

GOVERNMENT OF INDIA  
MINISTRY OF CHEMICALS & FERTILIZERS  
DEPARTMENT OF FERTILIZERS

LOK SABHA

STARRED QUESTION NO.\*266  
TO BE ANSWERED ON 21.03.2017

**Demand and supply of fertilizers**

\*266 **SHRI D.S. RATHOD:**  
**SHRI ANANDRAO ADSUL:**

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

- (a) the demand and supply of various fertilizers in the country during the last three years and the current year, State-wise;
- (b) whether shortage of fertilizers and delay in supply have been reported in various States and if so, the details thereof and the remedial steps taken thereon;
- (c) whether the Fertilizer Association of India along with Argus Media had organized a two-day event to understand trends and anticipated growth in water soluble fertilizers in the country and if so, the details and the outcome thereof;
- (d) the major issues discussed in the aforesaid conference along with the outcome thereof; and
- (e) the steps taken by the Government to meet the growing demand for NPK and water soluble fertilizers in the country?

MINISTER FOR CHEMICALS & FERTILIZERS AND PARLIAMENTARY AFFAIRS

**(SHRI ANANTH KUMAR)**

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\*(a) to (e): A statement is laid on the Table of the House.

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF THE LOK SABHA STARRED QUESTION NO. \*266 TO BE ANSWERED ON 21.03.2017 REGARDING "DEMAND AND SUPPLY OF FERTILIZERS".**

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(a): A state-wise statement showing cumulative demand(requirement), supply (availability) and sales of subsidized chemical fertilizers i.e. (Urea, DAP, MOP &NPK) for the last three years i.e. 2013-14 to 2014-15 and current year, 2016-17 (upto February) is at **Annexure-1**.

(b): It can be seen from the statement at Annexure-1 that there is no shortage or availability of any fertilizer. It is also informed that there is no report of delay in supply to any State.

(c) & (d): The Fertilizer Association of India in collaboration with Argus FMB organized a Conference on 'NPK and Water Soluble Fertilizers India 2017' on 9-10 February, 2017 at New Delhi. The Conference was attended by 100 participants from 15 countries. Thirteen presentations on various topics like demand, supply, quality of NPK & water soluble fertilizers, water management, balanced nutrient management including micronutrients, etc. were made. It was presented that growth in speciality fertilizers (which includes water soluble fertilizers), is driven by innovative products, fertigation and foliar method of application of fertilizers.

During the presentations, it emerged that the use of water soluble fertilizers has increased from 9600 metric tonnes in 2002-03 to 178000 metric tonnes in 2015-16, which translates to an annual compound growth rate of 25.2 percent. The use of water soluble fertilizers is expected to grow in view of growing adoption of micro irrigation system namely drip & sprinkler, increasing area under horticultural crops etc.

(e): To meet the growing demand for NPK fertilizers in the country, the P&K fertilizers were brought under Nutrient Based Subsidy Policy in the year 2010. Under this policy fixed subsidy is paid on the nutrient content for notified products. Before the start of the season the demand for P&K fertilizers is assessed by Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW). Accordingly, monthly supply plan commensurate with the monthly requirement is issued to all the States. To bridge the gap between the requirement and domestic production, companies import P&K fertilizers (which are under Open General Licence). In past few years there have been no shortage of P&K fertilizers. For water soluble P & K fertilizers, DAC&FW has notified six 100% water soluble P&K fertilizers and also notified the specifications in Fertilizer Control Order.

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Cumulative Requirement, Availability and (First Point Sales) of Fertilizers during the year 2011-12 to 2016-17 (UPTO Feb 2017)

States	Year	Urea			DAP			MOP			NPK	
		Requirement	Availability	Sales	Requirement	Availability	Sales	Requirement	Availability	Sales	Requirement	Availability
Assam	2013-14	345.00	268.14	267.24	60.00	30.52	29.49	125.00	84.22	80.23	27.50	5.63
Assam	2014-15	315.00	318.67	316.19	45.00	37.30	33.42	125.00	78.71	67.46	10.00	12.70
Assam	2015-16	330.00	393.18	390.94	50.00	57.52	48.47	130.00	71.61	70.11	10.00	15.73
Assam	2016-17	287.90	280.56	265.66	40.79	56.86	45.30	101.00	74.18	71.27	10.00	10.58
Andhra Pradesh	2013-14	3250.00	3511.53	3486.94	1100.00	630.22	614.71	500.00	344.97	326.35	2200.00	2076.31
Andhra Pradesh	2014-15	1827.00	1854.33	1806.61	551.60	312.60	294.44	294.25	276.66	253.83	1383.60	1339.70
Andhra Pradesh	2015-16	1735.00	1621.06	1546.82	470.00	388.63	376.99	350.00	222.92	212.15	1350.00	1249.29
Andhra Pradesh	2016-17	1437.33	1467.44	1360.85	434.57	377.24	327.68	278.66	258.62	249.58	1103.10	1148.07
Bihar	2013-14	2150.00	1876.68	1870.63	525.00	378.96	360.15	153.75	146.39	139.99	375.00	179.88
Bihar	2014-15	1900.00	1942.90	1940.40	460.00	365.62	352.71	155.00	176.58	153.71	275.00	287.42
Bihar	2015-16	1925.00	2383.51	2358.21	500.00	587.90	545.34	190.00	164.74	153.74	325.00	386.61
Bihar	2016-17	1870.00	1841.02	1773.09	585.00	537.18	473.09	182.50	238.02	212.69	390.00	255.43
Chattisgarh	2013-14	700.00	643.10	634.47	310.00	252.44	243.46	105.75	66.86	56.20	190.00	79.91
Chattisgarh	2014-15	675.00	632.09	627.82	275.00	237.05	232.50	85.00	69.95	60.79	180.00	78.19
Chattisgarh	2015-16	675.00	874.43	845.01	300.00	328.43	312.99	105.00	82.21	71.59	150.00	98.44
Chattisgarh	2016-17	588.84	588.22	526.62	355.00	298.75	242.58	119.00	68.52	50.54	158.00	78.04
Gujarat	2013-14	2225.00	2082.06	2077.78	540.00	400.10	382.47	130.00	125.42	110.84	473.00	477.37
Gujarat	2014-15	2200.00	2274.84	2269.56	540.00	430.75	404.39	140.00	136.17	133.17	520.00	594.05
Gujarat	2015-16	2050.00	2131.06	2103.79	500.00	527.63	512.10	180.00	119.23	117.37	520.00	626.30
Gujarat	2016-17	1800.00	1945.70	1871.01	515.00	418.94	363.23	140.00	142.71	134.82	515.70	576.41
Hararyana	2013-14	1950.00	1855.05	1844.77	350.00	314.13	307.67	35.00	23.59	23.59	55.00	11.08
Hararyana	2014-15	1860.00	2005.03	2001.75	450.00	427.01	411.97	25.00	58.89	51.46	45.00	35.64
Hararyana	2015-16	1860.00	2169.57	2112.76	600.00	679.87	663.63	45.00	49.90	39.54	65.00	27.77
Hararyana	2016-17	1750.00	1932.32	1856.09	620.00	578.90	534.37	34.00	64.92	53.06	62.20	22.98
Himachal Pradesh	2013-14	63.00	63.93	63.93	0.00	0.00	0.00	7.10	8.80	8.80	30.00	22.60
Himachal Pradesh	2014-15	70.00	67.43	67.36	0.00	0.00	0.00	8.60	10.08	9.88	31.00	20.85
Himachal Pradesh	2015-16	71.00	73.31	73.08	0.00	0.00	0.00	8.70	7.73	7.73	30.00	35.85
Himachal Pradesh	2016-17	57.00	56.18	56.16	0.00	0.78	0.78	6.21	9.09	8.06	32.80	30.68
J&K	2013-14	145.50	135.41	125.88	74.75	60.48	54.14	20.44	18.53	17.73	0.00	1.80
J&K	2014-15	138.00	116.70	115.93	72.00	73.31	63.71	25.00	30.31	24.53	0.00	2.03
J&K	2015-16	132.17	158.65	154.84	78.00	61.49	59.25	26.00	10.93	10.93	0.00	2.56
J&K	2016-17	109.76	98.81	91.88	58.62	61.42	53.94	20.49	26.70	26.36	2.00	0.72
Jharkhand	2013-14	260.00	167.54	162.54	90.00	29.36	28.77	21.00	3.28	3.28	75.00	16.41
Jharkhand	2014-15	225.00	180.17	180.17	75.00	27.08	27.08	16.00	0.63	0.63	55.00	26.26
Jharkhand	2015-16	225.00	239.31	235.05	105.00	66.38	66.35	16.00	3.21	3.21	85.00	35.14
Jharkhand	2016-17	237.00	212.57	200.05	95.00	61.92	51.27	10.30	3.09	2.81	57.50	14.45
Karnataka	2013-14	1550.00	1500.62	1479.12	700.00	485.86	456.45	490.00	263.38	253.71	1450.00	1170.18
Karnataka	2014-15	1400.00	1542.23	1532.42	600.00	524.06	509.69	325.00	394.48	362.86	1200.00	1261.34
Karnataka	2015-16	1370.75	1537.75	1461.47	590.00	615.20	588.86	391.20	263.89	248.26	1163.00	1289.83
Karnataka	2016-17	1180.00	1304.37	1203.35	512.00	608.47	527.85	284.00	249.15	216.58	1026.80	1130.40
Kerala	2013-14	200.00	143.92	143.90	27.70	30.87	26.86	187.00	95.83	95.79	243.15	157.51
Kerala	2014-15	170.00	135.80	135.80	25.00	35.01	31.07	163.00	115.33	114.10	230.00	149.63
Kerala	2015-16	168.00	148.04	140.78	34.00	27.55	23.56	175.00	87.59	85.93	225.00	132.00
Kerala	2016-17	81.70	111.74	106.26	21.90	31.49	27.05	52.30	92.54	82.23	96.75	114.57
Madhya Pradesh	2013-14	1925.00	2300.66	2284.43	1150.00	893.02	843.90	100.00	59.65	50.54	420.00	220.33

States	Year	Urea			DAP			MOP			NPK		
		Requirement	Availability	Sales	Requirement	Availability	Sales	Requirement	Availability	Sales	Requirement	Availability	
Madhya Pradesh	2014-15	2000.00	2072.97	2070.35	1000.00	917.44	902.77	90.00	99.19	83.06	345.00	345.00	249.64
Madhya Pradesh	2015-16	2800.00	2483.66	2387.13	1200.00	1129.61	1050.60	110.00	104.84	79.32	375.00	375.00	325.31
Madhya Pradesh	2016-17	2150.00	2339.78	2166.54	1200.00	966.92	762.09	122.00	111.65	93.87	390.00	390.00	330.55
Maharashtra	2013-14	2700.00	2654.38	2641.96	1400.00	584.73	582.62	492.30	357.50	325.90	1750.00	1750.00	1591.72
Maharashtra	2014-15	2650.00	2577.51	2567.96	850.00	569.39	559.39	400.00	489.75	448.02	2000.00	2000.00	1701.95
Maharashtra	2015-16	2700.00	2401.21	2359.51	850.00	680.41	672.19	475.00	328.07	316.38	2100.00	2100.00	1917.19
Maharashtra	2016-17	2339.35	2319.85	2178.04	736.40	568.97	521.47	445.50	343.72	332.27	2038.20	2038.20	1673.25
Orissa	2013-14	680.00	533.02	520.64	245.00	150.15	139.81	160.00	93.51	88.57	380.00	380.00	184.63
Orissa	2014-15	600.00	506.39	504.09	160.00	149.03	147.37	125.00	93.87	89.76	325.00	325.00	232.78
Orissa	2015-16	660.00	609.68	587.15	240.00	171.67	164.46	160.00	88.89	88.69	380.00	380.00	267.25
Orissa	2016-17	588.00	474.05	452.51	204.50	164.50	142.54	143.00	93.47	88.24	359.00	359.00	202.35
Punjab	2013-14	2640.00	2620.56	2617.75	915.00	487.11	468.13	70.00	41.59	34.56	120.00	120.00	29.43
Punjab	2014-15	2480.00	2735.30	2734.22	900.00	735.74	714.97	50.00	75.14	64.69	45.00	45.00	46.34
Punjab	2015-16	2650.00	3152.24	3085.70	900.00	849.27	810.33	63.00	60.93	53.27	35.00	35.00	45.38
Punjab	2016-17	2450.00	2500.31	2399.69	840.00	713.71	692.12	100.00	75.05	74.10	66.00	66.00	38.13
Rajasthan	2013-14	1800.00	1850.27	1844.65	604.00	487.05	470.29	23.20	4.49	2.61	120.70	120.70	32.69
Rajasthan	2014-15	1850.00	1848.65	1846.61	500.00	570.52	565.52	16.00	15.95	11.97	96.00	96.00	67.62
Rajasthan	2015-16	1925.00	2095.64	2077.11	675.00	800.49	790.23	16.00	15.18	15.16	95.00	95.00	74.39
Rajasthan	2016-17	1729.00	1950.68	1892.37	450.00	650.50	594.46	22.40	16.90	16.12	78.20	78.20	61.00
Tamil Nadu	2013-14	1050.00	911.63	911.26	400.00	220.81	217.72	391.00	256.14	246.32	693.30	693.30	505.38
Tamil Nadu	2014-15	1000.00	990.32	989.64	375.00	241.76	238.44	400.00	301.45	293.05	650.00	650.00	537.14
Tamil Nadu	2015-16	1050.00	1140.78	1117.33	350.00	303.13	300.63	400.00	300.70	297.22	650.00	650.00	618.92
Tamil Nadu	2016-17	808.30	755.93	706.65	350.30	242.46	206.97	378.70	265.10	247.56	563.00	563.00	527.34
Telangana	2013-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Telangana	2014-15	1423.00	1246.70	1236.15	323.40	168.20	164.77	130.75	116.58	108.47	766.40	766.40	783.02
Telangana	2015-16	1429.00	1334.78	1256.44	350.00	219.90	211.84	175.00	106.09	100.20	950.00	950.00	877.22
Telangana	2016-17	1270.00	1552.36	1448.96	270.00	235.15	219.81	160.00	160.59	151.74	870.00	870.00	947.01
Uttar Pradesh	2013-14	6200.00	5938.30	5876.25	1865.00	1569.00	1403.62	180.00	113.35	109.54	1100.00	1100.00	422.72
Uttar Pradesh	2014-15	6200.00	6313.85	6253.57	1950.00	1684.01	1617.01	175.00	235.86	203.54	900.00	900.00	657.22
Uttar Pradesh	2015-16	5947.00	6013.29	5798.64	1950.00	2242.76	2179.92	200.00	228.35	219.39	1050.00	1050.00	729.81
Uttar Pradesh	2016-17	5500.00	5382.72	5051.30	1900.00	2084.84	1698.93	240.00	276.21	271.19	850.00	850.00	511.19
Uttaranchal	2013-14	250.00	280.41	275.57	35.00	22.03	21.81	4.50	1.42	1.42	54.00	54.00	39.77
Uttaranchal	2014-15	250.00	281.71	279.85	35.00	25.97	25.53	4.50	1.96	1.95	50.00	50.00	41.87
Uttaranchal	2015-16	245.00	371.50	360.42	40.00	31.62	30.72	9.00	3.27	3.27	50.00	50.00	34.52
Uttaranchal	2016-17	230.00	347.32	338.27	34.00	38.32	30.99	4.50	5.38	5.38	37.50	37.50	32.38
West Bengal	2013-14	1450.00	1250.11	1238.72	550.00	256.40	243.84	287.00	214.68	207.54	950.00	950.00	725.52
West Bengal	2014-15	1320.00	1313.10	1312.08	375.00	262.77	254.65	240.00	288.05	236.38	850.00	850.00	920.94
West Bengal	2015-16	1264.90	1486.81	1438.00	419.00	351.05	331.56	350.00	242.57	221.82	959.00	959.00	1002.41
West Bengal	2016-17	1145.00	1128.78	1078.00	368.00	297.13	266.91	260.00	256.51	241.20	952.51	952.51	944.92
All India	2013-14	31690.15	30675.23	30454.20	10985.67	7290.44	6903.04	3513.32	2332.37	2192.25	10735.57	10735.57	7963.46
All India	2014-15	30670.57	31042.07	30873.89	9593.52	7780.43	7557.14	3026.07	3072.28	2779.86	9981.21	9981.21	9057.05
All India	2015-16	31335.25	32899.57	31968.05	10234.20	10128.01	9747.48	3608.12	2571.02	2423.45	10588.51	10588.51	9803.07
All India	2016-17	27691.25	28668.89	27100.73	9621.51	9002.34	7790.31	3135.58	2843.41	2639.18	9674.63	9674.63	8663.39