

GOVERNMENT OF INDIA  
MINISTRY OF CHEMICALS & FERTILIZERS  
DEPARTMENT OF FERTILIZERS  
LOK SABHA

**UNSTARRED QUESTION NO. +1651 TO BE ANSWERED ON: 16.12.2022**

**Demand and Consumption of Fertilizers**

**+1651 SHRI JAGANNATH SARKAR:  
SHRI MITESH RAMESHBHAI PATEL ( BAKABHAI):  
SHRIMATI SHARDABEN ANILBHAI PATEL:**

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

- (a) the production of fertilizers in the country during the last five years, year-wise;
- (b) the State-wise and fertilizer-wise details of the demand and consumption of fertilizers during the above period;
- (c) whether the Government is importing fertilizers to make up for its shortage in the country;
- (d) if so, the details thereof; and
- (e) whether the Government has taken any other steps to meet the demand of fertilizers in the country?

**ANSWER**

MINISTER OF STATE FOR CHEMICALS & FERTILIZERS  
(**SHRI BHAGWANTHKHUBA**)

(a): The details of production of all fertilizers in the country during the last five years from 2017-18 to 2021-22 is given in the table below:

Year	Production of Fertilizers during the last three years from 2017-18 to 2021-22 (Figures in 'LMT')				
	2017-18	2018-19	2019-20	2020-21	2021-22
<b>Fertilizer Production</b>	413.61	413.85	425.95	433.68	435.95

(b) : The details of the State-wise and fertilizer-wise demand and consumption of fertilizers during the last five years are at **Annexure**.

(c) & (d): Amongst the major fertilizers, against the total requirement around 75% of Urea, 40% of DAP, and 85% of NPKS are produced in the country by PSUs and private companies. The rest is imported on account of Government of India ( as in case of Urea) & by the companies in case of P&K (under Open General Licenses) to bridge the gap between requirement & production of fertilizers.

The details of fertilizer Production and Imports during last five years is as below:-

<Figures in LMT>

FY 2017-18		
FERTILIZER	PRODUCTION	IMPORT
UREA	240.23	59.75
DAP	46.50	42.17
NPKS	88.14	4.99
MOP	NIL	47.36
FY 2018-19		
FERTILIZER	PRODUCTION	IMPORT
UREA	238.99	74.81
DAP	38.99	66.02
NPKS	95.15	5.46
MOP	NIL	42.14
FY 2019-20		
FERTILIZER	PRODUCTION	IMPORT
UREA	244.58	91.23
DAP	45.50	48.70
NPKS	93.34	7.46
MOP	NIL	36.70
FY 2020-21		
FERTILIZER	PRODUCTION	IMPORT
UREA	246.05	98.28
DAP	37.74	48.82
NPKS	100.54	13.90
MOP	NIL	42.27
FY 2021-22		
FERTILIZER	PRODUCTION	IMPORT
UREA	250.72	91.36
DAP	42.22	54.62
NPKS	89.67	11.70
MOP	NIL	24.60

(e): Government of India has mandated revival Ramagundam ( Telanagana), Gorakhpur (Uttar Pradesh) Sindri ( Jharkhand) and Talcher ( Odisha) units of Fertilizer Corporation of India Limited (FCIL) and Barauni ( Bihar) Unit of Hindustan Fertilizer Corporation Limited (HFCL) through Joint Venture Company ( JVC) of nominated PSUs for setting up new ammonia-urea plants of 12.7 LMTPA capacity each. After operationalization, these plants would add 63.5 LMT per annum of indigenous urea production in the country. Ramagundam and Gorakhpur units were commissioned on 22.03.2021 and 07.12.2021 respectively whereas Barauni and Sindri units also started urea production on 18.10.2022 and 05.11.2022 respectively.

\*\*\*\*\*

**STATE WISE DEMAND & CONSUMPTION OF UREA FOR FY 2017-18 TO 2021-22**

fig. in LMT

S.No	State	2017-18		2018-19		2019-20		2020-21		2021-22	
		DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION
1	Andaman and Nicobar	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00
2	Andhra Pradesh	15.50	14.09	16.70	14.18	17.50	14.26	17.50	15.92	17.00	14.83
3	Arunachal Pradesh	0.02	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	Assam	2.95	3.71	3.35	4.39	3.10	3.63	4.15	3.46	3.85	3.60
5	Bihar	21.00	20.39	21.00	22.34	21.00	22.65	22.00	23.30	22.00	21.53
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	6.56	6.63	6.00	8.18	6.00	7.96	6.50	9.17	7.00	8.00
8	Dadra and Nagar	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.00
9	Daman and Diu	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.09	0.13	0.08	0.21	0.16	0.25	0.23	0.22	0.20	0.26
11	Goa	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
12	Gujarat	20.00	22.39	19.60	20.06	22.00	23.63	24.00	23.82	24.00	21.90
13	Haryana	18.00	20.62	19.00	21.66	21.00	20.88	21.00	21.52	20.50	20.75
14	Himachal Pradesh	0.66	0.70	0.66	0.73	0.69	0.74	0.70	0.72	0.79	0.74
15	Jammu and Kashmir	1.28	1.51	1.33	1.32	1.38	0.96	1.43	2.16	1.43	1.67
16	Jharkhand	2.40	2.22	2.40	2.39	2.60	2.41	2.60	2.58	2.60	2.57
17	Karnataka	13.50	13.48	14.00	13.91	17.91	14.63	16.50	16.43	16.50	17.84
18	Kerala	1.10	1.33	1.40	0.95	1.17	1.14	1.13	1.27	1.22	1.15
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	22.00	24.49	23.00	29.51	28.50	29.99	31.00	30.18	35.00	29.18
21	Maharashtra	26.62	23.58	22.00	22.81	26.00	24.19	25.00	24.62	25.50	23.68
22	Manipur	0.22	0.21	0.24	0.24	0.27	0.26	0.27	0.22	0.27	0.14
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.07	0.06	0.09	0.07	0.09	0.08	0.09	0.02	0.09	0.01
25	Nagaland	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.01
26	Odisha	5.25	5.26	5.75	4.96	5.35	5.56	5.65	5.27	5.64	5.53
27	Puducherry	0.14	0.11	0.11	0.13	0.13	0.11	0.13	0.14	0.12	0.15
28	Punjab	25.50	28.06	25.50	29.17	26.50	29.64	28.30	29.37	28.00	31.34
29	Rajasthan	18.50	16.80	19.00	20.92	22.50	22.97	22.00	23.21	21.00	22.59
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	9.00	8.81	8.50	9.11	10.00	9.13	10.00	9.88	10.10	10.40
32	Telangana	13.80	14.02	15.00	13.83	15.50	15.20	19.50	17.54	19.00	17.12
33	Tripura	0.43	0.23	0.39	0.11	0.33	0.17	0.25	0.14	0.27	0.18
34	Uttarakhand	2.35	3.10	2.35	2.75	2.35	2.45	2.25	2.40	2.16	2.09
35	Uttar Pradesh	58.50	58.92	59.50	62.86	70.00	70.95	74.00	74.13	78.00	71.12
36	West Bengal	12.50	12.41	13.00	13.23	13.20	13.11	14.43	12.78	14.23	13.30
	<b>All India</b>	<b>298.00</b>	<b>303.31</b>	<b>300.04</b>	<b>320.04</b>	<b>335.26</b>	<b>336.96</b>	<b>350.64</b>	<b>350.51</b>	<b>356.53</b>	<b>341.73</b>

# STATE WISE DEMAND & CONSUMPTION OF DAP FOR FY 2017-18 TO 2021-22

fig. in LMT

S.No	State	2017-18		2018-19		2019-20		2020-21		2021-22	
		DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION
1	Andaman and Nicobar	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00
2	Andhra Pradesh	3.75	3.26	3.76	3.14	3.00	3.52	4.00	4.21	4.00	4.45
3	Arunachal Pradesh	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Assam	0.55	0.57	0.65	0.58	0.63	0.65	0.83	0.79	0.83	0.89
5	Bihar	5.75	6.82	5.00	5.87	6.00	7.44	7.00	8.12	7.50	5.52
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	3.40	3.26	3.50	3.31	3.10	3.56	3.35	4.51	3.80	3.53
8	Dadra and Nagar	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00
9	Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.05	0.03	0.04	0.02	0.04	0.04	0.05	0.04	0.04	0.03
11	Goa	0.02	0.02	0.02	0.02	0.02	0.00	0.02	0.00	0.01	0.00
12	Gujarat	4.80	5.47	5.00	4.31	5.00	5.18	5.00	6.55	5.00	5.00
13	Haryana	6.20	5.47	6.20	5.48	6.30	5.89	6.30	6.32	6.00	4.96
14	Himachal Pradesh	0.02	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.00
15	Jammu and Kashmir	0.65	0.65	0.72	0.49	0.68	0.35	0.79	0.80	0.80	0.44
16	Jharkhand	1.00	0.82	1.05	0.69	1.00	0.79	1.00	1.08	1.00	0.91
17	Karnataka	6.00	4.90	5.87	4.88	6.49	5.54	6.50	6.82	6.54	5.73
18	Kerala	0.35	0.31	0.27	0.21	0.33	0.17	0.19	0.21	0.20	0.14
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	10.50	11.06	11.50	12.63	13.00	13.46	13.55	16.07	19.50	12.03
21	Maharashtra	7.22	6.66	6.70	5.61	7.50	6.07	7.00	8.17	8.50	5.87
22	Manipur	0.06	0.00	0.12	0.00	0.12	0.05	0.16	0.04	0.14	0.01
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.02	0.00	0.06	0.00	0.06	0.00	0.05	0.00	0.06	0.00
25	Nagaland	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.00
26	Odisha	2.20	1.73	2.15	1.69	2.15	1.99	2.20	2.52	2.68	2.37
27	Puducherry	0.02	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.02	0.01
28	Punjab	9.00	6.85	8.50	7.02	8.25	7.29	8.25	7.73	8.00	6.27
29	Rajasthan	5.83	5.37	6.15	6.71	8.00	8.38	8.00	9.17	7.70	6.10
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	3.50	2.44	3.00	2.31	3.30	2.46	3.25	2.72	2.90	2.39
32	Telangana	2.60	2.53	3.20	2.23	3.20	2.32	2.70	3.14	4.20	2.98
33	Tripura	0.06	0.01	0.06	0.00	0.06	0.02	0.06	0.05	0.05	0.01
34	Uttarakhand	0.40	0.29	0.33	0.22	0.33	0.44	0.40	0.38	0.32	0.31
35	Uttar Pradesh	21.30	18.08	21.00	17.17	21.00	21.94	23.00	25.76	29.50	21.20
36	West Bengal	3.50	3.23	3.50	2.75	3.70	3.43	4.05	3.94	4.05	2.70
	<b>All India</b>	<b>98.77</b>	<b>89.85</b>	<b>98.40</b>	<b>87.35</b>	<b>103.30</b>	<b>101.01</b>	<b>107.76</b>	<b>119.18</b>	<b>123.90</b>	<b>92.64</b>

-5-

STATE WISE DEMAND & CONSUMPTION OF MOP FOR FY 2017-18 TO 2021-22

Fig. in LMT

S.N	State	2017-18		2018-19		2019-20		2020-21		2021-22	
		DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION
1	Andaman and Nicobar	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
2	Andhra Pradesh	2.41	2.89	2.86	2.41	2.70	2.42	2.80	2.94	3.00	1.78
3	Arunachal Pradesh	0.01	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	Assam	0.65	0.81	0.80	0.79	0.71	0.71	0.82	0.80	0.85	0.55
5	Bihar	1.90	2.45	2.10	2.03	2.30	2.46	2.50	2.61	2.50	1.38
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	1.00	0.73	1.20	0.71	0.96	0.92	1.01	1.12	1.01	0.83
8	Dadra and Nagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.02	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.01	0.00
11	Goa	0.02	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00
12	Gujarat	1.60	1.61	1.41	1.32	1.40	1.25	1.30	1.51	1.20	1.09
13	Haryana	0.65	0.72	0.85	0.70	0.95	0.58	0.70	0.60	0.56	0.57
14	Himachal Pradesh	0.10	0.11	0.10	0.06	0.09	0.07	0.09	0.08	0.08	0.04
15	Jammu and Kashmir	0.26	0.38	0.26	0.23	0.26	0.16	0.26	0.48	0.40	0.19
16	Jharkhand	0.07	0.03	0.12	0.01	0.13	0.03	0.11	0.05	0.20	0.01
17	Karnataka	3.50	2.54	4.00	2.64	4.80	2.59	3.15	3.35	3.17	2.54
18	Kerala	1.10	1.02	1.24	0.84	1.25	0.89	0.85	1.09	1.10	0.77
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	1.25	1.08	1.25	1.08	1.50	1.13	1.50	1.50	1.80	1.18
21	Maharashtra	4.50	4.24	4.50	3.86	4.75	3.24	4.50	4.09	4.50	3.26
22	Manipur	0.05	0.00	0.12	0.00	0.12	0.01	0.14	0.03	0.14	0.00
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.02	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.04	0.00
25	Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Odisha	1.35	1.22	1.45	1.08	1.35	1.21	1.30	1.38	1.43	1.07
27	Puducherry	0.03	0.01	0.03	0.02	0.03	0.01	0.02	0.02	0.02	0.02
28	Punjab	1.10	0.83	1.10	0.56	1.45	0.64	1.50	0.85	1.00	0.64
29	Rajasthan	0.25	0.26	0.30	0.29	0.30	0.26	0.30	0.32	0.30	0.24
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	3.31	2.96	3.50	2.67	2.85	2.52	3.10	3.07	3.00	2.53
32	Telangana	1.80	2.06	2.60	1.41	2.60	1.71	2.60	2.47	3.10	1.39
33	Tripura	0.14	0.00	0.14	0.00	0.10	0.07	0.10	0.04	0.09	0.01
34	Uttarakhand	0.06	0.06	0.05	0.03	0.07	0.07	0.10	0.06	0.09	0.04
35	Uttar Pradesh	3.50	2.97	3.50	1.82	3.50	2.40	3.50	2.78	3.80	1.91
36	West Bengal	3.25	2.93	3.25	2.42	3.90	2.42	3.20	3.06	3.70	1.89
	<b>All India</b>	<b>33.90</b>	<b>31.93</b>	<b>36.81</b>	<b>26.98</b>	<b>38.12</b>	<b>27.80</b>	<b>35.51</b>	<b>34.32</b>	<b>37.10</b>	<b>23.93</b>

-6-

## STATE WISE DEMAND & CONSUMPTION OF NPKS FOR FY 2017-18 TO 2021-22

fig. in LMT

S.N	State	2017-18		2018-19		2019-20		2020-21		2021-22	
		DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION	DEMAND	CONSUMPTION
1	Andaman and Nicobar	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00
2	Andhra Pradesh	11.50	10.62	12.50	11.38	12.00	13.52	13.50	17.27	17.00	13.99
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Assam	0.05	0.13	0.05	0.14	0.16	0.18	0.20	0.14	0.17	0.19
5	Bihar	3.00	2.82	3.50	3.19	3.50	3.31	3.50	3.63	4.00	3.96
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	1.60	0.81	1.50	0.94	1.20	0.94	1.60	1.19	1.30	1.31
8	Dadra and Nagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.03	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.00
11	Goa	0.04	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.00
12	Gujarat	5.20	6.80	4.65	5.98	5.46	6.64	5.35	7.79	5.95	6.69
13	Haryana	0.55	0.19	0.27	0.38	0.40	0.23	0.40	0.23	0.70	0.54
14	Himachal Pradesh	0.37	0.30	0.38	0.26	0.40	0.32	0.41	0.34	0.38	0.19
15	Jammu and Kashmir	0.00	0.01	0.00	0.00	0.02	0.01	0.00	0.02	0.03	0.00
16	Jharkhand	0.33	0.14	0.35	0.29	0.45	0.38	0.38	0.36	0.46	0.45
17	Karnataka	12.50	11.64	11.71	13.31	14.21	14.70	14.15	18.24	17.20	18.72
18	Kerala	1.45	1.17	1.67	1.16	1.20	1.32	1.25	1.44	1.45	1.26
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	3.15	2.93	2.80	3.89	3.75	3.74	3.75	3.98	4.35	4.96
21	Maharashtra	20.50	19.71	18.00	19.72	21.00	21.90	21.00	26.89	21.50	25.75
22	Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Odisha	3.10	2.23	3.00	2.23	3.00	2.53	2.80	2.65	2.80	2.49
27	Puducherry	0.06	0.05	0.06	0.04	0.05	0.07	0.04	0.09	0.07	0.07
28	Punjab	0.43	0.32	0.68	0.55	0.76	0.38	0.76	0.36	0.76	1.21
29	Rajasthan	0.60	0.59	0.55	0.91	0.55	0.62	0.55	0.64	0.63	1.20
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	6.00	5.35	5.50	5.53	5.25	6.17	6.30	7.38	6.92	8.17
32	Telangana	9.00	10.17	10.50	10.51	11.60	12.21	13.50	15.18	18.60	13.24
33	Tripura	0.02	0.00	0.02	0.00	0.02	0.01	0.02	0.01	0.02	0.01
34	Uttarakhand	0.45	0.32	0.39	0.32	0.35	0.24	0.38	0.31	0.30	0.22
35	Uttar Pradesh	7.50	5.21	9.00	6.13	9.00	5.56	8.00	6.26	8.00	6.36
36	West Bengal	10.75	9.21	10.54	8.79	10.44	9.98	10.12	11.39	10.12	10.34
	<b>All India</b>	<b>98.19</b>	<b>90.75</b>	<b>97.68</b>	<b>95.66</b>	<b>104.82</b>	<b>105.01</b>	<b>108.00</b>	<b>125.82</b>	<b>122.74</b>	<b>121.37</b>

—