

GOVERNMENT OF INDIA  
MINISTRY OF CHEMICALS AND FERTILIZERS  
DEPARTMENT OF FERTILIZERS

LOK SABHA

**UNSTARRED QUESTION NO. 778 TO BE ANSWERED ON: 26.07.2024**

REPLACEMENT OF NORMAL UREA WITH NANO UREA

778: DR. ALOK KUMAR SUMAN:

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) whether the Government has any proposal to replace normal urea with Nano Urea;
- (b) if so, the details thereof;
- (c) whether the Government has faced some constraints in the implementation of said initiative; and
- (d) if so, the details thereof , especially in the State of Bihar?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS  
(SMT. ANUPRIYA PATEL)

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(a) to (d) : There is no such proposal to replace normal urea with Nano Urea. However, Indian Council of Agricultural Research (ICAR) has informed that experimental trials of Nano Urea revealed that two spray of Nano Urea as top-dressing along with recommended basal dose of normal urea gave comparable yield with full recommended dose of normal urea with yield advantage of 3-8% and urea saving of 25-50% in various crops.

Nano Urea is approved under FCO in August, 2021. AS of now, six (6) Nano Urea plants have been set up and operational at Kalol (Gujarat), Phulpur (Uttar Pradesh), Aonla (Uttar Pradesh), Anand (Gujarat), Ahmedabad (Gujarat) and Bathinda (Punjab).

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