

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

RAJYA SABHA

UNSTARRED QUESTION NO. 191 TO BE ANSWERED ON: 05.12.2023

Promoting Nano Fertilizers

191: SHRI AYODHYA RAMI REDDY ALLA:

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

- (a) whether there are financial incentives or subsidies provided to farmers who choose to use nano Fertilizers, the manner in which Government is encouraging their adoption on large scale;
- (b) whether Government plans to adopt other recommendations made by the Standing Committee report, such as, bringing production of nano fertilizers under the Production Linked Incentive (PLI) scheme to increase the production of nano fertilizers, if so, the details thereof; and
- (c) the manner in which nano fertilizers are integrated into technology-driven farming practices in the era of digital agriculture and whether digital platforms are promoting their use?

ANSWER

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

(a) to (c): At present, there is no proposal to provide financial incentives or subsidies to farmers using Nano Fertilizers. Further, there is no proposal to bring production of nano fertilizers under any Production Linked Incentive (PLI) scheme.

The Standing Committee on Chemicals & Fertilizers had recommended that a strong awareness campaign may be initiated amongst the farmers to educate them about the features of nano fertilizers. Accordingly, the following steps are taken to promote the use of "Nano Urea" amongst the farmers:-

- i. Use of Nano Urea is promoted through different activities such as awareness camps, webinars, nukkad nataks, field demonstrations, Kisaan Sammelans and films in regional languages etc.
- ii. Nano Urea is made available at Pradhan Mantri Kisan Samridhi Kendras (PMKSKs) by concerned companies.
- iii. Nano Urea has been included under monthly supply plan issued by Department of Fertilizers regularly.

- iv. ICAR through Indian Institute of Soil Science, Bhopal recently organized National Campaign on “Efficient and Balanced Use of Fertilizer (including Nano-fertilizers).
- v. Promotion of use of nano fertilizers has been included as one of the activity under the Viksit Bharat Sankalp Yatra (VBSY) which was launched on 15th November, 2023 with the objective to reach out to people to create awareness and to provide benefits of flagship Government schemes.
- vi. For ease in application and utilization of Nano fertilizers like Nano Urea through foliar application, initiatives such as innovative spraying options like 'Kisan Drones' and distribution of battery operated Sprayers at retail points are undertaken. For this purpose, pilot training and custom hiring spraying services through Village Level Entrepreneurs are actively promoted.
- vii. Nano Urea is made available for sale through various platforms & marketing channel so as to increase overall reach of Nano fertilizers for the farmers. It is also available for sale on IFFCO’s digital platform ‘www.iffcobazar.in’ through e-commerce.
- viii. CCEA has approved the Central Sector Scheme “Prime Minister – Mahila Kisan Drone Kendra”. Under the said scheme, 500 drones have been made available by fertilizer companies to Women Self Help Groups which is ensuring increased application of nano fertilizers through drones.
