

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UN-STARRED QUESTION NO. 4959 TO BE ANSWERED ON: 31.03.2023

Demand and Production of Nano Urea

**4959: SHRI DEVJI M. PATEL:
SHRI E.T. MOHAMMED BASHEER**

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

- (a) whether the production of Nano urea has been started in order to make India self-reliant in the field of urea;
- (b) if so, the details thereof along with the demand and production of Nano Urea during the last three years, year-wise;
- (c) whether any time frame has been fixed to make India self-reliant in production of urea, if so, the details thereof;
- (d) the steps taken/proposed to be taken by the Government to increase the production and use of nano urea by the farmers;
- (e) the status of supply of nano urea through out the country during the last one year, State/UT-wise;
- (f) whether the Government has formulated plans to increase the supply of Nano Urea across the country to enhance its reach to the farmers and retailers; and
- (g) if so, the details thereof?

ANSWER

MINISTER OF STATE FOR CHEMICALS & FERTILIZERS

(SHRI BHAGWANTH KHUBA)

(a) & (b): Nano Urea developed by IFFCO has been provisionally included in Fertilizer Control Order (FCO)-1985, based on the preliminary experimental trials undertaken in several Indian Council of Agricultural Research (ICAR)/state agricultural Universities. The details of Production and Demand/Sales of Nano Urea during the last three years is indicated in the table below:-

Particulars	(Qty in Lakh no. of Bottles of 500 ml)	
	2021-22 (upto 31.03.2022)	2022-23 (upto 26.03.2023)
Total Production	290.00	464.27
Domestic Sale	212.13	311.57
Exports	3.06	1.58
Total Sale (Dom.+Exp.)	215.20	313.15

(c): The Government had announced New Investment Policy (NIP) – 2012 on 2nd January, 2013 and its amendment on 7th October, 2014 to facilitate fresh investment in the urea sector and to make India self-sufficient in the urea sector. Total 6 new urea units have been set up under NIP – 2012. These are Panagarh urea unit of Matix Fertilizers and Chemicals Ltd. (Matix); Gadepan-III urea unit of Chambal Fertilizers and Chemicals Ltd. (CFCL); Ramagundam urea unit of Ramagundam Fertilizers and Chemicals Ltd.(RFCL); and 3 urea units namely Gorakhpur, Sindri and Barauni of Hindustan Urvarak & Rasayan Limited (HURL). Each of these units have the installed urea production capacity of 12.7 Lakh Metric Tonne per annum. Therefore, these units have together added 76.2 LMT per annum in the existing indigenous urea production capacity of the country which is currently **283.74 LMT**.

Further, an exclusive policy has been notified on 28th April 2021 for the revival of Talcher unit of FCIL by setting up a new greenfield urea plant of **12.7 LMT** per annum at coal gasification route.

The Government has notified the New Urea Policy (NUP) – 2015 on 25th May, 2015 with one of the objectives of maximizing indigenous urea production. The NUP-2015 has led to additional production of urea by **20-25 LMTPA** as compared to the production during 2014-15.

(d) to (g): IFFCO at present has established three Nano Urea plants at Kalol, Phulpur and Aonla respectively having a capacity of 17 Crore Bottles Per Annum. Further, Department of Fertilizers is encouraging its PSUs for setting up Nano Urea plants. National Fertilizers Limited (NFL) and Rashtriya Chemicals and Fertilizers Limited (RCF), under administrative control of Department of Fertilizers, has signed Non-Disclosure Agreement (NDA) & Memorandum of Understanding (MoU) with Indian Farmers Fertilizer Cooperative (IFFCO) to transfer the technology of Nano Urea from IFFCO. The status of supply/sales of Nano Urea through out the country State wise/UT-wise during the last one year is indicated herewith vide **Annexure-A**. Also, use of Nano Urea/Nano Fertilizers is being promoted to expand its reach to farmers through awareness camps, webinars, nukkad nataks, field demonstrations, kisan sammelans and electronic media in regional languages etc.

STATE-WISE SALES OF NANO UREA (QTY. IN NO. OF BOTTLES OF 500 ML)		
S.No.	State	2021-22 (upto 31.03.2022)
1	Andhra Pradesh	5,80,144
2	Assam & NE	4,38,628
3	Bihar	14,83,992
4	Chhattisgarh	5,23,368
5	Gujarat	8,75,184
6	Haryana & Delhi	16,28,732
7	Himachal Pradesh	1,50,120
8	Jammu and Kashmir	2,00,612
9	Jharkhand	1,55,150
10	Karnataka	8,18,176
11	Kerala	1,00,128
12	Madhya Pradesh	16,11,682
13	Maharashtra & Goa	16,51,162
14	Odisha	4,17,922
15	Punjab	17,77,354
16	Rajasthan	15,02,316
17	Tamil Nadu	12,06,720
18	Telangana	5,86,700
19	Uttar Pradesh	40,62,930
20	Uttarakhand	1,40,004
21	West Bengal	13,02,222
22	Grand Total (Domestic Sale)	2,12,13,246
23	Export	3,06,456
24	Grand Total (Domestic + Export Sale)	2,15,19,702
