

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO.691**  
TO BE ANSWERED ON 07.02.2017

**Water Contamination by Urea**

691. SHRI DEVJI M. PATEL:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether large scale use of spurious urea in the country including Rajasthan is contaminating the water thereby causing various ailments and if so, the details thereof; and
- (b) the steps taken by the Government to check water contamination by urea?

**ANSWER**

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI ANIL MADHAV DAVE)

- (a)&(b) As per information received from Indian Council of Agricultural Research (ICAR), there is no harmful effect of chemical fertilisers with recommended doses and judicious use. However, there is possibility of Nitrate contamination in ground water due to excessive use of nitrogenous fertiliser including urea particularly in light textured soils with consequence on human/ animal health if used for drinking purpose. Measures recommended for addressing water contamination by nitrogenous fertiliser including urea include soil test based balanced and integrated nutrient management practices, split application and placement of nitrogenous fertiliser, use of slow releasing nitrogenous fertiliser and nitrification inhibitors etc.

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