

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

UN STARRED QUESTION NO. 1738 TO BE ANSWERED ON : 16.12.2022

Acute shortage of essential fertilizers

1738. SHRI B.B. PATIL:
SHRI SHANMUGA SUNDARAM K:

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

- (a) the amount of natural fertilizers produced, procured and disbursed, in the country, State-wise;
- (b) the steps taken/proposed to be taken to reduce dependency on Chemical Fertilizers and to promote the usage of Natural fertilizers in the country;
- (c) the measures implemented to create awareness amongst farmers across the country;
- (d) whether the Government has taken note of the fact that there is shortage in supply of essential raw materials for the production of fertilizers;
- (e) if so, the details thereof along with the steps taken/proposed to be taken in this regard; and
- (f) whether the Government is taking any steps to shift away from chemical fertilizers, towards organic fertilizers, if so, the details thereof

ANSWER

MINISTER OF STATE IN CHEMICALS AND FERTILIZERS
(**SHRI BHAGWANTH KHUBA**)

(a) : The amount of Organic Fertilizers and Bio-fertilizers produced during the year 2021-22 State-wise is at **Annexure- I & II**.

(b) & (c): The Indian Council of Agriculture Research (ICAR) recommends soil test based balanced and integrated nutrient management through conjunctive use of both inorganic and organic sources (manure, bio-fertilizers, etc.) of plant nutrients with 4R approaches, i.e right quantity, right time, right mode and right type of fertilizer to reduce the use of chemical fertilizers. Government has taken various steps to promote chemical free farming methods like organic and natural farming by

providing incentives and facilities to farmers and groups through Paramparagat Krishi Vikas Yojana (PKVY), Bhartiya Prakritik Krishi Padhati (BPKP), Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) and

National Project on Organic farming (NPOF). The ICAR imparts training, organizes Front Line Demonstrations (FLDs) and balanced use of fertilizer campaigns to educate farmers.

(d) & (e): P&K fertilizer sector is decontrolled. P&K fertilizer companies import the fertilizers/raw materials keeping in view the demand supply situation. Under the Nutrient Based Subsidy (NBS) Scheme implemented with effect from 1.4.2010, a fixed amount of subsidy, decided on annual/semi annual basis, is provided on subsidized P&K fertilizers depending on their nutrient content. Under the policy, MRP is fixed by fertilizer companies as per market dynamics at reasonable level which is monitored by the Government. To increase the supply of domestically available raw materials, the Ministry of Mines, State Governments of Rajasthan, Madhya Pradesh, Uttar Pradesh, Geological Survey of India and Mineral Exploration Corporation Limited have been engaged to increase the mining of domestically available fertilizer minerals (rock phosphate and potash).

(f): National Centre of Organic & Natural Farming under the Department of Agriculture and Farmers Welfare has been mandated to promote chemical free farming through following activities:

- (i) HRD Trainings to various stakeholders to popularize organic and natural farming among farmers and encourage them to use on farm inputs including organic manures.
- (ii) Publication of Training Literature.
- (iii) Dissemination of region and crop specific best package of practices/success stories etc
- (iv) IEC activities (organizing/participating in National/ International Exhibitions/ Trade Fairs, Seminars)

State-wise Production of Bio-fertilizers (2021-22)

Annexure – 1

S.No. क्र.सं.	State	Carrier based (in metric tonnes)	Liquid Based (in KL)
1	Andaman & Nicobar Island	0	0
2	Andhra Pradesh	353.87	62.61
3	Daman & Diu	0	0
4	Karnataka	1510.61	1368.37
5	Kerala	127.19	660.60
6	Lakshadweep	0	0
7	Puducherry	90.147	5.66
8	Tamil Nadu	0.00	1108.89
9	Telangana	290.31	105
10	Chhattisgarh	9.78	103.45
11	Gujarat	24772.14	8030.32
12	Goa	124.26	0
13	Madhya Pradesh	6584.79	84200.00
14	Maharashtra	7452.94	4680.88
15	Rajasthan	0.00	0
16	Dadar & Nagar Haveli		
17	Delhi	173	0
18	Chandigarh	0	0
19	Haryana	99809.61	108982.00
20	Himachal Pradesh	120.45	137.00
21	Jammu & Kashmir*	0.55	3.3
22	Punjab	3063.70	85.70
23	Uttar Pradesh	132.11	0.00
24	Uttarakhand	3476.03	566.84
25	Bihar	6545.656	0.00
26	Jharkhand	0	0
27	Odisha	13367.97	200.818
28	West Bengal	703.00	12.48
29	Arunachal Pradesh	0	0
30	Assam	524.85	22582.00
31	Manipur	22.10	24.74
32	Meghalaya	0	0
33	Mizoram	0.90	0
34	Nagaland	6.04	0
35	Sikkim	0.00	11.31
36	Tripura	117.04	2.32
	Total	169379.04	232934.29

State-wise Production of organic fertilizers (2021-22)

Annexure – II

S. N.	State	City Compost (MT)	Organic manure (MT)	Vermi-compost (MT)	Phosphate rich organic manure (PROM)	Bioenriched Organic Manure (MT)	Bone meal, raw (MT)	Bone meal, Steamed (MT)	Potash derived from Rhodophytes (MT)	Fermented Organic Manure (MT)	Rural Compost (MT)	Farm Yard Manure (MT)	Total Manure in MT	Deoiled Cake (MT)	Liquid Fermented Organic Manure (KL)
1	Andhra Pradesh	0	463	964	617	157	0	0	0	0	18000	4805	25006	0	0
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Assam	2350	9050	111950	2202	1195.1	0	0	0	0	1512	2445	130704.1	121	0
4	Bihar	0	0	47860.95	0	0	0	0	0	0	0	0	47860.95	0	0
5	Chhattisgarh	752	30	137.07	1237.8	9.6	0	0	0	0	0	0	2166.47	0	0
6	Delhi	27033	140	484	0	0	0	0	0	0	0	0	27657	0	0
7	Goa	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Gujarat	34485.62	93545.598	580	26312.18	3500	0	0	0	0	16285.3	215600	390308.698	7185.12	0
9	Haryana	58512.28	44116.04	17718.97	59040.661	910.712	0	0	0	0	0	0	180298.663	289.38	8341.88
10	Himachal Pradesh	0	0	17.8	0	0	0	0	0	0	0	0	17.8	0	0
11	Jammu & Kashmir	0	6700	3608	0	100	0	0	0	0	0	5304100	5314508	0	0
12	Jharkhand	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Karnataka	75476	153204	22188	21361	19381	0	0	0	0	254875	37542874	38089359	2273	0
14	Kerala	17329.9	19145.01	518.913	614	596.795	8837.667*	0	0	0	45.25	0	38249.868	5011.13	0
15	Madhya Pradesh	14429.55	29135.62	7513.74	42358.89	816.5	0	0	0	0	0	0	94254.3	0	0
16	Maharashtra	75942	53386	11924.28	89900	0	153	0	0	0	0	0	231305.28	5520	0
17	Manipur	0	100	0	50	0	0	0	0	0	0	0	150	0	0
18	Meghalaya	0	0	308	0	0	10	0	0	0	0	13200	13518	0	0
19	Mizoram	0	1.5	42.6	0	0.2	0	0	0	0	0	13.5	57.8	0	0
20	Nagaland	0	561	1086	0	0	0	0	0	0	12984	53720	68351	0	0
21	Odisha	3460.175	1831.9	28573.9	200	200	150	0	0	0	1200	1500	37115.975	1350	0
22	Punjab	0	91.19	9.2	101.78	26.534	0	0	172.3	72.44	0	0	473.444	82.29	0
23	Rajasthan	3700	4000	4750	3640	2050	0	0	190	0	0	0	18330	0	0
24	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Tamil Nadu	31947		28170									60117		0
26	Telangana	25035	99	1650	670	241	0	0	0	0	0	0	27695	0	0
27	Tripura	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Uttar Pradesh	117364.5	17661.99	225	4174.56	0	0	0	0	0	0	0	139426.05	0	0
29	Uttarakhand	2500	765.57	501.45	3193.535	0.59	0	0	0	0	0	0	6961.145	14246.8	0
30	West Bengal	0	2584.1	2232.82	0	1846.6	0	0	0	0	0	0	6663.52	0	0
31	Chandigarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Puducherry	0	0	130	0	0	0	0	0	0	0	0	130	0	0
	Total	490317.025	436611.518	293144.693	255673.406	31031.631	313	0	362.3	72.44	304501.55	4313257.5	44950685.06	36078.72	8341.88
