

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UNSTARRED QUESTION NO. 850 TO BE ANSWERED ON: 07.02.2025

Promotion of Nano Fertilizers

850: SHRI P V MIDHUN REDDY:

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

- (a) the steps taken to expedite the commercial use of Nano Fertilizers;
- (b) whether the Government intends to subsidize the production of Nano Fertilizers in order to incentivise their uptake and if so, the details thereof;
- (c) whether the Government is working on developing effective and cheap spraying technologies for Nano Fertilisers;
- (d) if so, the details thereof; and
- (e) whether the Government intends to bring in Production-Linked Incentive scheme for promoting the production of Nano Fertilisers by the private sector and if so, the details thereof?

ANSWER

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

(a): In order to promote the use of Nano Fertilizers amongst the farmers, the following steps have been taken:

- i. Use of Nano Urea is promoted through different activities such as awareness camps, webinars, nukkad natak, field demonstrations, Kisan Sammelans and films in regional languages etc.
- ii. Nano Urea and Nano DAP are 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 was done during the Viksit Bharat Sankalp Yatra (VBSY) which was launched on 15th November, 2023.
- vi. For ease in application and utilization of Nano fertilizers like Nano Urea through foliar application, initiatives such as spraying of Nano Urea through 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. DoF in collaboration with fertilizer companies has initiated a Maha Abhiyan for adoption of Nano DAP in all 15 agro-climatic zones of the country through consultations and field level demonstrations. Further, DoF in collaboration with fertilizer companies has also launched campaign for field level demonstrations and awareness programs of Nano Urea plus in 100 districts of the country.

(b): At present, there is no provision for subsidy by Department of Fertilizers. However, DoF is encouraging its companies to set up Nano fertilizer plants.

(c) & (d): Spraying of Nano fertilizers through drones has emerged as a cost effective method. During the Viksit Bharat Sankalp Yatra, farmers had shown interest in adopting this new technology of spraying.

(e): At present, there is no proposal to bring production of nano fertilizers under any Production Linked Incentive (PLI) scheme.
