

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

RAJYA SABHA

UNSTARRED QUESTION NO. 1306 TO BE ANSWERED ON: 01.08.2023

Nano Urea

1306: SHRI M. MOHAMED ABDULLA:

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

- (a) whether Government had conducted any study on the long-term effects of Nano urea on the impact of soil health; and
- (b) whether Government had conducted any awareness campaign to promote the usage of Nano urea?

ANSWER

MINISTER OF STATE FOR CHEMICALS & FERTILIZERS
(SHRI BHAGWANTH KHUBA)

(a): The experimental trials of Nano urea undertaken revealed that two spray of nano urea as top-dressing alongwith recommended basal dose of nitrogen gave comparable yield to that obtained with full recommended dose of nitrogen with yield advantage of 3-8% and urea saving of 25-50% in various crops. IFFCO has informed that application of nano urea (liquid) improves yield, biomass, soil health and nutritional quality of the produce.

(b): Use of Nano Urea is being promoted through different activities such as awareness camps, webinars, nukkad nataks, field demonstrations, Kisaan Sammelans and films in regional languages etc. Nano Urea is also being made available at PMKSKs by concerned companies. Moreover, Nano Urea has been included under monthly supply plan issued by Department of Fertilizers regularly.

Further, ICAR through Indian Institute of Soil Science, Bhopal recently organized National Campaign on "Efficient and Balanced Use of Fertilizer (including Nano-fertilizers).
