

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UNSTARRED QUESTION NO. 1597 TO BE ANSWERED ON: 28.07.2023

Production of Nano Urea

**+1597: DR. BHARATIBEN DHIRUBHAI SHIYAL:
DR. ARVIND KUMAR SHARMA:
SHRI SHANKAR LALWANI:**

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

- (a) whether the Government proposes to promote nano urea;
- (b) if so, the details thereof and the manner in which the said urea is better than normal urea;
- (c) whether the Government proposes to set up the plants to increase the production of Nano urea in the country;
- (d) if so, the details thereof alongwith the details of new plants to be set up in the first phase, Statewise;
- (e) whether any policy has been formulated by the Government to set up such plants; and
- (f) if so, the details thereof?

ANSWER

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

(a) & (b): Use of Nano Urea is being promoted through different activities such as awareness camps, webinars, nukkad natak, 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.

Indian Council of Agricultural Research (ICAR) has informed that trials were conducted at 20 selected locations in selected crops to study the effect of IFFCO nano-urea (liquid) used as foliar spray. The study indicated that nano-urea can be used as foliar spray for top-dressing instead of conventional urea. In addition, foliar application of nano urea along with basal application of recommended dose of conventional urea has yield advantage of 3-8% over conventional fertilizer application. Price of Nano Urea (liquid) is Rs 225 / 500 ml bottle, which is 16 % less than the price of a 45 Kg bag of conventional Urea.

(c) & (d): No, Sir. The Government of India is not directly involved in setting up of Nano Urea Plants. However, it has encouraged its PSUs, namely National Fertilizers Limited (NFL) and Rashtriya Chemicals & Fertilizers Limited to set up Nano Urea plants.

(e) & (f): No, Sir.
