

Production of fertilizers in the country

†2060. SHRI MAHENDRA SINGH MAHRA: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) whether farmers are getting fertilizers in adequate quantity at present;
- (b) whether fertilizers are being produced in the country as per the demand of farmers;
- (c) if not, names of the countries from where fertilizers are being imported, quantity-wise; and
- (d) the steps proposed to be taken by Government to produce fertilizers in adequate quantity in the country itself?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI SRIKANT JENA): (a) Yes, Sir. Details showing requirement, availability and sales of fertilizers from April, 2012 to February, 2013, is given in the Statement-I (*See* below).

(b) There is gap between the fertilizers being produced in the country *vis-a-vis* the demand (requirement) of fertilizers. The indigenous production of fertilizers is less than the annual demand (requirement) of fertilizers. The statement showing annual demand (requirement) and indigenous production of fertilizer is given in the Statement-II (*See* below).

(c) The statement in respect of country-wise quantity of fertilizers imported during the last three years and current year (upto February, 2013) is given in the Statement-III, IV and V respectively.

(d) The Government is fully aware that country is dependent on imports of fertilizers. In case of Urea, the country is import dependent to the extent of about 25% of its total requirement. In potash sector, the country is fully import dependent as there are no known reserves of Potash within the country. In Phosphatic sector, country is import dependent to the extent of 90%, either in the form of finished fertilizers or its raw material, as there are very limited reserves of rock phosphates.

The gap between requirement and domestic availability of fertilizers is being met through imports. In order to reduce import dependence, the fertilizer companies are encouraged to form Joint Ventures (JV) abroad in resource rich countries. Such JVs may be in the form of investment in production facilities with long term buy back arrangement. The Government is also encouraging its Public Sector Undertakings for acquisition of fertilizer mineral assets abroad.

In Urea Sector, at the behest of the Government, a JV namely OMIFCO (Oman India Fertilizers Company) has been formed in Oman with long term off-take agreement of 16.5 LMT of Urea and 2.4 LMT of Ammonia at a fixed price.

In order to attract new domestic investment in Urea Sector, Government has notified a New Investment Policy on 2nd January, 2013. The policy also encourages JVs abroad and offtake arrangements from such JVs in countries rich in natural gas.

†Original notice of the question was received in Hindi.

Statement-I

Requirement, Availability and Sales of Fertilizers during the year 2012 (April, 2012 to February, 2013) along with Stock Pre-Positioned

States	UREA			DAP			MOP			NPK		
	Require- ment	Availa- bility	Sales	Require- ment	Availa- bility	Sales	Require- ment	Availa- bility	Sales	Require- ment	Availa- bility	Sales
1	2	3	4	5	6	7	8	9	10	11	12	13
Andhra Pradesh	31.50	27.73	27.16	11.80	7.51	5.67	6.45	3.65	2.76	21.75	20.00	16.12
Karnataka	14.20	13.05	12.76	8.50	5.72	3.34	5.25	2.88	2.31	13.40	10.76	7.77
Kerala	1.97	1.29	1.29	0.44	0.29	0.22	1.84	1.00	0.85	2.44	1.67	1.47
Tamil Nadu	10.99	8.83	8.76	4.36	2.33	2.14	5.17	2.29	2.11	6.49	6.39	5.21
Gujarat	22.65	18.16	17.52	8.40	4.93	3.18	1.90	0.81	0.74	5.25	5.56	3.83
Madhya Pradesh	18.42	19.54	18.04	11.48	13.73	9.55	1.40	1.01	0.73	4.34	2.90	2.18
Chhattisgarh	6.80	6.84	5.69	3.07	3.00	1.92	1.18	0.98	0.61	1.70	1.32	0.94
Maharashtra	26.25	21.45	20.61	14.87	8.73	6.03	5.85	3.45	2.93	18.01	14.92	11.15
Rajasthan	16.61	17.93	17.34	7.18	7.08	5.56	0.48	0.15	0.12	1.55	0.85	0.81

1	2	3	4	5	6	7	8	9	10	11	12	13
Haryana	19.75	20.42	18.94	7.00	8.65	6.17	0.71	0.21	0.19	0.93	0.26	0.24
Punjab	25.70	28.94	26.11	7.95	10.19	8.52	1.01	0.43	0.33	1.45	0.48	0.39
Himachal Pradesh	0.63	0.68	0.64	0.00	0.00	0.00	0.06	0.07	0.06	0.45	0.23	0.17
Jammu and Kashmir	1.42	1.37	1.00	0.83	0.58	0.43	0.34	0.15	0.12	0.00	0.00	0.00
Uttar Pradesh	59.00	62.29	56.78	18.05	24.99	19.75	3.40	1.54	1.25	11.28	7.70	6.46
Uttarakhand	2.36	2.39	2.28	0.33	0.33	0.24	0.08	0.05	0.04	0.55	0.39	0.31
Bihar	20.60	19.48	18.91	4.90	5.95	4.97	2.25	1.51	1.05	3.60	3.47	2.66
Jharkhand	2.64	1.94	1.78	1.23	0.59	0.49	0.32	0.07	0.03	1.24	0.26	0.26
Orissa	6.00	5.02	4.70	2.70	1.35	1.24	1.88	0.75	0.71	3.89	2.40	1.91
West Bengal	12.28	13.25	11.55	4.93	4.72	3.75	3.63	2.85	1.99	7.61	8.35	7.43
Assam	2.94	2.37	2.32	0.60	0.33	0.27	1.36	0.71	0.53	0.21	0.06	0.05
ALL INDIA	304.30	293.72	274.90	119.83	111.07	83.53	45.03	24.66	19.55	106.69	88.14	69.49

Statement-II*Requirement and production of fertilizers during the year 2012-13 (Upto February)*

(Figures in LMT)

Product	Requirement	Production
Urea	304.28	204.96
DAP	119.83	33.32
MOP	40.31	0
NPK	106.71	59.08

Statement-III*Country-wise details of Import of Urea*

Country Name	2009-10	2010-11	2011-12	2012-13
Bahrain	1.59	1.42	0.88	0
Bangladesh	0.26	0	0	0
China	5.34	25.07	12.8	37.67
CIS	9.45	2.93	11.08	7.07
Egypt	0.45	0	0	0
Indonesia	0.57	1.24	1.06	0.62
Iran	2.76	11.12	19.97	15.77
Kuwait	0.78	0	1.02	0
Lithuania	0.46	0	0.44	0
Malaysia	0.55	0	0.15	0
Oman*	23.38	23.65	24.15	17.10
Qatar	2.99	0	1.33	0
Romania	0.51	0	0.94	0
Russia	0	0	1.95	0
Saudi-Arabia	3.01	0.43	1.17	0
UAE	0	0.24	0.47	0
Vietnam	0	0	0.93	0.41
GRAND TOTAL	52.1	66.1	78.34	78.64

* including urea imported from Sur, Oman under Long Term Urea Off Take Agreement.

Statement-IV*Country-wise import of fertilizers year 2009 to 2012-13 (till February)**DAP, MAP, TSP, NPK (Qty. in LMTS.)*

Sl. No.	Country of Origin	2009-10			2010-11		
		DAP	MAP	TSP	DAP	MAP	TSP
1	2	3	4	5	6	7	8
1	Australia	-	-	-	0.84	-	-
2	Canada	-	-	-	-	-	-
3	China	1.02	-	0.87	25.25	0.34	0.72
3	Estonia	-	0.36	-	-	-	-
4	CIS	1.04	-	-	0.23	-	-
5	Germany	-	-	-	-	-	-
6	Greece	-	-	-	-	-	-
7	Israel	-	-	-	-	-	0.26
8	Korea	-	-	-	0.51	-	-
9	Mexico	0.10	-	-	1.96	-	-
10	South Africa	-	-	-	-	-	-
11	Tallin	-	-	-	-	-	-
12	Thailand	-	-	-	-	-	-
13	Saudi Arabia	-	-	-	-	-	-
14	Tunisia	0.94	-	-	1.32	-	-
15	Ukraine	.	-	-	0.53	-	-
16	Turkey	0.27	-	-	0.25	-	-
17	USA	30.20	-	-	24.30	-	-
18	Vietnam	-	-	-	0.11	-	-
19	Dubai	-	-	-	0.03	-	-
20	Lithuania	-	-	-	2.24	-	-
21	Jordan	13.90	-	-	6.06	-	-
22	Russia	11.42	1.57	-	7.03	1.37	-
23	Iran	-	-	-	-	0.01	-
24	Indonesia	-	-	-	-	-	-

Statement-IV*Country-wise import of fertilizers year 2009 to 2012-13 (till February)**DAP, MAP, TSP, NPK (Qty. in LMTS.)*

NPK/NPS	2011-12				2012-13 (till February)			
	DAP	MAP	TSP	NPK	DAP	MAP	TSP	NP
9	10	11	12	13	14	15	16	17
-	1.06	-	-	-	0.44	-	-	-
-	0.83	-	-	-	-	-	-	-
6.09	24.27	3.60	1.60	33.14	25.19	1.52	-	1.30
1.41	-	0.38	-	0.66	0.33	-	-	0.98
-	-	0.45	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
0.26	-	-	-	-	-	-	-	-
-	-	-	-	0.25	-	-	-	0.33
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	2.77	-	-	-	9.32	-	-	-
-	-	-	-	-	-	-	-	-
1.07	0.28	-	-	0.60	-	-	-	-
-	-	-	-	-	-	-	-	-
-	20.60	-	-	0.09	10.31	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	2.66	-	-	-	-	-	-	-
-	4.58	-	-	-	2.79	-	-	-
0.27	5.91	0.51	-	1.99	1.19	-	-	1.37
-	-	-	-	-	-	-	-	-
0.51	-	-	-	-	-	-	-	-

1	2	3	4	5	6	7	8
25	Morocco	-	-	-	3.45	-	-
26	Philippines	-	-	-	-	-	-
27	Uzbekistan	-	-	-	-	0.16	-
TOTAL		58.89	1.93	0.87	74.11	1.88	0.98

Statement-V

Country-wise MoP import during 2009 to 2012-2013 (till February) (Qty. in LMTS.)

Sl. No.	Country	2009-10			2010-11		
		Industrial Use	Direct	Total	Industrial Use	Direct	Total
1	Canada	1.47	4.98	6.44	3.89	5.96	9.86
2	Chile	0.36	0.02	0.38	-	-	-
3	China	-	-	-	-	-	-
4	CIS + Belarus	3.83	11.42	15.25	4.74	11.04	15.77
5	Germany	0.44	0.59	1.03	0.63	0.80	1.43
6	Israel	2.45	13.99	16.44	2.97	10.97	13.94
7	Jordan	3.19	4.89	8.08	4.23	5.46	9.69
8	Latvia	-	-	-	-	-	-
9	Lithuania	-	-	-	0.38	1.61	1.99
10	Russia	0.36	2.93	3.29	1.66	8.01	9.67
11	Saudi Arabia	-	-	-	-	-	-
12	Singapore	-	-	-	-	0.41	0.41
13	Spain	-	0.25	0.25	0.07	0.74	0.81
14	UK	-	0.23	0.23	-	-	-
15	Ukraine	-	0.90	0.90	-	-	-
16	USA	-	0.22	0.22	-	-	-
17	Ventspils	-	0.36	0.36	-	-	-
TOTAL		12.10	40.77	52.86	18.57	45.00	63.57

9	10	11	12	13	14	15	16	17
-	6.09	-	-	-	6.22	-	-	-
0.20	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
9.81	69.05	4.94	1.60	36.73	55.79	1.52	-	4.05

Statement-V

Country -wise MoP import during 2009 to 2012-2013 (till February)

(Qty. in LMTS.)

2011-12			2012-13 (Till February)		
Industrial Use	Direct	Total	Industrial Use	Direct	Total
2.69	2.90	5.59	0.69	1.70	2.39
-	-	-	-	-	-
0.48	0.36	0.84	-	-	-
1.11	2.26	3.37	0.25	0.85	1.10
-	1.10	1.10	0.28	0.61	0.89
2.16	6.77	8.93	1.80	3.45	5.25
3.14	0.82	3.96	0.30	2.05	2.14
0.40	1.87	2.27	-	-	-
1.06	0.34	1.40	-	0.34	0.34
1.53	9.53	11.06	1.71	8.20	9.91
-	-	-	-	0.67	0.67
-	-	-	-	-	-
-	0.25	0.25	-	-	-
-	-	-	-	-	-
0.33	0.74	1.07	-	0.27	0.27
-	-	-	-	-	-
-	-	-	-	-	-
12.91	26.94	39.85	5.02	18.14	22.95