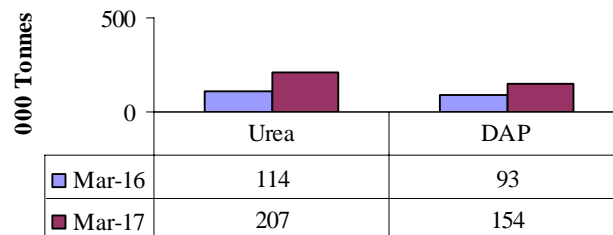


FERTILIZER REVIEW

MID APRIL, 2017

Urea and DAP offtake during March 2016 and 2017



GOVERNMENT OF PAKISTAN
MINISTRY OF PLANNING, DEVELOPMENT AND REFORM
NATIONAL FERTILIZER DEVELOPMENT CENTRE
STREET NO. 1, SECTOR H-8/1, P.O. BOX NO. 3104
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FERTILIZER SITUATION: MID APRIL 2017, RABI 2016-17 AND OUTLOOK FOR KHARIF 2017

Executive Summary

1. SUPPLY/DEMAND SITUATION

Fertilizer offtake during March, 2017

Total fertilizer nutrient offtake during March 2017 was about 233 thousand tonnes, which represented an increase of 62.1 per cent over March 2016. Nitrogen offtake increased by 67.1 per cent while phosphate increased by 53.7 per cent. Potash offtake witnessed an increase of 72 per cent over previous March 2016. In product terms, urea offtake was 207 thousand tonnes, which exhibited an increase of 81 per cent. DAP offtake was 154 thousand tonnes, which recorded an increase of 65.8 per cent over March 2016.

Fertilizer offtake during Rabi 2016-17

The cumulative nutrient offtake during Rabi 2016-17 was about 2678 thousand tonnes, witnessing an increase of 15.7 per cent over the same time frame of Rabi 2015-16. Nitrogen offtake increased by 18.4 per cent, whereas phosphate offtake increased by 9.3 per cent over previous Rabi season. Potash offtake witnessed an increase of 72.3 per cent. As far as fertilizer products are concerned, urea offtake during Rabi 2016-17 was 2892 thousand tonnes showing an increase of 18.8 per cent and DAP offtake was 1608 thousand tonnes showing increase of 11.1 per cent over same time frame of previous season.

Fertilizer production and Imported Supplies

Production of all fertilizer products during March 2017 was about 758 thousand tonnes. Out of which, urea production was 533 thousand tonnes, (70.4 per cent of total products). Other products were: DAP 74 thousand tonnes, CAN 73 thousand tonnes, Nitrophos 67 thousand tonnes, SSP 4 and NPK's 6 thousand tonnes. Imported supplies were around 29 thousand tonnes comprising of 19 thousand tonnes of DAP, 2.3 thousand tonnes SOP, 4 thousand tonnes of MOP and 3.6 thousand tonne of AS.

2. PRICE TREND

Domestic: Prices of urea (sona), DAP, NP and CAN slightly increased by 0.4, 0.3, 1.0 and 0.6 per cent as compared with previous month. Price of SOP decreased by 3.4 per cent due to subsidy by Government of Punjab.

International: Urea FOB bulk China price was at US \$ 225-237/t. Fob bulk, Middle East urea price was seen at US \$ 225-250/t. DAP price remained in the range of US \$ 306-345/st in US Gulf and US \$ 360-380/t in China. Ex-Karachi price of imported urea was in the range of Rs. 1588 to Rs. 1753 per 50 kg bag while that of DAP was Rs. 2664 to Rs. 2974 per 50 kg bag.

3. OUTLOOK FOR KHARIF 2017

3.1 Urea

Kharif 2017 started with healthy inventory of 1520 thousand tonnes of urea. Local urea production is estimated around 2900 thousand tonnes. Total availability of urea including stocks, and domestic production is expected to be around 4420 thousand tonnes during Kharif 2017. Against the availability of urea, total demand during Kharif 2017 is forecasted around 3000 thousand tonnes, reflecting a satisfactory situation.

3.2 DAP

Kharif 2017 started with an opening stock of 59 thousand tonnes of DAP. Domestic production of 72 and 68 thousand tonnes and scheduled imported supplies of 74 and 85 thousand tonnes during April and May 2017 would hardly be sufficient to meet the demand of DAP during same period. Fertilizer importers have not indicated the schedule of further imports of DAP for Kharif 2017. The importers are pressing hard to release their pending claims of subsidy so that they could be able to put the order for next import of DAP.

**FERTILIZER SITUATION: MID APRIL 2017, RABI 2016-17 AND
OUTLOOK FOR KHARIF 2017**

1. INTRODUCTION

This brief review presents the product-wise and nutrient-wise fertilizer supply/demand situation during March 2017 and actual position during Rabi 2016-17 with a brief outlook for Kharif 2017 in respect of urea and DAP. It also includes the average retail fertilizer prices prevalent in the domestic markets and international fertilizer prices of the major products; namely urea, DAP, SSP, NP and SOP.

2. FERTILIZER OFFTAKE DURING MARCH, 2017

Total nutrient offtake during March 2017 was about 233 thousand tonnes, which represented an increase of 62.1 per cent over March 2016. Nitrogen offtake increased by 67.1 per cent, while phosphate offtake increased by 53.7 per cent over March 2016. Potash offtake also increased by 72.4 per cent. Product-wise, urea offtake during March 2017 was about 207 thousand tonnes, which increased by 81 per cent. Similarly, DAP offtake was about 154 thousand tonnes, that increased by 65.8 per cent over March 2016 (Table-1).

Table 1 Fertilizer offtake during March 2017 compared with previous years

Nutrient/ Product	('000 tonnes)					Per cent change in 2017 over 2016
	March 2013	March 2014	March 2015	March 2016	March 2017	
Nitrogen	216	208	221	85	143	67.1
Phosphate	41	46	34	55	85	53.7
Potash	2.1	2.6	3.7	3.0	5.1	72.4
Total	259	256	259	143	233	62.1
Urea	405	384	429	114	207	81.0
DAP	65	73	48	93	154	65.8

Note : Details are presented in Annex 1 and 2.

3 FERTILIZER OFFTAKE DURING RABI 2016-17

The cumulative nutrient offtake during Rabi 2016-17 was about 2678 thousand tonnes, witnessing an increase of 15.7 per cent over the same timeframe of Rabi 2015-16. Nitrogen offtake increased by 18.4 per cent, while phosphate increased by 9.3 per cent over previous Rabi 2015-16 season. Potash offtake witnessed an increase of 72.3 per cent. As far as fertilizer products are concerned, urea offtake during Rabi 2016-17 was 2892 thousand tonnes (+18.8 per cent) and DAP offtake was 1608 thousand tonnes (+11.1 per cent).

Table 2 Fertilizer offtake during Rabi 2016-17 versus Rabi 2015-16

Season	Nutrient			Total	Product	
	Nitrogen	Phosphate	Potash	Nutrients	Urea	DAP
Rabi 2015-16 (Oct. to Mar)	1527	774	14	2315	2435	1447
Rabi 2016-17 (Oct. to Mar)	1807	847	24	2678	2892	1608
Percent change	18.4	9.3	72.3	15.7	18.8	11.1

Note : Details are presented in Annex 1 and 2.

4. FERTILIZER PRODUCTION AND IMPORTED SUPPLIES

Production of all fertilizer products during March 2017 was about 758 thousand tonnes. Out of which, urea production was 533 thousand tonnes, (70.4 per cent of total products). Other products were: DAP 74 thousand tonnes, CAN 73 thousand tonnes, Nitrophos 67 thousand tonnes, SSP 4 and NPK's 6 thousand tonnes. Imported supplies were around 29 thousand tonnes comprising of 19 thousand tonnes of DAP, 2.3 thousand tonne SOP, 4 thousand tonnes of MOP and 3.6 thousand tonnes of AS (Table 3).

Table 3. Fertilizer production and imported supplies during March 2017

												('000 tonnes)
Description	Urea	DAP	NP	CAN	SSP	NPKs	SOP	MOP	MAP	AS	TSP	Total
Production	533	74	67	73	4	6	-	-	-	-	-	758
Percent share	70.4	9.8	8.8	9.6	0.6	0.8	-	-	-	-	-	100
Import	-	19	-	-	-	-	2.3	4	-	3.6	-	29

5. PROVINCE-WISE UREA AND DAP OFFTAKE DURING MARCH 2017

Urea offtake during March 2017 increased in Punjab, Sindh and Balochistan provinces by 114.6, 91.0 and 38 per cent respectively as compared to the March 2016. Urea offtake decreased by 5.8 per cent in KP.

DAP offtake increased by 57.7, 106.9, 35.9 and 42.6 per cent in provinces of Punjab, Sindh, KP and Balochistan respectively as compared to March 2016 (Table 4).

Table 4 Province-wise urea and DAP offtake during March 2017 compared with previous years

							('000 tonnes)
Province	March 2013	March 2014	March 2015	March 2016	March 2017	Per cent change in 2017 over 2016	
UREA							
Punjab	297	276	274	63	136	114.6	
Sindh	42	53	103	21	40	91.0	
KP	39	29	22	24	22	-5.8	
Balochistan	27	27	30	6	9	38.0	
AJK	-	-	-	-	-	-	
Total	405	384	429	114	207	81.0	
Per cent change	-5		12	-73	81.0		
DAP							
Punjab	47	58	34	68	107	57.7	
Sindh	12	8	6	18	37	106.9	
KP	3	6	5	4.7	6.5	35.9	
Balochistan	2.7	1.4	2.5	2.1	3.0	42.6	
Total	65	73	48	93	154	65.8	
Per cent change	13		-34	94	65.8		

6. UREA AND DAP SUPPLY/DEMAND SITUATION DURING MARCH 2017

6.1 Urea

Total urea availability during March 2017 was about 1727 thousand tonnes. It included 1194 thousand tonnes of previous month leftover and 533 thousand tonnes of domestic production (Table 5). Urea offtake during March 2017 was 207 thousand tonnes, leaving a closing balance of 1520 thousand tonnes.

6.2 DAP

Total availability of DAP was 213 thousand tonnes during March 2017 which comprised of 120 thousand tonnes of opening inventory, 74 thousand tonnes of domestic production and 19 thousand tonnes of imported supplies. DAP offtake was about 154 thousand tonnes. The closing balance at the end of March was 59 thousand tonnes.

Table 5 Urea and DAP supply/demand situation during Rabi 2016-17

Description	('000 tonnes)						
	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
UREA							
Opening inventory	1565	1702	1451	1038	1035	1194	1565
Imported supplies	0	0	0	0	0	0	0
Domestic production	497	513	486	404	416	533	2849
Total availability	2062	2215	1937	1442	1451	1727	4414
Offtake	360	764	898	406	257	207	2892
Write off/on	0	0	-1	-1	-	-	-2
Estimated inventory	1702	1451	1038	1035	1194	1520	1520
DAP							
Opening inventory	458	304	77	88	76	120	458
Imported supplies	275	331	101	23	75	19	824
Domestic production	72	68	72	24	66	74	376
Total availability	805	703	250	135	217	213	1658
Offtake	501	631	162	61	98	154	1607
Write off/on	0	5	0	2	-	-	7
Estimated inventory	304	77	88	76	120	59	59

7. UREA AND DAP SUPPLY/DEMAND SITUATION DURING RABI 2016-17

7.1 Urea

Total available urea during Rabi 2016-17 was 4414 thousand tonnes, comprising opening balance of 1565 thousand tonnes and domestic production of 2849 thousand tonnes (Table 5). Urea offtake was 2892 thousand tonnes, leaving closing balance of 1520 thousand tonnes for next Kharif 2017.

7.2 DAP

Rabi 2016-17 started with 458 thousand tonnes of DAP as opening inventory. Total availability of DAP was 1658 thousand tonnes including 824 thousand tonnes of imported supplies and 376 thousand tonnes of domestic production. Offtake of DAP during Rabi 2016-17 was about 1607 thousand tonnes leaving behind 59 thousand tonnes of inventory for the upcoming Kharif 2017.

8. OUTLOOK FOR KHARIF 2017

8.1 Urea

Kharif 2017 started with healthy inventory of 1520 thousand tonnes of urea. With 2900 thousand tonnes of domestic production (estimated), the total available urea would be around 4420 thousand tonnes. The offtake during Kharif 2017 is expected to be around 3000 thousand tonnes. Closing balance for Kharif 2017 is expected to be around 1420 thousand tonnes.

8.2 DAP

As regards DAP, total availability is estimated to be 640 thousand tonnes for the upcoming Kharif 2017, which includes opening inventory of 59 thousand tonnes, domestic production of 422 thousand tonnes and imported supplies of 159 thousand tonnes. Offtake is expected around 900 thousand tonnes. Supply/demand gap is expected to be filled by DAP import through private sector.

Table 6. Urea and DAP supply/demand situation during Kharif 2017 (Estimated)

Description	('000 tonnes)						
	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
UREA							
Opening inventory	1520	1520	1400	1180	1260	1340	1520
Imported supplies	0	0	0	0	0	0	0
Domestic production	500	480	480	480	480	480	2900
Total availability	2020	2000	1880	1660	1740	1820	4420
Offtake	500	600	700	400	400	400	3000
Write off/on	0	0	0	0	0	0	0
Estimated inventory	1520	1400	1180	1260	1340	1420	1420
DAP							
Opening inventory	59	5	8	-120	-150	-180	59
Imported supplies*	74	85	0	0	0	0	159
Domestic production	72	68	72	70	70	70	422
Total availability	205	158	80	-50	-80	-110	640
Offtake	200	150	200	100	100	150	900
Write off/on	0	0	0	0	0	0	0
Estimated inventory	5	8	-120	-150	-180	-260	-260

* FMB weekly report dated 20th April, 2017.

9. FERTILIZER PRICES

9.1 Domestic fertilizer prices during March 2017

The prices of urea (sona), DAP, NP and SSP (G) increased by 0.4, 0.3, 1.0, and 0.6 per cent respectively over February, 2016. Price of SOP decreased by 3.4 percent due to subsidy by Government of Punjab.

Table 7. Average fertilizer retail prices in March, 2017 compared with February, 2017

Product	(Rs. Per 50 kg bag)		
	February 2017	March 2017	Percent change
Urea (Sona)	1362	1367	0.4
Urea tara	1374	1370	-0.3
DAP	2523	2531	0.3
TSP	-	-	-
NP	1792	1810	1.0
SSP (Powdered)	-	-	-
SSP (Granular)	881	879	-0.2
CAN	1176	1183	0.6
SOP	4065	3928	-3.4
NPK	2493	2490	-0.1

Source: Federal Bureau of Statistics/ National Fertilizer Development Centre

9.2 International prices

Urea FOB bulk China price was at US \$ 225-237/t. Fob bulk, Middle East urea price was seen at US \$ 225-250/t. DAP price remained in the range of US \$ 306-345/st in US Gulf and US \$ 360-380/t in China. Ex-Karachi price of imported urea was in the range of Rs. 1588 to Rs. 1753 per 50 kg bag while that of DAP was Rs. 2664 to Rs. 2974 per 50 kg bag.

Table 8. International prices during March, 2017

Terms/Port (FOB)	US \$ per MT				(Rs. per bag)
	2nd March (1st week)	9th March (2nd week)	16th March (3rd week)	23rd March (4th week)	Ex-Karachi Price of Imported Fertilizer
UREA					
China (Prilled Bulk)	236-237 (240-245)	232-237 (246-250)	230-233 (239-242)	225-228 (232-237)	1588-1667 (1634-1753)
Arabian Gulf (Prilled Bulk)	245-250 (240-245)	240-245 (250-270)	230-235 (255-260)	225-230 (245-250)	1588-1753 (1687-1885)
DAP					
US Gulf* (Bulk)	330-345 (318-325)	324-330 (325-335)	316-320 (335-339)	306-311 (335-340)	2664-2974 (2760-2934)
China (Bulk)	370-380 (355-365)	365-375 (360-365)	360-365 (360-370)	360-365 (360-370)	2697-2841 (2661-2769)
MAP					
Baltic (Bulk)	370-380 (340-342)	370-380 (340-342)	370-380 (370-380)	370-380 (370-380)	2730-2798 (2525-2798)
TSP					
Tunisia (Bulk)	280-285 (275-280)	280-285 (275-280)	280-285 (280-285)	280-285 (280-285)	2116-2150 (2082-2150)

Source: Fertilizer Industry. Figures in parenthesis are for February, 2017.

* US \$ per short tonne (907 kg) - Not available

Table 9. Rainfall data during March 2017 compared with March 2016

Station	‘mm’		
	March 2016	March 2017	Per cent change
Peshawar	88	24	-73
Rawalpindi	176	7	-96
Jhelum	122	14	-89
Sargodha	150	25	-83
Lahore	25	9	-64
D.I. Khan	105	6	-94
Faisalabad	70	16	-77
Multan	45	10	-78
Khanpur	30.0	2	-93
Quetta	65.0	54	-17
Rohri	-	-	-
Hyderabad	-	-	-
Gilgit	5	5	-
Skardu	50	13	-74

Source: National Agromet Centre, Islamabad.

Dated: 28th April, 2017

ANNEXES

1. Month-wise nutrient offtake during Rabi 2016-17 compared with previous seasons.
2. Month-wise Urea and DAP offtake during Rabi 2016-17 compared with previous seasons.
3. Month-wise nutrient offtake during year 2016-17 compared with previous years
4. Month-wise Urea and DAP offtake during year 2016-17 compared with previous years
5. Plant-wise production, sales and stock position (March 2017).
6. Company-wise imports, sales and stock position (March 2017).
7. Total sales and stock position (March 2017).
8. Province-wise and product-wise offtake of domestically produced fertilizers (March 2017).
9. Province-wise and product-wise offtake of imported fertilizers (March 2017).
10. Total province-wise and product-wise offtake of fertilizers (March 2017).
11. Fertilizer production by product and manufacturer (2016-17).
12. Rainfall (2016-17)

**MONTH-WISE NUTRIENT OFFTAKE DURING RABI 2016-17 COMPARED WITH
PREVIOUS SEASONS**

(Tonnes)

Month/ Season	Rabi 2012-13	Rabi 2013-14	Rabi 2014-15	Rabi 2015-16	Rabi 2016-17	Percent Change
TOTAL NUTRIENTS (N+P2O5+K2O)						
October	269,343	446,627	424,219	493,571	526,323	6.6
November	360,153	558,071	522,389	693,167	827,722	19.4
December	566,392	461,323	491,670	523,014	594,507	13.7
January	292,560	323,695	361,072	234,166	270,837	15.7
February	228,812	263,968	280,752	227,554	226,055	-0.7
March	259,048	256,002	258,609	143,449	232,506	62.1
Total	1,976,307	2,309,686	2,338,711	2,314,921	2,677,950	15.7
Percent change		17	1	-1.0	15.7	
NITROGEN						
October	160,017	292,746	258,181	214,165	275,466	28.6
November	222,006	350,046	311,692	413,273	501,815	21.4
December	493,432	368,772	373,471	442,289	495,518	12.0
January	260,477	302,229	316,688	190,477	228,194	19.8
February	210,581	207,331	240,601	181,029	163,817	-9.5
March	215,844	207,766	221,057	85,323	142,613	67.1
Total	1,562,358	1,728,890	1,721,690	1,526,556	1,807,423	18.4
Percent change		11	0	-11.3	18.4	
PHOSPHATE						
October	105,790	150,439	162,756	275,295	246,032	-10.6
November	136,445	206,522	207,620	278,005	322,319	15.9
December	70,785	91,462	114,794	79,515	97,476	22.6
January	31,557	20,697	42,886	42,898	39,698	-7.5
February	16,626	53,952	37,996	43,596	56,278	29.1
March	41,084	45,676	33,858	55,152	84,765	53.7
Total	402,286	568,748	599,910	774,461	846,568	9.3
Percent change		41	5	29.1	9.3	
POTASH						
October	3,536	3,443	3,282	4,112	4,825	17.3
November	1,702	1,503	3,077	1,888	3,589	90.1
December	2,175	1,089	3,406	1,211	1,513	24.9
January	525	769	1,598	791	2,946	272.4
February	1,605	2,684	2,155	2,929	5,959	103.4
March	2,119	2,560	3,694	2,974	5,128	72.4
Total	11,662	12,048	17,212	13,905	23,960	72.3
Percent change		3	43	-19	72.3	

**MONTH-WISE UREA AND DAP OFFTAKE DURING RABI 2016-17 COMPARED WITH
PREVIOUS SEASONS**

						(Tonnes)
Month/ Season	Rabi 2012-13	Rabi 2013-14	Rabi 2014-15	Rabi 2015-16	Rabi 2016-17	Percent Change
UREA						
October	233,989	476,976	407,717	197,090	360,173	82.7
November	326,654	550,861	467,181	623,023	764,119	22.6
December	953,201	674,005	655,555	838,674	897,552	7.0
January	517,308	619,150	628,873	346,439	406,265	17.3
February	418,783	378,432	455,581	315,020	257,117	-18.4
March	405,081	384,137	429,070	114,295	206,831	81.0
Total	2,855,016	3,083,561	3,043,977	2,434,541	2,892,057	18.8
Percent change		8	-1.3	-20.0	18.8	
DAP						
October	184,163	297,520	323,842	535,974	501,085	-6.5
November	248,491	406,143	409,189	537,451	631,435	17.5
December	126,388	172,516	220,941	132,359	162,277	22.6
January	53,343	26,976	72,050	76,534	61,111	-20.2
February	23,166	95,044	63,602	71,342	97,636	36.9
March	64,705	73,068	47,871	92,903	154,051	65.8
Total	700,256	1,071,267	1,137,495	1,446,563	1,607,595	11.1
Percent change		53	6	27.2	11.1	

**MONTH-WISE COMPARATIVE NUTRIENT OFFTAKE DURING YEAR 2016-17 COMPARED
WITH PREVIOUS YEARS**

YEAR	2012-13	2013-14	2014-15	2015-16	2016-17*	Percent change
TOTAL NUTRIENTS (N+P₂O₅+K₂O)						
July	271,491	291,051	345,145	283,245	532,817	88.1
August	206,677	318,589	401,924	240,807	394,834	64.0
September	273,135	385,177	291,383	105,544	243,374	130.6
October	269,343	446,627	424,219	493,571	510,777	3.5
November	360,153	558,071	522,389	693,167	827,722	19.4
December	566,392	461,323	491,670	523,014	594,507	13.7
January	292,560	323,695	361,072	234,166	270,837	15.7
February	228,812	263,968	280,752	227,554	226,055	-0.7
March	259,048	256,002	258,609	143,449	232,506	62.1
April	193,628	170,893	237,889	205,027	201,859	-1.5
May	310,032	300,904	319,420	227,799	289,539	27.1
June	389,940	312,787	381,947	321,930	351,651	9.2
Total	3,621,210	4,089,087	4,316,419	3,699,273	4,676,478	26.4
Percent change		12.9	5.6	-14.3	26.4	
NITROGEN						
July	212,118	244,245	266,940	235,805	419,848	78.0
August	173,686	269,155	332,093	219,282	320,161	46.0
September	167,955	290,354	227,674	97,096	179,078	84.4
October	160,017	292,746	258,181	214,165	275,466	28.6
November	222,006	350,046	311,692	413,273	501,815	21.4
December	493,432	368,772	373,471	442,289	495,518	12.0
January	260,477	302,229	316,688	190,477	228,194	19.8
February	210,581	207,331	240,601	181,029	163,817	-9.5
March	215,844	207,766	221,057	85,323	142,613	67.1
April	165,859	141,856	195,658	139,710	160,771	15.1
May	262,701	234,762	248,943	160,858	226,816	41.0
June	308,777	275,268	315,650	292,593	298,072	1.9
Total	2,853,453	3,184,530	3,308,648	2,671,900	3,412,169	27.7
Percent change		11.6	3.9	-19.2	27.7	
PHOSPHATE						
July	58,377	45,302	76,295	46,552	111,401	139.3
August	32,192	48,096	67,987	21,009	73,201	248.4
September	102,024	92,300	59,925	7,353	59,044	703.0
October	105,790	150,439	162,756	275,295	246,032	-10.6
November	136,445	206,522	207,620	278,005	322,319	15.9
December	70,785	91,462	114,794	79,515	97,476	22.6
January	31,557	20,697	42,886	42,898	39,698	-7.5
February	16,626	53,952	37,996	43,596	56,278	29.1
March	41,084	45,676	33,858	55,152	84,765	53.7
April	26,940	26,755	40,542	63,459	39,424	-37.9
May	46,170	63,476	67,757	65,690	60,773	-7.5
June	78,954	36,215	62,570	28,802	51,635	79.3
Total	746,944	880,892	974,986	1,007,326	1,242,047	23.3
Percent change		17.9	10.7	3.3	23.3	
POTASH						
July	994	1,504	1,890	887	1,569	76.9
August	799	1,338	1,844	515	1,472	185.8
September	3,157	2,523	3,784	1,096	5,252	379.2
October	3,536	3,443	3,282	4,112	4,825	17.3
November	1,702	1,503	3,077	1,888	3,589	90.1
December	2,175	1,089	3,406	1,211	1,513	24.9
January	525	769	1,598	791	2,946	272.4
February	1,607	2,684	2,155	2,929	5,959	103.4
March	2,119	2,560	3,694	2,974	5,128	72.4
April	829	2,282	1,689	1,858	1,665	-10.4
May	1,161	2,667	2,720	1,251	1,950	55.9
June	2,210	1,304	3,726	535	1,944	263.3
Total	20,814	23,666	32,865	20,047	37,811	88.6
Percent change		13.7	38.9	-39.0	88.6	

* March onward are average of previous years

**MONTH-WISE COMPARATIVE UREA AND DAP OFFTAKE DURING YEAR 2016-17
COMPARED WITH PREVIOUS YEARS**

						(Tonnes)
YEAR	2012-13	2013-14	2014-15	2015-16	2016-17*	Percent change
UREA						
July	389,178	466,144	486,684	447,478	777,875	73.8
August	322,301	515,365	630,891	428,920	573,701	33.8
September	263,552	504,450	420,203	193,013	297,856	54.3
October	233,990	476,976	407,717	197,090	360,173	82.7
November	326,654	550,861	467,181	623,023	764,119	22.6
December	953,201	674,005	655,555	838,674	897,552	7.0
January	517,308	619,150	628,873	346,439	406,265	17.3
February	418,783	378,432	455,581	315,020	257,117	-18.4
March	405,081	384,137	429,070	114,295	206,831	81.0
April	314,213	257,578	366,661	213,012	287,866	35.1
May	484,736	408,100	421,760	250,623	391,305	56.1
June	568,323	512,053	566,537	590,385	559,325	-5.3
Total	5,197,320	5,747,251	5,936,713	4,557,972	5,779,984	26.8
Percent change		10.6	3.3	-23.2	26.8	
DAP						
July	101,153	81,321	146,906	81,859	199,088	143.2
August	53,495	84,314	121,373	33,776	134,423	298.0
September	208,101	172,813	104,685	6,803	109,144	1504.4
October	184,162	297,520	323,842	535,974	501,085	-6.5
November	248,492	406,143	409,189	537,451	631,435	17.5
December	126,388	172,516	220,941	132,359	162,277	22.6
January	53,343	26,976	72,050	76,534	61,111	-20.2
February	23,166	95,044	63,602	71,342	97,636	36.9
March	64,705	73,068	47,871	92,903	154,051	65.8
April	52,082	44,402	69,544	104,833	67,715	-35.4
May	80,155	108,439	109,545	106,292	101,108	-4.9
June	149,685	60,436	111,633	42,892	91,162	112.5
Total	1,344,927	1,622,991	1,801,181	1,823,018	2,310,235	26.7
Percent change		20.7	11.0	1.2	26.7	

* March onward are average of previous years

ANNEX-5

PLANT WISE PRODUCTION, SALES & STOCK POSITION (MARCH 2017)

Plant	Product	Opening Balance	Production	Total Availability	Offtake						Adjustments (+)	Adjustments (-)	Closing Balance
					Punjab	Sindh	KP	Baluchistan	AJK/FATA	Pakistan			
					(Tonnes)								
FFC-Prilled	Urea	345,407	224,213	569,620	75,919	13,942	18,992	5,953	-	114,806	-	-	454,814
FFBL-Granular	Urea	4,938	43,147	48,085	12,582	7,177	1,975	-	-	21,734	-	-	26,351
TOTAL	FFC Urea	350,345	267,360	617,705	88,501	21,119	20,967	5,953	-	136,540	-	-	481,165
DHCL	Urea	70,331	43,866	114,197	1,179	-	59	-	-	1,238	-	-	112,959
Fatima Fertilizer Ltd	Urea	163,789	40,193	203,982	473	485	634	535	-	2,127	-	-	201,855
PAK-ARAB	Urea	13,939	10,171	24,110	18	-	-	-	-	18	-	-	24,092
EFERT	Urea	355,796	171,745	527,541	42,738	18,046	484	2,333	-	63,601	-	-	463,940
Agritech(PAFL)	Urea	994	-	994	-	-	-	-	-	-	-	-	994
TOTAL	Urea	955,194	533,335	1,488,529	132,909	39,650	22,144	8,821	-	203,524	-	-	1,285,005
EFERT	NP	4,806	3,882	8,688	1,611	3,796	38	10	-	5,455	-	-	3,233
PAK-ARAB	NP	10,330	31,682	42,012	7,410	-	754	-	-	8,164	-	-	33,848
Fatima Fertilizer Ltd	NP	66,024	31,359	97,383	23,487	9,937	1,564	1,349	-	36,337	-	-	61,046
TOTAL	NP	81,160	66,923	148,083	32,508	13,733	2,356	1,359	-	49,956	-	-	98,127
AL-HAMID, NFC (LC&FL)	SSP	846	-	846	-	-	-	-	-	-	-	-	846
Agritech(PAFL)	SSP	14,510	4,471	18,981	1,484	-	180	-	-	1,664	-	-	17,317
Suraj Fertilizer	SSP	16,766	-	16,766	487	-	-	-	-	487	-	-	16,279
Safi Chemicals	SSP	4	-	4	-	-	-	-	-	-	-	-	4
TOTAL	SSP	32,122	4,471	36,593	1,971	-	180	-	-	2,151	-	-	34,442
FFC-SONA	DAP	44,011	73,908	117,919	72,899	23,311	5,524	2,967	-	104,701	-	-	13,218
PAK-ARAB	CAN	156,975	31,562	188,537	9,912	327	-	-	-	10,239	-	-	178,298
Fatima Fertilizer Ltd	CAN	166,503	41,376	207,879	9,246	5,593	-	-	-	14,839	-	-	193,040
EFERT	NPK 17:17:17	1,468	1,461	2,929	942	863	192	327	-	2,324	-	-	605
EFERT	NPK 10:20:10	694	17	711	25	1	-	23	-	49	-	-	663
EFERT	NPK 08:23:18	7,655	1,714	9,369	1,906	1,229	152	156	-	3,443	-	-	5,926
EFERT	NPK 15:15:15	665	1,981	2,646	11	761	2,417	-	-	3,189	543	-	-
EFERT	NPK 08:18:20	-	-	-	-	-	-	-	-	-	-	-	-
Safi Chemicals	NPK 2:20:3	102	930	1,032	290	649	-	-	-	939	-	-	93
TOTAL	NPKs	11,480	6,103	16,687	3,174	3,503	2,761	506	-	9,944	543	-	7,287
GRAND TOTAL	ALL	1,447,445	757,678	2,204,227	262,619	86,117	32,965	13,653	-	395,354	543	-	1,809,417

ANNEX-6

COMPANY WISE IMPORTS, SALES/STOCK POSITION (MARCH 2017)

Company	Product	Opening balance	Import	Total availability	Offtake						Adjustment (+)	Adjustment (-)	Closing Balance
					Punjab	Sindh	KP	Balochistan	AJK/FATA	Pakistan			
					(Tonnes)								
FFC	Urea	-	-	-	-	-	-	-	-	-	-	-	-
	DAP	7,516	-	7,516	3,874	3,219	426	-	-	7,519	3	-	-
	TSP	-	-	-	-	-	-	-	-	-	-	-	-
	SOP	1,792	-	1,792	523	113	10	42	-	688	-	-	1,104
	MOP	3,079	-	3,079	193	11	-	35	-	239	-	-	2,840
EFERT	Urea	-	-	-	-	-	-	-	-	-	-	-	-
	DAP	4,755	18,620	23,375	10,820	9,753	-	30	-	20,603	-	-	2,772
	MAP	-	-	-	-	-	-	-	-	-	-	-	-
	MOP	1,668	524	2,192	238	249	3	41	-	531	-	-	1,661
	SOP	882	990	1,872	531	313	-	-	-	844	-	-	1,028
	SSP	2,164	-	2,164	370	84	-	18	-	472	-	-	1,692
DHCL	Urea	-	-	-	-	-	-	-	-	-	-	-	-
	DAP	16,196	-	16,196	4,470	-	354	-	-	4,824	-	-	11,372
NFML	Urea	238,894	-	238,894	2,814	213	207	73	-	3,307	-	-	235,587
	DAP	-	-	-	-	-	-	-	-	-	-	-	-
PAK ARAB	Urea	-	-	-	-	-	-	-	-	-	-	-	-
	DAP	12,354	-	12,354	9,791	968	75	-	-	10,834	-	-	1,520
	MAP	-	-	-	-	-	-	-	-	-	-	-	-
JBL	DAP	4,294	-	4,294	2,974	130	4	-	-	3,108	-	-	1,186
	TSP	-	-	-	-	-	-	-	-	-	-	-	-
	MOP	-	-	-	-	-	-	-	-	-	-	-	-
	MAP	-	-	-	-	-	-	-	-	-	-	-	-
	SOP	1,211	502	1,713	759	145	11	-	-	915	-	-	798
Safi Chemicals	DAP	-	-	-	-	-	-	-	-	-	-	-	-
	NP	-	-	-	-	-	-	-	-	-	-	-	-
	MOP	587	-	587	47	-	-	-	-	47	-	-	540
	SOP	414	-	414	-	-	-	-	-	-	-	-	414
	AS	-	317	317	20	-	-	-	-	20	-	-	297
UNI. AGRO	DAP	21,767	-	21,767	-	-	-	-	-	-	-	-	21,767
	TSP	-	-	-	-	-	-	-	-	-	-	-	-
	SOP	146	426	572	338	32	59	23	-	450	-	-	122
	MOP	1,354	770	2,124	798	74	138	53	-	1,064	-	-	1,060
	MAP	-	-	-	-	-	-	-	-	-	-	-	-
	AS	36	1,584	1,620	554	52	96	37	-	739	-	-	881
	NP	-	-	-	-	-	-	-	-	-	-	-	-

COMPANY WISE IMPORTS, SALES/STOCK POSITION (MARCH 2017)

Company	Product	Opening balance	Import	Total availability	Offtake						Adjustment (+)	Adjustment (-)	Closing Balance
					Punjab	Sindh	KP	Baluchistan	AJK/FATA	Pakistan			
CHAWALA	DAP	4,839	-	4,839	139	-	70	-	-	209	-	-	4,630
	AS	182	-	182	187	-	-	-	-	187	5	-	-
	SOP	156	-	156	168	-	-	-	-	168	12	-	-
	MOP	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC CHART	DAP	241	-	241	-	-	-	-	-	-	-	-	241
	SOP	313	-	313	69	-	-	-	-	69	-	-	244
	MOP	-	-	-	10	-	-	-	-	10	10	-	-
	NP	0.4	-	0.4	-	-	-	-	-	-	-	-	0.4
	AS	1	-	1	-	-	-	-	-	-	-	-	1.0
Neelum Seeds	DAP	-	-	-	-	-	-	-	-	-	-	-	-
	SOP	232	-	232	204	-	-	-	-	204	-	-	28
	MOP	430	-	412	145	-	-	-	-	145	-	-	267
Premium Petroleum	DAP	-	-	-	-	-	-	-	-	-	-	-	-
	MOP	222	1,597	1,819	284	13	18	-	-	315	-	-	1,504
	SOP	370	405	775	378	81	60	-	-	519	-	-	256
	AS	1,346	1,734	3,080	1,238	53	195	-	-	1,486	-	-	1,594
AL-HAMZA	DAP	-	-	-	-	-	-	-	-	-	-	-	-
	MOP	-	-	-	-	-	-	-	-	-	-	-	-
Reliance Commodities Ltd.	DAP	3,167	-	3,167	2,253	-	-	-	-	2,253	-	-	914
AZGARD (Agritech Limited)	DAP	279	-	279	-	-	-	-	-	-	-	-	279
	MAP	-	-	-	-	-	-	-	-	-	-	-	-
	MOP	14	1,297	1,311	63	-	-	-	-	63	-	-	1,248
	SOP	-	-	-	-	-	-	-	-	-	-	-	-
	AS	-	-	-	-	-	-	-	-	-	-	-	-
Total	Urea	238,894	-	238,894	2,814	213	207	73	-	3,307	-	-	235,587
	DAP	75,408	18,620	94,028	34,321	14,070	929	30	-	49,350	3	-	44,681
GRAND TOTAL		330,239	28,766	359,649	44,252	15,503	1,726	352	-	61,832	30	-	297,847

ANNEX-7

TOTAL SALES AND STOCK POSITION (MARCH 2017)

(Tonnes)

Product	Opening Balance	Production	Import	Total Availability	Offtake						Adjustment (+)	Adjustment (-)	Closing Balance
					Punjab	Sindh	KP	Balochistan	AJK/FATA	Pakistan			
UREA	1,194,088	533,335	-	1,727,423	135,723	39,863	22,351	8,894	-	206,831	-	-	1,520,592
DAP	119,419	73,908	18,620	211,947	107,220	37,381	6,453	2,997	-	154,051	3	-	57,899
NP	81,160	66,923	-	148,083	32,508	13,733	2,356	1,359	-	49,956	-	-	98,127
CAN	355,346	72,938	-	428,284	19,158	5,920	-	-	-	25,078	-	-	403,206
SSP	31,868	4,471	-	36,339	2,341	84	180	18	-	2,623	-	-	33,716
TSP	-	-	-	-	-	-	-	-	-	-	-	-	-
SOP	4,189	-	2,323	6,512	2,970	684	140	65	-	3,857	12	-	2,667
MAP	-	-	-	-	-	-	-	-	-	-	-	-	-
MOP	4,979	-	4,188	9,167	1,778	347	159	129	-	2,414	-	-	6,753
AS	938	-	3,635	4,573	1,999	105	291	37	-	2,432	5	-	2,146
NPK	11,480	6,103	-	17,583	3,174	3,503	2,761	506	-	9,944	543	-	8,183
TOTAL	1,803,467	757,678	28,766	2,589,911	306,871	101,619	34,691	14,005	-	457,186	563	-	2,133,289

ANNEX-8

PROVINCE-WISE AND PRODUCT-WISE OFFTAKE OF DOMESTICALLY PRODUCED FERTILIZERS (MARCH 2017)

(Tonnes)

PROVINCES	UREA	CAN	NP 22:20	SSP J	SSP	DAP	NPK 18:09:18	NPK 17:17:17	NPK 10:23:10	NPK 10/08:23:18	NPK 12:15:20	NPK 8:18:15/20	NPK 10:28:10	TOTAL
Punjab	132,909	19,158	32,508	-	1,971	72,899	-	942	25	1,906	11	-	290	262,619
Sindh	39,650	5,920	13,733	-	-	23,311	-	863	1	1,229	761	-	649	86,117
KP	22,144	-	2,356	-	180	5,524	-	192	-	152	2,417	-	-	32,965
Balochistan	8,821	-	1,359	-	-	2,967	-	327	23	156	-	-	-	13,653
AJK/FATA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pakistan	203,524	25,078	49,956	-	2,151	104,701	-	2,324	49	3,443	3,189	-	939	395,354

FERTILIZER DOMESTIC NUTRIENT OFFTAKE DURING MARCH 2017

(Tonnes)

PROVINCES	NITROGEN	PHOSPHATE	POTASH	TOTAL
PUNJAB	87,101	42,052	537	129,691
SINDH	27,559	14,607	585	42,751
KP	12,060	3,545	543	16,149
BALUCHISTAN	4,978	1,774	86	6,838
AJK	-	-	-	-
TOTAL PAKISTAN	131,698	61,979	1,751	195,428

ANNEX-9

PROVINCE-WISE AND PRODUCT-WISE OFFTAKE OF IMPORTED FERTILIZERS (MARCH 2017)

PROVINCES	UREA	AS	NP	SSP	DAP	TSP	SOP	NPK 10:15:20	MOP	MAP	(Tonnes)
											TOTAL
Punjab	2,814	1,999	-	370	34,321	-	2,970	-	1,778	-	44,252
Sindh	213	105	-	84	14,070	-	684	-	347	-	15,503
KP	207	291	-	-	929	-	140	-	159	-	1,726
Balochistan	73	37	-	18	30	-	65	-	129	-	352
AJK/FATA	-	-	-	-	-	-	-	-	-	-	-
Total Pakistan	3,307	2,432	-	472	49,350	-	3,857	-	2,414	-	61,832

FERTILIZER IMPORTED NUTRIENT OFFTAKE DURING MARCH 2017

Provinces	(Tonnes)			
	Nitrogen	Phosphate	Potash	Total
Punjab	7,892	15,854	2,552	26,298
Sindh	2,653	6,487	550	9,690
KP	324	427	165	916
Balochistan	47	17	110	174
AJK/FATA	-	-	-	-
Total Pakistan	10,915	22,786	3,377	37,078

ANNEX-10

TOTAL PROVINCE-WISE AND PRODUCT-WISE OFFTAKE OF FERTILIZERS (MARCH 2017)

(Tonnes)

PROVINCES	UREA 1+2	CAN	AS	NP 1+2	SSP	DAP 1+2	TSP	SOP	NPK's Total	MOP	MAP	TOTAL
Punjab	135,723	19,158	1,999	32,508	2,341	107,220	-	2,970	3,174	1,778	-	306,871
Sindh	39,863	5,920	105	13,733	84	37,381	-	684	3,503	347	-	101,619
KP	22,351	-	291	2,356	180	6,453	-	140	2,761	159	-	34,691
Balochistan	8,894	-	37	1,359	18	2,997	-	65	506	129	-	14,005
AJK/FATA	-	-	-	-	-	-	-	-	-	-	-	-
Total Pakistan	206,831	25,078	2,432	49,956	2,623	154,051	-	3,857	9,944	2,414	-	457,186

TOTAL FERTILIZER NUTRIENT OFFTAKE DURING MARCH 2017

(Tonnes)

Provinces	Nitrogen	Phosphate	Potash	Total
Punjab	94,994	57,907	3,088	155,989
Sindh	30,211	21,094	1,135	52,441
KP	12,384	3,973	709	17,065
Balochistan	5,025	1,791	196	7,011
AJK/FATA	-	-	-	-
Total Pakistan	142,613	84,765	5,128	232,506

FERTILIZERS PRODUCTION BY PRODUCT AND MANUFACTURER (2016-17)

														(Tonnes)
PRODUCT	MANUFAC.	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PAK-SAUDI)MM	72,013	71,908	70,067	65,351	71,522	68,521	74,691	67,267	74,330				635,670
UREA (P.)	FFC G. MACHI	145,250	135,998	128,750	147,654	143,975	149,475	149,078	123,027	149,883				1,273,090
UREA (G.)	FFC (FFBL)	43,557	43,293	43,726	37,818	26,641	19,790	-	18,097	43,147				276,069
UREA	FATIMAFERT (DHCL)	36,175	37,950	39,785	38,395	29,275	21,118	-	20,085	43,866				266,649
UREA	Fatima Fertilizer Limited	40,180	44,715	45,473	47,267	44,119	27,364	42,859	39,483	40,193				371,653
UREA	PAK-ARAB	1,790	9,777	10,053	8,691	8,846	8,639	232	9,955	10,171				68,154
UREA	EFERT	156,122	156,122	154,103	120,000	173,170	191,255	137,140	138,166	171,745				1,397,823
UREA	Agriotech(PAFL)	33,286	3,688	26,579	31,995	15,412	-	-	-	-				110,960
TOTAL UREA		528,373	503,451	518,536	497,171	512,960	486,162	404,000	416,080	533,335	-	-	-	4,400,068
NP	EFERT	4,556	4,539	1,159	4,345	10,308	6,393	4,645	1,648	3,882				41,475
NP	PAK-ARAB	6,122	30,114	31,145	27,805	19,540	19,556	710	22,205	31,682				188,879
NP	Fatima Fertilizer Limited	31,602	33,831	34,480	34,328	32,196	25,616	33,604	28,252	31,359				285,268
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-				-
SSP	AGRITECH(HPFL)	4,098	5,636	4,032	8,316	10,193	5,270	4,744	4,970	4,471				51,730
SSP	Suraj Fertilizer	615	3,704	3,774	5,032	1,340	-	-	24	-				14,489
SSP	Safi Group	-	-	-	-	-	-	-	-	-				-
DAP	FFC-SONA	67,320	71,480	69,635	72,207	68,123	72,241	24,069	65,694	73,908				584,677
CAN	PAK-ARAB	3,963	26,325	24,723	21,245	16,234	16,031	300	19,152	31,562				159,535
CAN	Fatima Fertilizer Limited	37,904	37,793	39,010	40,604	36,149	39,772	40,916	38,529	41,376				352,053
NPKs	EFERT	5,640	8,992	11,341	5,500	2,136	3,357	2,730	7,974	5,173				52,843
NPKs	Safi Group	168	690	880	770	150	-	-	400	930				3,988
G. TOTAL		690,361	726,555	738,715	717,323	709,329	674,398	515,718	604,928	757,678	-	-	-	6,135,005

ANNEX-12

RAINFALL (2016-17)

STATION	(MM)												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Peshawar	37	45	3	1	-	0.1	68	60	24				238
Rawalpindi	358	53	23	5	0.1	-	146	15	7				607
Jhelum	192	198	65	5	1	0.2	106	9	14				591
Sargodha	310	87	6	-	2	-	38	17	25				485
Lahore	164	264	65	0	0.1	-	81	6	9				589
D.I. Khan	221	78	50		-	-	29	8	6				392
Faisalabad	109	94	10	24	-	-	23	7	16				283
Multan	53.0	70	3	0.1	-	-	15.8	2	10				154
Khanpur	3	44	14	-	-	-	7	-	2				70
Quetta	5	0	-	-	-	0.4	84	26	54				170
Rohri	2	47	5	-	-	-	1	-	-				55
Hyderabad	-	132	-	-	-	-	2	0.4	-				135
Gilgit	25	10	12	1	-	0.1	11	13	5				77
Skardu	6	10	11	-	-	0.1	-	14	13				54

Source: National Agromet Centre, Islamabad