

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:1396  
ANSWERED ON:21.08.2012  
KITS TO DETECT ADULTERATION IN MILK  
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**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether the National Dairy Research Institute (NDRI) has developed certain kits to detect various kinds of adulteration in milk and other dairy products;
- (b) if so, the details thereof;
- (c) whether the Food Safety and Standard Authority of India has validated all such kits;and
- (d) the steps taken by the Government for early availability of these kits in the market for the use of common man?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF AGRICULTURE, FOOD PROCESSING INDUSTRIES AND PARLIAMENTARY AFFAIRS (SHRI HARISH RAWAT)

(a) Yes, Madam.

(b) Kit has been developed for detection of starch, sugar, glucose, urea, ammonium compounds, pond water, common salt, neutralizers, hydrogen peroxide, formalin in milk. The kit also contains reagents for detection of 'Vanaspati in ghee'.

In addition to this, a test for detection of detergent in milk has also been developed. The test is sensitive to detect 20 mg detergent per 100 ml of milk and is simple and rapid and does not require laboratory equipments.

(c) No, Madam.

(d) Presently the kit is being used by several units in the Dairy industry. NDRI has also offered the kit for commercialization to the public/private sector companies.