

GOVERNMENT OF INDIA  
MINISTRY OF CHEMICALS & FERTILIZERS  
DEPARTMENT OF FERTILIZERS

**LOK SABHA**

**UNSTARRED QUESTION NO. 2284 TO BE ANSWERED ON: 15.12.2023**

**Production and Consumption of DAP and Urea**

**2284: SHRI JASBIR SINGH GILL:**

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

- (a) the details on the quantum of production and consumption of DAP, Urea, Nitrogen, Potassium Nitrate in the country and the details of the quota for such chemicals;
- (b) whether the quota for such chemicals have been increased for the State of Punjab, if so, the details thereof indicating the quota allocated for the State during the last three years;
- (c) whether there is any duration in optimum quantum of various fertilizers inputs like DAP/Urea etc. required per acre for growing crops in the country and the quantum presently being used; and
- (d) if so, the details thereof and the corrective steps taken/proposed to be taken by the Government in this regard?

**ANSWER**

MINISTER OF STATE FOR CHEMICALS & FERTILIZERS

**(SHRI BHAGWANTH KHUBA)**

(a) to (d): The details of the total Production and Consumption of fertilizers such as DAP, Urea and NPK during the last three years from 2020-21 to 2022-23 are as under:

<b>Production and Consumption of fertilizers such as DAP, Urea and NPK during the last three years from 2020-21 to 2022-23</b>						
<b>( Fig. in 'LMT' )</b>						
<b>Year</b>	<b>Production</b>			<b>Consumption</b>		
	<b>Urea</b>	<b>DAP</b>	<b>NPK</b>	<b>Urea</b>	<b>DAP</b>	<b>NPK</b>
2020-21	246.05	37.74	100.54	350.51	119.18	125.82
2021-22	250.72	42.22	89.67	341.73	92.64	121.37
2022-23	284.94	43.47	100.40	357.26	105.31	107.31

The requirement of fertilizers in the country is assessed by Department of Agriculture and Farmers Welfare (DA&FW) in coordination with State Governments before every cropping season (Kharif and Rabi). The requirement of fertilizers in the State of Punjab during the last three years from 2020-21 to 2022-23 are as under:

<b>Requirement of fertilizers in the State of Punjab during the last three years from 2020-21 to 2022-23</b>			
<b>(Fig in 'LMT')</b>			
<b>Name of the Fertilizers</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Urea</b>	28.30	28.50	29.25
<b>DAP</b>	8.25	8.00	7.25
<b>NPK</b>	0.76	0.76	1.70

The requirement of N, P, K fertilizers vary from crop to crop. State Agriculture Universities (SAUs) /Indian Council of Agricultural Research (ICAR) institution provide state specific and crop specific General Fertilizer Recommendations (GFR) for use of NPK fertilizers by the farmers.

Ministry of Agriculture and Farmers Welfare maintains the data for consumption in Kg per hectare of major fertilizers on an annual basis. The State wise consumption in Kg per hectare of Urea and DAP during the last three years from 2020-21 to 2022-23 are at **Annexure I**.

Government of India is promoting Integrated Nutrient Management (INM) which includes soil test based balanced and integrated use of chemical fertilizers in conjunction with organic sources of nutrients like Farm Yard Manure (FYM), city compost, vermi-compost and bio-fertilizers that leads to saving in use of chemical fertilizers. INM is being promoted through implementation of Soil Health Card (SHC) scheme since 2015. Soil health card provides nutrient status of the soil along with prescription about balanced and integrated use of inorganic and organic fertilizers to maintain good soil health that results in increase in production.

Demonstrations about balanced use of fertilizers based on soil health card recommendations and training to the farmers on proper and integrated use of fertilizers are integral part of the scheme. Financial assistance is provided to State Governments for training of farmers, demonstrations on farmer fields and organizing farmer melas.

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**State-wise Kg per hectare of Urea and DAP during the  
last three years from 2020-21 to 2022-23**

(Unit: '000 MTs)

States/UTs	2020-21		2021-22		2022-23	
	Urea	DAP	Urea	DAP	Urea	DAP
Andhra Pradesh	182.61	48.32	171.65	41.71	197.45	57.72
Telangana	203.77	36.48	216.23	37.68	206.56	40.72
Karnataka	105.85	43.92	114.02	36.63	115.96	39.56
Kerala	25.20	4.19	22.62	2.76	22.06	3.65
Tamil Nadu	145.76	40.11	140.66	32.37	132.38	36.37
Puducherry	363.38	29.75	381.20	26.37	428.19	42.82
A&N Islands	6.15	0.00	0.25	1.24	3.79	10.88
Gujarat	165.56	45.54	152.50	34.80	174.07	42.91
Madhya Pradesh	105.93	56.42	104.46	43.07	114.15	48.80
Chhattisgarh	139.82	68.79	121.34	53.53	128.25	48.05
Maharashtra	93.23	30.92	90.14	22.34	89.83	26.14
Rajasthan	87.87	34.71	81.46	21.99	89.44	30.10
Goa	26.78	5.42	21.27	0.97	20.06	4.36
Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00
D&N Haveli	45.40	42.64	27.07	10.50	35.81	11.02
Haryana	331.73	97.36	331.30	79.12	323.96	88.55
<b>Punjab</b>	<b>374.70</b>	<b>98.65</b>	<b>400.48</b>	<b>80.17</b>	<b>375.63</b>	<b>91.49</b>
Uttar Pradesh	266.48	92.60	249.61	74.40	253.54	75.95
Uttarakhand	205.18	32.28	181.24	27.32	178.90	45.06
Himachal Pradesh	78.58	2.09	81.14	0.16	80.52	1.95
J & K	133.69	49.76	103.08	27.27	97.61	29.05
Delhi	225.41	38.19	273.99	35.62	281.45	54.88
Bihar	256.32	89.38	219.10	56.16	216.24	55.69
Jharkhand	70.05	29.35	70.21	24.73	103.49	31.02
Odisha	66.34	31.65	69.43	29.76	64.19	22.18
West Bengal	134.19	41.36	139.53	28.35	147.41	39.58
Assam	73.16	16.77	76.40	10.97	71.29	12.63
Tripura	26.49	8.74	35.45	1.57	40.04	3.38
Manipur	59.26	10.73	39.45	1.78	82.20	10.44
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00
Nagaland	1.25	0.12	4.27	0.00	-	-
Arunachal Pradesh	0.00	0.00	0.00	0.00	3.01	0.00
Mizoram	16.22	1.57	9.80	0.00	78.92	9.80
ALL INDIA	152.46	51.84	147.66	40.03	151.98	44.80

**Source: Ministry of Agriculture and Farmers Welf.**

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