

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS & FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UNSTARRED QUESTION NO. 2013 TO BE ANSWERED ON :02.08.2024

DOMESTIC PRODUCTION AND IMPORTS OF FERTILIZERS

2013 SHRI SATPAL BRAHAMCHARI:

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

- (a) the details of the estimated quantum of domestic production and import of fertilizers during the last three years, State-wise, district-wise and year-wise;
- (b) the details of estimated demand of fertilizers during the last three years, year-wise;
- (c) the measures taken/proposed to be taken by the Government to ensure adequate supply of the same;
- (d) whether the Government is taking any steps to ensure that farmers are protected from the rising costs of fertilizers; and
- (e) if so, the details thereof?

ANSWER

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

(a) & (b): The details of Year-wise and State wise production of major fertilizers in the fertilizer manufacturing units in the country during the last three years from 2021-22 to 2023-24 are given at **Annexure**. The details of total all fertilizers imports and total all fertilizers demand in the country during the last three years from 2021-22 to 2023-24 are given as under:

Total all fertilizers imports and Total all fertilizers demand during 2021-22 to 2023-24		
(Figures in LMT)		
Year	Total All Fertilizers Imports	Total All Fertilizers Demand
2021-22	182.28	640.27
2022-23	187.81	628.25
2023-24	176.95	620.19

(c) to (e): The following steps are taken by the Government every season to meet the adequate and timely requirement of fertilizers in the country:

- i. Before the commencement of each cropping season, Department of Agriculture and Farmers Welfare (DA&FW) assesses the state-wise & month-wise requirement of fertilizers.

- ii. To fulfill this requirement of fertilizers in the states across the country, as per assessment done by Department of Agriculture and Farmers Welfare (DA&FW), Department of Fertilizers allocates adequate quantities of fertilizers to States by issuing monthly supply plans.
- iii. The movement of all major subsidized fertilizers is monitored through web-based monitoring system called integrated Fertilizer Monitoring System (iFMS).

Government of India ensures adequate availability of Urea to meet the requirements of States/UTs. In order to increase the availability of urea through indigenous sources, Government of India announced New Investment Policy (NIP) 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 the policy which includes 4 urea units set up through Joint Venture Companies (JVC) of nominated PSUs and 2 urea units set up by the private companies. The units set up through JVC are Ramagundam urea unit of Ramagundam Fertilizers and Chemicals Ltd (RFCL) in Telangana and 3 urea units namely Gorakhpur, Sindri and Barauni of Hindustan Urvarak & Rasayan Limited (HURL) in Uttar Pradesh, Jharkhand and Bihar, respectively. The units set up by private companies are Panagarh urea unit of Matix Fertilizers and Chemicals Ltd. (Matix) in West Bengal; and Gadepan-III urea unit of Chambal Fertilizers and Chemicals Ltd. (CFCL) in Rajasthan. Each of these units has installed capacity of 12.7 Lakh Metric Tonne per annum (LMTPA). These units are highly energy efficient as they are based on latest technology. Therefore, these units have together added urea production capacity of 76.2 LMTPA thereby total indigenous urea production capacity (Reassessed Capacity, RAC) has increased from 207.54 LMTPA during 2014-15 to 283.74 LMTPA at present. Further, an exclusive policy for the revival of Talcher unit of FCIL through JVC of nominated PSUs namely Talcher Fertilizers Limited (TFL) by setting up a new Greenfield urea plant of 12.7 LMTPA at coal gasification route has also been approved. In addition, the Government also notified the New Urea Policy (NUP) – 2015 on 25th May, 2015 for the existing 25 gas-based urea units with one of the objectives of maximizing indigenous urea production beyond RAC. The NUP-2015 has led to additional production of urea by 20-25 LMTPA as compared to the production during 2014-15. These steps together have facilitated increase of Urea production from level of 225 LMT per annum during 2014-15 to a record Urea Production at 314.09 LMT during 2023-24.

Government has implemented Nutrient Based Subsidy Policy w.e.f. 1.4.2010 for Phosphatic and Potassic (P&K) Fertilizers. Under the policy, a fixed amount of subsidy, decided on annual/semi-annual basis - based on import prices of fertilizers and other relevant factors like requirement of nutrients in the country, balanced use of fertilizers, subsidy and MRP etc - is provided on P&K fertilizers depending on their nutrient content.

Further, P&K fertilizers are covered under Open General License (OGL) and companies are free to import /produce these fertilizers as per their business dynamics. Based on examination of requests received, permission is granted to the fertilizer companies for increasing their manufacturing capacity and for induction of new P&K companies & their fertilizer products under NBS, with a view to boost manufacturing and make country self-reliant in fertilizer production. The other measures taken are:

- i. To promote Potash derived from Molasses (PDM) which is 100% indigenously manufactured fertilizer has been notified under Nutrient based subsidy (NBS) regime w.e.f 13.10.2021.
- ii. Freight Subsidy on SSP, which is an indigenously manufactured fertilizer, has been made applicable for Kharif and Rabi 2023-24 to help in promotion of SSP usage for providing Phosphatic or “P” nutrient to the soil.

Urea is provided to the farmers at a statutorily notified Maximum Retail Price (MRP). The MRP of 45 kg bag of Urea is Rs.242 per bag (exclusive of charges towards neem coating and taxes as applicable). Besides, Government of India has laid down reasonable guidelines for P&K fertilizers which ensure that P&K fertilizers are available at reasonable prices to farmers. Accordingly, all farmers are being supplied fertilizers at the subsidized rates.

**Annexure referred in reply to part (a) & (b) of Lok Sabha Unstarred Question No. 2013
for answer on 02.08.2024**

Total production of fertilizers in the major fertilizer manufacturing units						
Sl. No.	Name of the State	Name of the fertilizer manufacturing units/Locations	Type of Fertilizers Produced	Production (Fig. in 'LMT')		
				2021-22	2022-23	2023-24
PUBLIC SECTOR						
1	Haryana	National Fertilizers Ltd. : Panipat	Urea	4.69	5.70	5.30
2	Madhya Pradesh	National Fertilizers Ltd. : Vijaiapur-I	Urea	10.41	10.50	10.43
3		National Fertilizers Ltd. : Vijaiapur-II	Urea	9.55	11.87	11.24
4	Punjab	National Fertilizers Ltd. : Nangal-II	Urea	5.32	5.45	5.21
5		National Fertilizers Ltd. : Bhatinda	Urea	5.29	5.82	4.72
6	Maharashtra	Rashtriya Chemicals & Fertilizers Ltd.: Trombay	Urea/complex	8.99	9.59	9.17
7		Rashtriya Chemicals & Fertilizers Ltd.: Thal	Urea	18.59	18.80	18.42
8	Assam	Brahmaputra Valley Fertilizers Corporation Ltd: Namrup-II	Urea	-	0.00	0.00
9		Brahmaputra Valley Fertilizers Corporation Ltd: Namrup-III	Urea	1.70	2.23	1.80
10	Kerala	Fertilizer and Chemicals & Travancore Ltd. : Udyogamandal	A/S& Complex	3.23	4.53	4.63
11		Fertilizer and Chemicals & Travancore Ltd. : Cochin	Complex	6.40	6.20	6.06
12	Tamil Nadu	Madras Fertilizer Ltd. : Chennai	Urea & complex	5.28	5.27	4.33
COOPERATIVE SECTOR						
13	Gujarat	Indian Farmers Fertilizers Co-operative Ltd.: Kandla	DAP & Complex	23.40	24.87	18.90
14		Indian Farmers Fertilizers Co-operative Ltd.: Kalol	Urea	5.45	6.62	6.19
15	Odisha	Indian Farmers Fertilizer Co-operative Ltd. : Paradeep	DAP & Complex	19.95	21.88	21.17
16	Uttar Pradesh	Indian Farmers Fertilizer Co-operative Ltd. : Phulpur-I	Urea	6.40	6.51	7.05
17		Indian Farmers Fertilizer Co-operative Ltd. : Phulpur-II	Urea	8.38	12.24	12.00
18		Indian Farmers Fertilizer Co-operative Ltd. : Aonla-I	Urea	12.07	11.52	12.26
19		Indian Farmers Fertilizer Co-operative Ltd. : Aonla-II	Urea	11.32	11.92	11.36
20	Gujarat	Krishak Bharati Co-operative Ltd.: Hazira	Urea	22.08	22.21	23.35
PRIVATE SECTOR						
21	Andhra Pradesh	Nagarjuna Fertilizers and Chemicals Ltd.: Kakinada-I	Urea	7.53	6.08	6.45
22		Nagarjuna Fertilizers and Chemicals Ltd.: Kakinada-II	Urea	1.61	5.13	6.65
23		Coromandel International Ltd. :Kakinada	DAP & Complex	15.59	20.06	19.31
24		Coromandel International Ltd.: Vizag	DAP & Complex	10.77	11.43	11.64
25	Uttar Pradesh	HURL: Gorakhpur	Urea	-	8.66	13.50
26	Bihar	HURL : Barauni	Urea	-	1.74	10.57
27	Jharkhand	HURL : Sindri	Urea	-	1.74	11.44
28	Goa	PPL : Goa (earlier ZACL)	Urea, DAP & Complex	6.00	7.75	8.79
29	Gujarat	Gujarat Narmada Valley Fertilizer & Chemicals Ltd. : Bharuch	Urea & Complex	7.79	7.69	8.28
30		Gujarat State Fertilizers & Chemicals Ltd. : Vadodara	Urea, DAP, A/S & Complex	10.91	11.13	9.89
31		Gujarat State Fertilizers & Chemicals Ltd. : Sikka	DAP & Complex	3.63	2.74	4.40
32		Kisan Shakti: Bharuch	TSP	-	-	0.02
33	Karnataka	Manglore Chemicals & Fertilizers Ltd. : Manglore	Urea, DAP & Complex	6.81	5.62	7.55
34	Maharashtra	Mahadhan Agritech Ltd./ Smartchem/DFPCL : Taloja	Complex	5.62	5.83	6.08

Total production of fertilizers in the major fertilizer manufacturing units

Sl. No.	Name of the State	Name of the fertilizer manufacturing units/Locations	Type of Fertilizers Produced	Production (Fig. in 'LMT')		
				2021-22	2022-23	2023-24
35	Odisha	Paradeep Phosphate Ltd. : Paradeep	DAP & Complex	12.49	12.98	14.27
36	Rajasthan	Chambal Fertilizers and Chemicals Ltd. : Gadepan-I	Urea	10.10	10.22	10.40
37		Chambal Fertilizers and Chemicals Ltd. : Gadepan-II	Urea	9.49	10.39	9.58
38		Chambal Fertilizers and Chemicals Ltd. : Gadepan-III	Urea	13.55	12.86	13.84
39		Shriram Fertilizers & Chemicals Ltd. : Kota	Urea	3.92	3.98	4.10
40		Patel Phoschem : Udaipur	TSP	-	0.04	0.02
41	Tamil Nadu	Coromandel International Ltd. : Ennore	Complex	2.51	1.40	2.19
42		Southern Petrochemical Inds.Corpn.Ltd. : Tuticorin	Urea	6.20	7.59	5.23
43		Greenstar Fertilizer Ltd. : Tuticorin	DAP & Complex	4.12	5.03	5.06
44	Telangana	RFCL : Ramangundam	Urea	3.83	8.41	11.12
45	Uttar Pradesh	Indorama India : Jagdishpur	Urea	10.45	11.17	11.38
46		Yara Fertilizers India Pvt. Ltd./TCL : Babrala	Urea	12.98	11.82	12.31
47		KFL/Kribhco Shyam Fertilizers Ltd. : Shahjahanpur	Urea	9.65	10.95	10.66
48		KFCL : Kanpur	Urea	6.73	6.28	6.85
49	West Bengal	Indorama India : Haldia	DAP & Complex	5.18	4.94	6.01
50		Matix Fertilizers & Chemicals Ltd. : Panagarh	Urea	6.29	10.52	14.99
51	Madhya Pradesh	Madhya Bharat Agro Product Ltd. (MBAPL)	DAP & Complex	0.38	0.94	1.27
52		Krishna Phoschem Ltd.	DAP & Complex	-	0.01	1.49
53	Madhya Pradesh	CIL : Nimrani	Complex	-	-	-
Total				382.61	428.85	458.91
