

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UNSTARRED QUESTION NO. 2118 TO BE ANSWERED ON: 15.12.2023

Rise in Consumption of Chemical Fertilizers

2118: SHRI TAPIR GAO:

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

- (a) whether the consumption of chemical fertilizers is on the rise every year in the country;
- (b) if so, the details thereof indicating the consumption level of various chemical fertilizers in the country during each of the last five years and the current year, State-wise and year-wise;
- (c) whether the Government has taken/proposes to take steps to create awareness among farmers for the balanced use of fertilizer in the country; and;
- (d) if so, the details thereof;

ANSWER

MINISTER OF STATE FOR CHEMICALS & FERTILIZERS

(SHRI BHAGWANTH KHUBA)

(a) & (b): The details of the consumption of various chemical fertilizers viz. Urea, DAP, MoP and NPKS in the country during the last five financial years and the current year, State-wise & Year-wise is enclosed at **Annexure-A and Annexure B** respectively.

(c) & (d): The Cabinet Committee on Economic Affairs (CCEA) in its meeting held on 28th June, 2023 has approved the "PM Programme for Restoration, Awareness Generation, Nourishment, and Amelioration of Mother-Earth (PM-PRANAM)". The initiative aims to support the mass movement started by States/UTs to save the health of Mother Earth by promoting sustainable and balanced use of fertilizers, adopting alternate fertilizers, promoting organic farming and implementing resource conservation technologies.

Further, CCEA in its meeting held on 28th June, 2023 has approved the Market Development Assistance (MDA) @ Rs. 1500/MT to promote organic fertilizers, i.e. manure produced at plants under GOBARdhan initiative covering different Biogas/CBG support schemes/programmes of stakeholder Ministries/Departments such as Sustainable Alternative Towards Affordable Transportation (SATAT) scheme of MoPNG, 'Waste to Energy' programme of MNRE, Swachh Bharat Mission (Rural) of DDWS, etc. with total outlay of Rs. 1451.84 crore (FY 2023-24 to 2025-26).

Besides, for reducing the use of chemical fertilizers in agriculture, Government of India (GoI) is also promoting the balanced and judicious use of fertilizers based on soil test based recommendations in conjunction with organic fertilizer and bio-fertilizers. Further, under organic schemes of Paramparagat Krishi Vikas Yojana (PKVY), Namami Gange, Bhartiya Prakritik Krishi Padhati (BPKP), Mission Organic Value Chain Development for North- Eastern Region (MOVCDNER), National Project on Organic Farming (NPOF) etc., farmers are provided assistance for use of organic and bio-fertilizers. Further, National Centre for Organic Farming (NCOF) is involved in awareness generation & training activities for promotion of organic farming.

Annexure-A

PRODCUT WISE & STATE WISE CONSUMPTION FROM FY 2018-29 TO 2022-23

fig. in LMT

S.No	State	FY 2023-24 (UPTO 10.12.23)			
		UREA	DAP	MOP	NPKS
1	Andaman and Nicobar Islands	0.00	0.00	0.00	0.00
2	Andhra Pradesh	8.65	3.10	0.82	9.02
3	Arunachal Pradesh	0.01	0.00	0.00	0.00
4	Assam	2.50	0.55	0.28	0.11
5	Bihar	13.83	4.79	0.93	2.97
6	Chandigarh	0.00	0.00	0.00	0.00
7	Chhattisgarh	6.99	3.61	0.51	1.01
8	Dadra and Nagar Haveli	0.00	0.00	0.00	0.00
9	Daman and Diu	0.00	0.00	0.00	0.00
10	Delhi	0.23	0.04	0.00	0.00
11	Goa	0.01	0.01	0.00	0.02
12	Gujarat	16.96	5.47	0.57	5.52
13	Haryana	16.97	5.54	0.29	0.41
14	Himachal Pradesh	0.47	0.01	0.01	0.21
15	Jammu and Kashmir	0.91	0.30	0.06	0.00
16	Jharkhand	2.15	0.79	0.03	0.27
17	Karnataka	12.83	5.72	1.26	13.50
18	Kerala	0.72	0.12	0.53	0.99
19	Lakshadweep	0.00	0.00	0.00	0.00
20	Madhya Pradesh	27.36	14.33	0.54	4.67
21	Maharashtra	17.78	6.22	1.01	18.41
22	Manipur	0.18	0.01	0.01	0.00
23	Meghalaya	0.03	0.00	0.00	0.00
24	Mizoram	0.11	0.00	0.00	0.00
25	Nagaland	0.01	0.00	0.00	0.00
26	Odisha	4.72	2.26	0.56	2.05
27	Puducherry	0.09	0.01	0.00	0.05
28	Punjab	23.46	6.55	0.41	0.62
29	Rajasthan	19.45	8.84	0.12	0.98
30	Sikkim	0.00	0.00	0.00	0.00
31	Tamil Nadu	6.92	2.04	1.06	5.45
32	Telangana	11.77	2.71	0.56	9.77
33	Tripura	0.08	0.03	0.01	0.01
34	Uttarakhand	1.65	0.30	0.04	0.15
35	Uttar Pradesh	49.48	18.32	0.97	6.54
36	West Bengal	7.40	2.10	1.09	6.64
	All India	253.71	93.74	11.68	89.37

Annexure-B

PRODCUT WISE & STATE WISE CONSUMPTION FROM FY 2018-29 TO 2022-23

fig. in LMT

S. No	State	UREA					DAP					MOP					NPKS					
		2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23	
1	Andaman and Nicobar Islands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Andhra Pradesh	14.18	14.26	15.92	14.83	15.87	3.14	3.52	4.21	3.60	4.64	2.41	2.42	2.94	1.78	1.18	11.38	13.52	17.27	13.99	13.73	
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Assam	4.39	3.63	3.46	3.60	3.56	0.58	0.65	0.79	0.52	0.63	0.79	0.71	0.80	0.55	0.47	0.14	0.18	0.14	0.19	0.19	
5	Bihar	22.34	22.65	23.30	21.53	21.96	5.87	7.44	8.12	5.52	5.66	2.03	2.46	2.61	1.38	1.26	3.19	3.31	3.63	3.96	4.25	
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Chhattisgarh	8.18	7.96	9.17	8.00	8.38	3.31	3.56	4.51	3.53	3.14	0.71	0.92	1.12	0.83	0.56	0.94	0.94	1.19	1.31	1.06	
8	Dadra and Nagar Haveli	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.21	0.25	0.22	0.26	0.28	0.02	0.04	0.04	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Goa	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.03	0.03	0.03	0.03	
12	Gujarat	20.06	23.63	23.82	21.90	24.73	4.31	5.18	6.55	5.00	6.10	1.32	1.25	1.51	1.09	0.81	5.98	6.64	7.79	6.69	5.23	
13	Haryana	21.66	20.88	21.52	20.75	20.46	5.48	5.89	6.32	4.96	5.59	0.70	0.58	0.60	0.57	0.35	0.38	0.23	0.23	0.54	0.26	
14	Himachal Pradesh	0.73	0.74	0.72	0.74	0.74	0.00	0.01	0.02	0.00	0.02	0.06	0.07	0.08	0.04	0.04	0.26	0.32	0.34	0.19	0.35	
15	Jammu and Kashmir	1.32	0.96	2.16	1.67	1.60	0.49	0.35	0.80	0.44	0.48	0.23	0.16	0.48	0.19	0.17	0.00	0.01	0.02	0.00	0.00	
16	Jharkhand	2.39	2.41	2.58	2.57	2.56	0.69	0.79	1.08	0.91	0.77	0.01	0.03	0.05	0.01	0.04	0.29	0.38	0.36	0.45	0.45	
17	Karnataka	13.91	14.63	16.43	17.84	18.21	4.88	5.54	6.82	5.73	6.21	2.64	2.59	3.35	2.54	1.41	13.31	14.70	18.24	18.72	16.67	
18	Kerala	0.95	1.14	1.27	1.15	1.12	0.21	0.17	0.21	0.14	0.19	0.84	0.89	1.09	0.77	0.78	1.16	1.32	1.44	1.26	1.02	
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	Madhya Pradesh	29.51	29.99	30.18	29.18	32.39	12.63	13.46	16.07	12.03	13.85	1.08	1.13	1.50	1.18	0.62	3.89	3.74	3.98	4.96	4.79	
21	Maharashtra	22.81	24.19	24.62	23.68	24.66	5.61	6.07	8.17	5.87	7.18	3.86	3.24	4.09	3.26	1.38	19.72	21.90	26.89	25.75	20.46	

22	Manipur	0.24	0.26	0.22	0.14	0.31	0.00	0.05	0.04	0.01	0.04	0.00	0.01	0.03	0.00	0.04	0.00	0.00	0.00	0.01	0.03
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.07	0.08	0.02	0.01	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Nagaland	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Odisha	4.96	5.56	5.27	5.53	5.60	1.69	1.99	2.52	2.37	1.94	1.08	1.21	1.38	1.07	0.61	2.23	2.53	2.65	2.49	2.63
27	Puducherry	0.13	0.11	0.14	0.15	0.17	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.01	0.04	0.07	0.09	0.07	0.06
28	Punjab	29.17	29.64	29.37	31.34	29.45	7.02	7.29	7.73	6.27	7.17	0.56	0.64	0.85	0.64	0.41	0.55	0.38	0.36	1.21	0.58
29	Rajasthan	20.92	22.97	23.21	22.59	25.17	6.71	8.38	9.17	6.10	8.47	0.29	0.26	0.32	0.24	0.14	0.91	0.62	0.64	1.20	0.72
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	9.11	9.13	9.88	10.40	10.05	2.31	2.46	2.72	2.39	2.76	2.67	2.52	3.07	2.53	1.65	5.53	6.17	7.38	8.17	7.38
32	Telangana	13.83	15.20	17.54	17.12	18.83	2.23	2.32	3.14	2.98	3.71	1.41	1.71	2.47	1.39	0.74	10.51	12.21	15.18	13.24	12.90
33	Tripura	0.11	0.17	0.14	0.18	0.19	0.00	0.02	0.05	0.01	0.02	0.00	0.07	0.04	0.01	0.02	0.00	0.01	0.01	0.01	0.02
34	Uttarakhand	2.75	2.45	2.40	2.09	2.05	0.22	0.44	0.38	0.31	0.52	0.03	0.07	0.06	0.04	0.03	0.32	0.24	0.31	0.22	0.11
35	Uttar Pradesh	62.86	70.95	74.13	71.12	74.72	17.17	21.94	25.76	21.20	22.38	1.82	2.40	2.78	1.91	1.22	6.13	5.56	6.26	6.36	4.79
36	West Bengal	13.23	13.11	12.78	13.30	14.05	2.75	3.43	3.94	2.70	3.77	2.42	2.42	3.06	1.89	2.36	8.79	9.98	11.39	10.34	9.61
	All India	320.04	336.96	350.51	341.73	357.26	87.35	101.01	119.18	92.64	105.31	26.98	27.80	34.32	23.93	16.32	95.66	105.01	125.82	121.37	107.31
