

# **FERTILIZER REVIEW 2018-19**

**GOVERNMENT OF PAKISTAN  
MINISTRY OF NATIONAL FOOD SECURITY AND RESEARCH  
NATIONAL FERTILIZER DEVELOPMENT CENTRE  
STREET NO.1, SECTOR H-8/1,  
ISLAMABAD**

## **Review Report 1/2019**

The National Fertilizer Development Centre

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## **FOREWORD**

Fertilizer is the most important and expensive input in agricultural crop production. The National Fertilizer Development Centre (NFDC), Ministry of National Food Security and Research compiles the “Annual Fertilizer Review” each year as a part of its regular and core activities. The review is a comprehensive document on fertilizer sector that encompasses domestic fertilizer production, imports, offtake, supply, demand, availability, distribution at National, Provincial and District level, domestic and international prices trend, economics of fertilizer use and fertilizer demand estimates for next five years. The review also assesses the agricultural credit, agriculture production, land use situation and fertilizer subsidies during 2018-19.

The Annual Fertilizer Review 2018-19 is mainly based on the data supplied by Government organizations, Fertilizer Industry, public and private sector marketing companies and Pakistan Bureau of Statistics. Their contribution is gratefully acknowledged. The efforts of NFDC staff led by Mr. Abdul Jalil, Chief/Project Director deserve appreciation for compilation and interpretation of the data related to agriculture and fertilizer sector. Others who contributed to the preparation of the report included Mr. Sultan Muhammad and Dr. Saeed Akhtar, Deputy Chiefs, Dr. Muhammad Islam and Dr. Ahmad Ali Khan, Assistant Chiefs and Dr. Yasir Mehmood, Research Officer. Mr. Khurram Shahzad, Stenotypist deserves special appreciation for his hard work.

It is hoped that updated information contained in this “Fertilizer Review Report” 2018-19 would be of immense importance and interest to those, involved in policy planning, extension, research, fertilizer production, import and its marketing. We would appreciate and acknowledge any suggestion for improving the accuracy, format and contents of this important review in making it more user friendly.

**(Dr. M. Hashim Popalzai)**  
**Secretary**  
**Ministry of National Food Security and Research**



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## ABBREVIATIONS USED

AS	Ammonium Sulphate
CAN	Calcium Ammonium Nitrate
DAP	Diammonium Phosphate
DHCL	Dawood Hercules Chemical Limited
EFERT	Engro Fertilizer Limited
FAO	Food and Agriculture Organization
FFC	Fauji Fertilizer Company Limited
FFBL	Fauji Fertilizer Bin Qasim Limited
JBL	Jaffer Brothers (Pvt) Limited
K	Symbol of Potash fertilizer expressed as $K_2O$ or Potash nutrient ( $K \times 1.20 = K_2O$ )
KP	Khyber Pakhtunkhwa
MAF	Million Acre Feet
MMCF	Million Cubic Feet
MAP	Monoammonium Phosphate
MM	Millimeter
MOP	Muriate of Potash
N	Nitrogen
NFDC	National Fertilizer Development Centre
NFML	National Fertilizer Marketing Limited
NP	Nitrophosphate
P	Symbol of phosphate fertilizer expressed as $P_2O_5$ phosphate nutrient ( $P \times 2.29 = P_2O_5$ )
PAFL	Pak-American Fertilizer (Private) Limited
PAR	Pak-Arab Fertilizer (Private) Limited
PSFL	Pak-Saudi Fertilizer Limited (Mirpur Mathelo)
SBP	State Bank of Pakistan
SOP	Sulphate of Potash
SSP	Single Superphosphate
TCP	Trading Corporation of Pakistan
TSP	Triple Superphosphate
ZTBL	Zari Taraqiati Bank Limited



## EXECUTIVE SUMMARY

Fertilizer is an important and costly input and its role in enhancing crop productivity is from 30 to 50 per cent. Monitoring and evaluation of fertilizer sector is one of the core activities of National Fertilizer Development Centre (NFDC). The supply/demand situation in respect of major fertilizer products remained comfortable in term of availability during fiscal year 2018-19 and crop seasons of Kharif 2018 and Rabi 2018-19. The overall fertilizer product offtake decreased by 2.8 per cent during the fiscal year 2018-19 as compared to 2017-18. It decreased by 11.9 per cent during Kharif 2018 and by 6.8 per cent during Rabi 2018-19 over the same time frame of last year. Highlights of 2018-19 with regard to fertilizer sector along with outlook for the year 2019-20 are given below.

### **Fertilizer Supply**

Overall fertilizer availability during 2018-19 was 5114 thousand nutrient tonnes, which witnessed a decreased of 5.2 per cent over last year 2017-18. Total availability of nitrogen, phosphate and potash was 3609, 1429 and 76 thousand nutrient tonnes respectively. Product-wise availability was; urea 6144, DAP 2702, and Nitrophos 521 thousand product tonnes. Domestic production met about 76.3 per cent of the country's requirements during 2018-19. The deficit of 23.7 per cent between production and offtake was met through imports and carry over inventory.

### **Domestic Production**

The total domestic production of all fertilizer products during 2018-19 was 7824 thousand tonnes compared to 7305 thousand tonnes during 2017-18, showing an increase of 7.1 per cent. Urea production during 2018-19 was 5933 thousand tonnes (5365 thousand tonnes in 2017-18) followed by DAP 783, NP 495, CAN 453, SSP 76, SOP 6 and NPK of various grades 78 thousand tonnes respectively.

Domestic industry witnessed a positive trend in fertilizer production in nutrient terms. The production in nutrient terms increased from 3373 thousand tonnes during 2017-18 to 3627 thousand tonnes during 2018-19 showing an increase of 7.5 per cent. Nitrogen production was 3111 thousand tonnes and recorded an increase of 8.4 per cent (85.8 per cent share in total nutrients production), phosphate 499 thousand tonnes (13.8 per cent share in total nutrients production), which increased by 1.4 per cent. Potash production (in NPKs and SOP) was about 17 thousand tonnes (0.5 per cent share in total nutrients production) and recorded an increase of 49.6 per cent, over the same time frame of last year 2017-18.

In product terms, fertilizer production decreased from 4143 thousand tonnes to 3588 thousand tonnes during Kharif 2018 compared with Kharif 2017. In nutrient terms, fertilizer production decreased by 12.9 per cent from 1907 to 1660 thousand tonnes during Kharif 2018. Fertilizer industry experienced positive growth during Rabi 2018-19 as compared with Rabi 2017-18. In product terms fertilizer production increased by 7.6 per cent from 3582 thousand tonnes to 3855 thousand tonnes while in nutrient terms, it increased by 7.3 per cent from 1658 thousand tonnes to 1780 thousand tonnes.

## **Fertilizer Imports**

The total fertilizer imports during 2018-19 were 1813 thousand product tonnes compared with 1896 thousand tonnes during 2017-18 showing a decrease of 4.4 per cent over the same time frame of last year. Product-wise imports were: Urea 105, DAP 1511, AS 59, SOP 47, MOP 26, SSP 23, NP 14 and MAP 28 thousand tonnes. The fertilizer imports were entirely handled by the private sector except urea during 2018-19.

Imports during Kharif 2018 were 1122 thousand product tonnes against 933 thousand product tonnes during Kharif 2017, which represented an increase of 20.3 per cent. During Rabi 2018-19 imports were 900 thousand tonnes, against 886 thousand tonnes during Rabi 2017-18, witnessing an increase of 1.5 per cent.

## **Fertilizer Offtake**

Offtake of all nutrients during 2018-19 was 4614 thousand tonnes as compared to 4763 thousand tonnes in 2017-18, representing a decrease of 3.1 per cent. Of this, nitrogen was 3408 thousand tonnes, phosphate 1153 thousand tonnes and potash 53 thousand tonnes. A decrease of 0.8 per cent was observed in nitrogen while phosphate offtake decreased by 9.8 per cent during 2018-19 as compared to same period of 2017-18.

The offtake of urea increased from 5825 thousand tonnes in 2017-18 to 5970 thousand tonnes in 2018-19, registering an increase of 2.5 per cent. The offtake of DAP decreased from 2440 thousand tonnes in 2017-18 to 2200 thousand tonnes in 2018-19 registering downward trend of 9.8 per cent over last year. The offtake of other products during 2018-19 was: CAN 541, NP 450, NPK's 75, SSP 102, SOP 43, MOP 31, AS 55 and MAP 17 thousand tonnes.

## **Fertilizers (nutrients) Use Ratios**

Nitrogen to phosphate use ratio was 2.95 during 2018-19. The agronomically recommended NP ratio is 2:1. Potash use is still not developed and needs promotional activities.

## **Province-wise Offtake/Shares**

During 2017-18, in overall nutrient offtake, the Punjab's share was 69 per cent, Sindh 23.9 per cent, Khyber Pakhtunkhwa 4.3 per cent and Balochistan 2.8 per cent. The overall provincial share remained more or less the same as was during the preceding years.

## **Per Hectare Offtake**

At national level, average offtake of all nutrients per hectare of gross cropped area was 199 kg during 2018-19 (206 kg/ha during 2017-18).

Average fertilizer use in Sindh province was the highest at 312 kg/ha of gross cropped area, followed by Punjab 191 kg/ha. The use in KP and Balochistan was 96 and 132 kg/ha, respectively during 2018-19.

## **Fertilizer Supply/Demand Situation during Kharif 2018 and Rabi 2018-19**

During Kharif 2018, overall product availability was about 5477 thousand tonnes, representing a decrease of 23.7 per cent over Kharif 2017. Out of total availability, domestic fertilizer production was 3588 thousand product tonnes, against 4143 thousand tonnes during Kharif 2017 showing a decrease of 13.4 per cent. Production of urea and DAP was 2699 and 375 thousand tonnes, respectively during Kharif 2018. Production of urea decreased by 8.7 per cent while that of DAP by 13.4 per cent during Kharif 2018 over Kharif 2017.

During Kharif 2018, overall fertilizer offtake was 4462 thousand tonnes which was 11.9 per cent less than previous Kharif. Urea and DAP offtake was 2887 and 901 thousand tonnes, respectively, registering decrease of 10.7 per cent in case of urea and 9.2 per cent in case of DAP over Kharif 2017.

In Rabi 2018-19, total fertilizer availability was about 5763 thousand tonnes, witnessing a decrease of 5.9 per cent over Rabi 2017-18. Share of domestic production was 3855 thousand product tonnes, showing an increase of 7.6 per cent as compared to Rabi 2017-18. Quantum of urea and DAP produced during Rabi 2018-19 was 2923 and 352 thousand tonnes, respectively.

The total fertilizer offtake in Rabi 2018-19 was 4821 thousand tonnes compared to 5175 thousand tonnes in Rabi 2017-18 indicating a decrease of 6.8 per cent. Offtake of urea and DAP was 3033 and 1164 thousand tonnes, respectively. Use of urea increased by 3.0 per cent while that of DAP decreased by 17.1 per cent, over previous Rabi 2017-18.

### **Prices**

Prices of almost all fertilizer products witnessed increasing trend during 2018-19. The average increase in prices of urea (sona) and urea (others) was 15.6 and 17.4 per cent. Price of DAP increased by 8.5 per cent. Price of NP and CAN increased by 8.6 and 21.5 per cent respectively during 2018-19. Price of SOP also increased significantly by 18.4 per cent.

The urea prices in Middle East registered an increase during July, 2018 from US \$ 278.8/t to US \$ 287.5 FOB/t in June 2019. Prices of urea in China decreased by 2.8 per cent. DAP China prices went down by 17.9 per cent. DAP Australia price decreased by 11.3 per cent.

### **Natural Gas Consumption**

About 237,852 million cubic feet gas was consumed by fertilizer plants during the year 2018-19. The major portion (82.7 per cent) of this was used as feed stock and 17.3 per cent as fuel.

### **Global Fertilizer Situation**

The world fertilizer consumption data depicts that fertilizer consumption is expected to decrease from 191.4 million nutrient tonnes in 2017-18 to 189.5 million nutrient tonnes during 2018-19. The decrease in consumption of nitrogen, phosphate and potash at global level is estimated as 0.5, 2.3 and 1.0 per cent respectively during 2018-19 as compared to 2017-18. The consumption

forecast for 2019-20 is 194.3 million tonnes, i.e. 4.8 million tonnes increase over 2018-19 (+2.6 per cent).

### **Economics of Fertilizer Use**

Due to variation in prices of fertilizers and major crops, the benefit cost ratio of farmer's changes with passage of time. The average prices of urea during Kharif 2018 increased by Rs. 214, and DAP by Rs. 680 per bag of 50 kg over Kharif 2017. During Rabi 2018-19, an increase of Rs. 386 and Rs. 716 per bag of 50 kg in the average price of Urea and DAP respectively was observed over Rabi 2017-18. During fiscal year 2018-19, it has been observed that DAP (phosphate) fertilizers remained costly for all crops while urea (nitrogen) remained costly for all crops except IRRI varieties of paddy at market and support price.

### **Demand Forecast: Outlook 2019-20**

The growth in fertilizer demand for 2018-19 is projected negatively by 1.5 per cent in nutrient terms. In product terms negative growth of 4.9 per cent is expected in urea while DAP demand is estimated to increase by 0.3 per cent during 2019-20. Under short term approach, the monthly fertilizer demand estimates up to March 2020 have been prepared, while on long term basis, annual estimates up to 2023-24 have been depicted in Annex-27 (A).

## **1. INTRODUCTION**

Annual Fertilizer Review 2018-19, presents an extensive detail of fertilizer products and nutrients availability (production and imports) by season and year at provincial and at national level. It covers fiscal year 2018-19 and details of Kharif 2018 and Rabi 2018-19 seasons. Average fertilizer product prices prevailing in major domestic and international markets are also reported. The review also contains details of market shares of various fertilizer agencies by product. Economics of fertilizer use for different crops and short-term demand estimates have been included.

Due to gas load management policy, the supply of gas to fertilizer (urea) manufacturing plants was curtailed, which resulted in reduction of urea production during previous years. However, during year 2018-19, Liquid Natural Gas (LNG) was provided to fertilizer plants at subsidized rate which resulted in significant increase in production of urea. Production increased to 7824 thousand tonnes during 2018-19 which is 7.1 per cent higher than previous year. The supply/demand situation of urea during 2018-19 remained satisfactory.

Overall, nutrient offtake during fiscal year 2018-19 was 4614 thousand tonnes, which represented a decrease of 3.1 per cent over the previous year 2017-18. Nitrogen offtake registered a decrease of 0.8 per cent while phosphate offtake decreased by 9.8 per cent. Potassium offtake witnessed an increase of 6.9 per cent. There was a substantial decrease of 11.7 per cent in nutrients offtake during Kharif 2018 and a decrease of 7.4 per cent during Rabi 2018-19 over the preceding seasons. Among major products, urea offtake during Rabi 2018-19 went up by 3.0 per cent, while DAP offtake decreased by 17.1 per cent as compared with Rabi 2017-18.

## **2. FERTILIZER AVAILABILITY DURING 2018-19**

### **2.1 Domestic production**

The overall domestic production of all fertilizers witnessed an increase of 7.1 per cent in product terms during 2018-19 as compared with 2017-18. The overall nutrient production increased by 7.5 per cent i.e., from 3373 in 2017-18 to 3627 thousand nutrient tonnes in 2018-19. Out of total domestic production, 3111 thousand nutrient tonnes (85.8 per cent share) was nitrogen, 499 thousand nutrient tonnes (13.8 per cent share) phosphate and 17 thousand nutrient tonnes of potash.

In product terms, total domestic production, was about 7824 thousand tonnes during 2018-19, which was 519 thousand tonnes more than the previous year, showing a increase of 7.1 per cent. The entire fertilizer products were manufactured by the private sector.

Seven products; Urea, Calcium ammonium nitrate (CAN), Nitrophos (NP), Single super phosphate (SSP), Diammonium phosphate (DAP) and Sulphate of Potash (SOP) are manufactured in the country whereas different grades of NPK's are also formulated/blended in small quantities. Urea is the most important single straight nitrogenous fertilizer. Its share

in total fertilizer production was 75.8 per cent, which increased during current fiscal year. The share of other products was: DAP (10 per cent), NP (6.3 per cent), SSP (0.97 per cent), CAN (5.8 per cent), SOP (0.07 per cent) and NPK's various grades (0.99 per cent).

The performance of urea plants was 93 per cent of installed capacity and the aggregate performance of all fertilizer plants was 85 per cent. The products manufactured during 2018-19, were: urea 5933, CAN 453, NP 495, DAP 783, SSP 76, SOP 6 and NPK's of various grades 78 thousand tonnes (Table 1). The detailed month-wise fertilizer production by product, nutrient and manufacturer is given in Annex-1.

**Table 1. Domestic fertilizer production during 2017-18 and 2018-19**

Products	Manufacturer	Annual Production Capacity ('000 t)	2017-18		2018-19		Per cent change in 2018-19 over 2017-18	Product ion as % of capacity during 2018-19
			Product ion ('000 t)	Per cent share	Product ion ('000 t)	Per cent share		
<b>PRODUCTS</b>								
Urea	Fatima Fert (DHCL)	550	3	0.04	327	4.2	-	59
Urea	EFERT	2230	1755	24.02	1876	24.0	7	84
Urea (PFL)	PAK ARAB	100	7	0.10	-	0	-100	-
Urea (PAFL)	Agri Tech (Pvt.) Ltd	429	48	0.66	268	3.4	454	63
Urea (prilled)	FFC	1330	1645	22.52	1644	21.0	-0.1	124
Urea (granular)	FFBL	551	579	7.93	521	6.7	-10.0	95
Urea (PSFL)	FFC	718	825	11.30	854	10.9	3.4	119
Urea	Fatima Fertilizer	500	501	6.87	443	5.7	-11.7	89
<b>Urea</b>	<b>Total</b>	<b>6408</b>	<b>5365</b>	<b>73.44</b>	<b>5933</b>	<b>75.8</b>	<b>10.6</b>	<b>93</b>
CAN (PAR)	PAK ARAB	360	50	0.69	0	0.0	-100	0
CAN	Fatima Fertilizer	420	469	6.41	453	5.79	-3.2	108
<b>CAN</b>	<b>Total</b>	<b>780</b>	<b>519</b>	<b>7.1</b>	<b>453</b>	<b>5.8</b>	<b>-12.7</b>	<b>58</b>
NP(PAR)	PAK ARAB	350	69	0.95	0	0.00	-100	0
NP	EFERT	40	63	0.86	58	0.75	-6.8	146
NP	Fatima Fertilizer	360	402	5.51	437	5.58	8.6	121
<b>NP</b>	<b>Total</b>	<b>750</b>	<b>534</b>	<b>7.3</b>	<b>495</b>	<b>6.3</b>	<b>-7.3</b>	<b>66</b>
DAP-SONA	FFC	675	758	10.38	783	10.00	3.2	116
SSP	LCFL (Al Hamd)	108	0	0.00	0	0.00	-	0
SSP	Agritech Limited	147	65	0.89	56	0.72	-13.4	38
SSP	Suraj Fertilizer	150	0	0.00	20	0.25	-	13
SSP	Safi Chemicals	40	0	0.01	-	-	-	0.0
<b>SSP</b>	<b>Total</b>	<b>445</b>	<b>66</b>	<b>0.90</b>	<b>76</b>	<b>0.97</b>	<b>15.9</b>	<b>17</b>
SOP	Pacific Exim Pvt. Ltd.	10	-	-	6	0.07	-	58
NPK (Various Grades)	EFERT	120	62	0.85	78	0.99	25	65
NPK	Safi Chemicals	40	1	0.01	0	0	-100	0
<b>All Products</b>	<b>Total</b>	<b>9228</b>	<b>7305</b>	<b>100</b>	<b>7824</b>	<b>100</b>	<b>7.1</b>	<b>85</b>
<b>NUTRIENTS</b>								
	Nitrogen	2869	85.1	3111	85.8	8.4		
	Phosphate	492	14.6	499	13.8	1.4		
	Potash	11	0.3	17	0.5	49.6		
	<b>Total</b>	<b>3,373</b>	<b>100</b>	<b>3627</b>	<b>100</b>	<b>7.5</b>		

## 2.2 Fertilizer imports

Imports have been a regular feature of the country's fertilizer sector and its volume is increasing with the increase in fertilizer offtake. Fertilizer import is handled by private sector, except urea, which is undertaken by Trading Corporation of Pakistan (TCP), because of cost considerations and to make urea available at affordable price to farmers.

Domestic production met about 81 per cent of total fertilizer requirements during 2018-19 (80.3 per cent during 2017-18) and the gap between demand and domestic production (19 per cent) was met through imports (Table 5). A total quantity of 1813 thousand tonnes of various products (1093 thousand tonnes in terms of nutrients), was made available through imports (Table 2).

DAP constitutes the major share of 83 per cent. Quantitatively, imports were: DAP 1511, urea 105, NP 14, MAP 28, AS 59, SOP 47, MOP 26 and SSP 23 thousand tonnes. The data are summarized in Table 2 and month-wise details are shown in Annex-2.

**Table 2. Fertilizer imports during 2017-18 and 2018-19**

Products	2017-18		2018-19		Per cent change in 2018-19 over 2017-18
	Imports	Per cent share	Imports	Per cent share	
('000 tonnes)					
<b>PRODUCTS</b>					
Urea	-	-	105	6	-
DAP	1,778	94	1,511	83	-15
SSP	12	1	23	1	86
SOP	49	3	47	3	-3
NP	-	-	14	1	-
MOP	37	2	26	1	-31
AS	20	1	59	3	198
MAP	-	-	28	2	-
<b>All Products</b>	<b>1,896</b>	<b>100</b>	<b>1,813</b>	<b>100</b>	<b>-4.4</b>
<b>NUTRIENTS</b>					
Nitrogen	324	27	339	31	4
Phosphate	820	69	716	65	-13
Potash	47	4	39	4	-16
<b>Total</b>	<b>1,191</b>	<b>100</b>	<b>1,093</b>	<b>100</b>	<b>-8.2</b>

*Note: Quantities less than one thousand tonnes are not reported in this Table.*

## 3. FERTILIZER OFFTAKE DURING 2018-19

### 3.1 Fertilizer offtake by nutrients

Total fertilizer offtake of all nutrients (N+P<sub>2</sub>O<sub>5</sub>+K<sub>2</sub>O) was 4614 thousand tonnes during 2018-19 as compared with 4763 thousand tonnes of last year 2017-18 which witnessed a decrease of 3.1 per cent. Nitrogen offtake decreased by 0.8 per cent during 2018-19, while that of phosphate decreased by 9.8 per cent. Potash offtake witnessed an increase of 6.9 per cent.

Total nutrients offtake during 2018-19, compared with the last four years is given in Table 3

and Table 4 and details are in Annex-3.

**Table 3. Fertilizer nutrient offtake during 2018-19 compared with previous years**

Nutrients	('000 tonnes)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Nitrogen	3,309	2,672	3,730	3,435	3,408
Phosphate	975	1007	1269	1279	1153
Potash	32.9	20.0	41.4	49.9	53.4
Total	4,316	3,699	5,040	4,763	4,614
Percent change		-14.3	36.2	-5.5	-3.1
N:P Ratio	3.39	2.65	2.94	2.69	2.95

### 3.1.1 Nitrogen to phosphate imbalance

Data in Table 5 show that nitrogen share in total nutrients offtake was 73.9 per cent during 2018-19 (72.1 per cent during 2017-18), phosphate 25 per cent share (26.8 per cent during 2017-18) and potash 1.2 per cent (1.0 per cent during 2017-18). The NP ratio (2.95) widened in 2018-19 as compared to 2017-18. It is much wider than recommended level of 2:1. The imbalance in the use of nitrogen and phosphorus is one of the major factors for low fertilizer use efficiency which is also affecting crop yields. The present NP ratio of 2.95 can be brought down by promoting use of phosphatic fertilizers, exploring the local phosphate reserves and by providing DAP on affordable prices to farmers.

### 3.2 Province-wise nutrient share and offtake during 2018-19

Of the 3.1 per cent decrease in total fertilizer nutrient offtake, a decrease of 4.3 per cent was observed in Punjab, 0.3 per cent in Sindh and 4.4 per cent in Balochistan. An increase of 2.1 per cent was observed in KP.

At national level, nitrogen offtake during 2018-19 decreased by 0.8 per cent compared with last year. Nitrogen offtake decreased by 1.3 per cent in Punjab, 0.3 per cent in Sindh and 3.3 per cent in Balochistan where as an increase of 7 per cent was observed in KP.

Phosphate offtake during 2018-19 decreased by 9.8 per cent at national level. Its offtake decreased by 12.4 per cent in Punjab, 0.7 per cent in Sindh 12.9 per cent in KP and 7.7 per cent in Balochistan during 2018-19 as against 2017-18. Potash offtake increased by 6.9 per cent at national level. It increased by 4.9 per cent in Punjab, 8.0 per cent in Sindh, 31.3 per cent in KP and 6.3 per cent in Balochistan during 2018-19 as compared to last year.

Based on five years average, the share of Punjab in overall nutrient offtake was 69 per cent, followed by Sindh 23.9 per cent, KP 4.3 per cent and Balochistan 2.8 per cent. The N to P use ratio was better (2.64:1) in Balochistan compared to other provinces. It is important to note that the provincial share in total nutrient offtake remained more or less the same.

The aggregated province-wise, nutrient offtake during 2018-19 compared with the last four years is presented in Table 4. The detailed month-wise, province-wise, data are presented in Annex-4.

**Table-4. Province-wise nutrient offtake during 2018-19 compared with previous years**

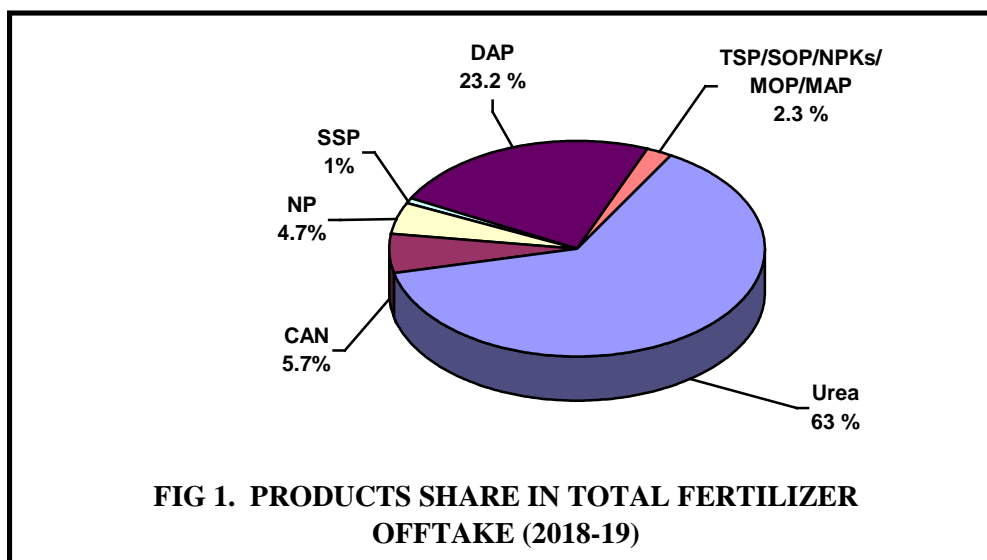
('000 tonnes)

Province	2014-15	2015-16	2016-17	2017-18	2018-19	Percent change in 2018-19 over 2017-18	Provincial Share (%) 5 Years basis	NP ratio 2018-19
<b>Total</b>								
Punjab	2,989	2,503	3,498	3,316	3,173	-4.3	69.0	2.87
Sindh	975	947	1,186	1,126	1,123	-0.3	23.9	3.22
KP	224	174	225	174	178	2.1	4.3	3.30
Balochistan	128	76	131	147	140	-4.4	2.8	2.64
AJK/FATA	0	-	-	0.4	0.5	34.3	-	1.41
<b>Total</b>	<b>4,317</b>	<b>3,699</b>	<b>5,040</b>	<b>4,763</b>	<b>4,614</b>	<b>-3.1</b>	<b>100</b>	<b>2.95</b>
Per cent change over previous year		-14.3	36.2	-5.5	-3.1			
<b>Nitrogen</b>								
Punjab	2,252	1,772	2,537	2,354	2,323	-1.3	67.9	
Sindh	788	715	924	852	850	-0.3	24.9	
KP	168	133	173	125	134	7.0	4.4	
Balochistan	101	52	96	104	100	-3.3	2.7	
AJK/FATA	0	-	-	0.3	0.3	13.2	-	
<b>Total</b>	<b>3,309</b>	<b>2,672</b>	<b>3,730</b>	<b>3,435</b>	<b>3,408</b>	<b>-0.8</b>	<b>100</b>	
Per cent change over previous year		-19.2	39.6	-7.9	-0.8			
<b>Phosphate</b>								
Punjab	714	718	930	925	810	-12.4	72.1	
Sindh	182	227	255	266	264	-0.7	21.0	
KP	54	39	50	47	41	-12.9	4.1	
Balochistan	26	23	34	41	38	-7.7	2.8	
AJK/FATA	-	-	-	0.1	0.2	55.1	0.0	
<b>Total</b>	<b>975</b>	<b>1,007</b>	<b>1,269</b>	<b>1,279</b>	<b>1,153</b>	<b>-9.8</b>	<b>100.0</b>	
Per cent change over previous year		3.3	26.0	0.8	-9.8			
<b>Potash</b>								
Punjab	23	13	31	37	39	4.9	72.5	
Sindh	6	5	7	8	9	8.0	17.7	
KP	2.3	1.2	2.4	2.7	3.6	31.3	6.2	
Balochistan	1.4	0.9	1.4	1.7	1.8	6.3	3.6	
AJK/FATA	-	-	-	-	-	0	-	
<b>Total</b>	<b>33</b>	<b>20</b>	<b>41</b>	<b>50</b>	<b>53</b>	<b>6.9</b>	<b>100</b>	
Per cent change over previous year		-39.0	106.7	20.5	6.9			

### 3.3 Fertilizer offtake by product during 2018-19

During the year 2018-19, a total quantity of about 9484 thousand tonnes (269 thousand tonnes less than that of 2017-18), was sold by marketing agencies, showing a decrease of 2.8 per cent over the same time frame of last year. Offtake of domestically produced products were 7681 thousand tonnes, representing a decrease of 1.9 per cent. Offtake of imported products was about 1803 thousand tonnes, which was 121 thousand tonnes less than that of 2017-18, showing a decrease of 6.3 per cent (Table 5).

Among products, share of urea was 63 per cent, followed by DAP (23.2 per cent), NP (4.7 per cent), CAN (5.7 per cent), SSP (1.0 per cent) and other products (2.3 per cent). The Percentage shares are shown in Figure 1. The summarized product-wise data are presented in Table 5 and the consolidated month-wise, product-wise and nutrient-wise offtake during 2017-18 and 2018-19 are given in Annex-5.



**Table 5. Product-wise fertilizer offtake during 2017-18 and 2018-19**

Products	2017-18 Offtake (000 tonnes)	Per cent Share	2018-19 Offtake (000 tonnes)	Per cent Share	Per cent change in 2018-19 over 2017-18
Urea domestic	5,666	58.1	5,865	61.8	3.5
Urea Imported	159	1.6	105	1.1	-33.8
<b>Total Urea</b>	<b>5,825</b>	<b>59.7</b>	<b>5,970</b>	<b>63.0</b>	<b>2.5</b>
CAN domestic	670	6.9	541	5.7	-19.3
NP Imported	-	-	10	0.1	0.0
NP domestic	572	5.9	440	4.6	-23.1
<b>Total NP</b>	<b>572</b>	<b>5.9</b>	<b>450</b>	<b>4.7</b>	<b>-21.4</b>
SSP domestic	86	0.9	79	0.8	-8.3
SSP Imported	9	0.1	23	0.2	-
DAP domestic	776	8.0	681	7.2	-12.3
DAP Imported	1,664	17.1	1,520	16.0	-8.7
<b>Total DAP</b>	<b>2,440</b>	<b>25.0</b>	<b>2,200</b>	<b>23.2</b>	<b>-9.8</b>
TSP Imported	-	-	-	-	0
SOP domestic	-	-	1	0	-
SOP Imported	41	0.4	42	0.4	2.3
NPK's	58	0.6	75	0.8	28.9
MOP Imported	32	0.3	31	0.3	-3
MAP Imported	-	-	17	0.2	-
AS	19	0.2	55	0.6	192
<b>Grand Total</b>	<b>9,753</b>	<b>100.0</b>	<b>9,484</b>	<b>100.0</b>	<b>-2.8</b>
<b>Total domestic</b>	<b>7,829</b>	<b>80.3</b>	<b>7,681</b>	<b>81.0</b>	<b>-1.9</b>
<b>Total Imported</b>	<b>1,924</b>	<b>19.7</b>	<b>1,803</b>	<b>19.0</b>	<b>-6.3</b>
<b>A. DOMESTIC PRODUCTS</b>					
Nitrogen	3,058	64.2	3,070	66.5	0.4
Phosphate	511	10.7	439	9.5	-14.2
Potash	10	0.2	14	0.3	34.8
<b>Total</b>	<b>3,580</b>	<b>75</b>	<b>3,523</b>	<b>76.3</b>	<b>-1.6</b>
<b>B. IMPORTED PRODUCTS</b>					
Nitrogen	377	7.9	338	7.3	-10.3
Phosphate	767	16.1	714	15.5	-6.9
Potash	40	0.8	40	0.9	-0.2
<b>Total</b>	<b>1,183</b>	<b>25</b>	<b>1,092</b>	<b>23.7</b>	<b>-7.7</b>
<b>C. TOTAL PRODUCTS</b>					
Nitrogen	3,435	72.1	3,408	73.9	-0.8
Phosphate	1,279	26.8	1,153	25.0	-9.8
Potash	49.8	1.0	53	1.2	6.9
<b>Total</b>	<b>4,763</b>	<b>100.0</b>	<b>4,614</b>	<b>100</b>	<b>-3.1</b>

### 3.4 Province-wise Urea and DAP offtake during 2018-19

Urea accounted for the largest share of 63 per cent in total product offtake in the country (Table 5). Its offtake increased by 2.5 per cent at national level over the year 2017-18. General Sales Tax on all type of fertilizer had been reduced to 2 per cent during 2018-19. Urea offtake increased by 2.9 per cent in Punjab, 1.1 per cent in Sindh and 9.9 per cent in KP. Its offtake decreased by 3.0 per cent in Balochistan (Table 6).

DAP offtake during 2018-19, decreased by 9.8 per cent at national level. DAP offtake decreased by 12.1 per cent in Punjab, 1.1 per cent in Sindh, 12.2 per cent in KP and 9.9 per cent in Balochistan during 2018-19 compared to last year 2017-18.

As far as provincial shares in urea offtake are concerned, Punjab share on five years average was 66.6, Sindh 25.8, KP 4.8 and Balochistan 2.8 per cent. DAP share of Punjab was 72.5 per cent, followed by Sindh 20.7, KP 3.9 and Balochistan 2.9 per cent respectively (Table 6). It may be pointed out that the pattern of offtake in all provinces remained more or less the same.

Province-wise summarized data in respect of urea and DAP during 2018-19, compared with last four years are presented in Table 6. Detailed province-wise and product-wise offtake data for all products are given at Annex-6 and 7.

**Table 6. Province-wise offtake of Urea and DAP during 2018-19 compared with previous years**

Province						(‘000 tonnes)	
	2014-15	2015-16	2016-17	2017-18	2018-19	Percent change in 2018-19 over 2017-18	Provincial share (Average 5 years) Per cent
<b>UREA</b>							
Punjab	3,971	2,949	4,233	3,908	4,021	2.9	66.6
Sindh	1458	1271	1646	1504	1520	1.1	25.8
KP	313	251	323	227	250	9.9	4.8
Balochistan	194	87	171	185	180	-3.0	2.8
AJK/FATA	-	-	-	0.23	0.19	-17.6	-
<b>Total</b>	<b>5,937</b>	<b>4,558</b>	<b>6,372</b>	<b>5,825</b>	<b>5,970</b>	<b>2.5</b>	<b>100.0</b>
Per cent change over previous year		-23.2	39.8	-8.6	2.5		
<b>DAP</b>							
Punjab	1,320	1,296	1,723	1,779	1,563	-12.1	72.5
Sindh	333	415	462	495	490	-1.1	20.7
KP	97	70	84	86	75	-12.2	3.9
Balochistan	51	43	60	80	72	-9.9	2.9
<b>Total</b>	<b>1,801</b>	<b>1,823</b>	<b>2,329</b>	<b>2,440</b>	<b>2,200</b>	<b>-9.8</b>	<b>100.0</b>
Per cent change over previous year		1.2	27.7	4.8	-9.8		

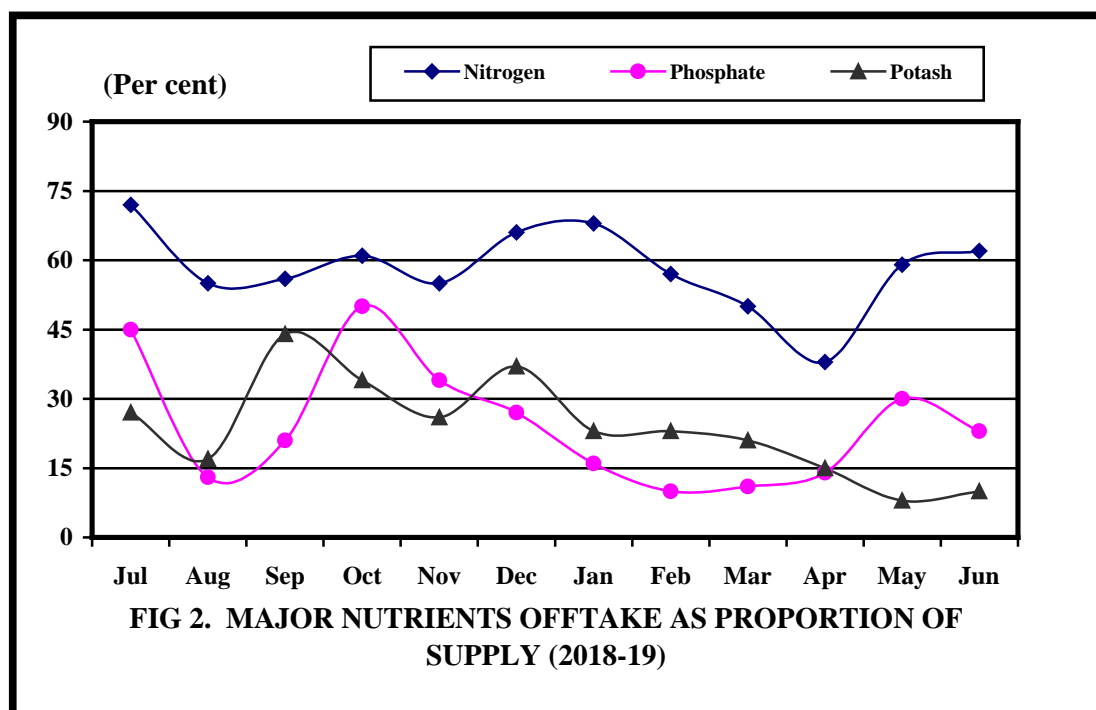
## 4. SUPPLY/DEMAND SITUATION DURING 2018-19

The fertilizer availability/supply includes factory stocks, stocks at warehouses of both public and private sector, domestic production and imported products delivered from Karachi during the month/cropping season/year. This information provides a fair basis of total fertilizer availability in the country.

There are no hard and fast rules to arrive at comfortable or tight fertilizer supply/demand situation. A tool which is used to monitor the fertilizer supply/demand situation is its offtake in proportion of availability. Based on past and present available experience, it has been observed that in order to have comfortable situation, the monthly nitrogen offtake level should not cross 80 per cent of total availability level and in the case of phosphate 70 per cent works well. These are rough indicators, but due to induction of private sector, supplies move fast and where there is demand, the requirements are met quickly. The nutrient-wise supply/demand and product wise supply demand situation of urea, DAP and Nitrophos are presented in the following sub sections.

#### 4.1 Nutrient-wise supply/demand situation during 2018-19

The year 2018-19 had an opening inventory of about 393 thousand nutrient tonnes. Domestic production was 3627 thousand nutrient tonnes, and imports were 1093 thousand nutrient tonnes. Total availability was about 5114 thousand nutrient tonnes (Table7). Total nutrient offtake during 2018-19 was 4614 thousand nutrient tonnes as compared to 4764 thousand nutrient tonnes in 2017-18 showing a decrease by 3.1 per cent. The data in Table 8 reveal that nitrogen offtake as proportion of supply did not cross 80 per cent mark during the whole year hence, reflecting a comfortable situation. The closing (national inventory) balance was 494 thousand tonnes (Table 7), which was higher as compared to previous year 2017-18. The month-wise per cent nutrient offtake as proportion of total supply is presented in Figure 2 (Table 8).



**Table 7. Fertilizer supply/demand situation during 2018-19**

('000 tonnes)							
Description	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos
Opening Balance	160 (640)	214 (178)	20 (12)	393 (830)	105 (1,096)	409 (323)	12 (50)
Domestic production	3111 (2869)	499 (492)	17 (11)	3,627 (3,372)	5,933 (5,365)	783 (758)	495 (534)
Imports	339 (324)	716 (820)	39 (47)	1,093 (1,191)	105 -	1,511 (1,778)	14 -
Total Availability	3,609 (3,833)	1,429 (1,491)	76 (70)	5,114 (5,394)	6,144 (6,461)	2,702 (2,859)	521 (584)
Offtake	3,408 (3,435)	1,153 (1,279)	53 (50)	4,614 (4,764)	5,970 (5,825)	2,200 (2,440)	450 (572)
Export	- (239)	- -	- -	- (239)	- (520)	- -	- -
Adjustments (+/-)	1	-7	0	-5	4	3	6
National Inventory	203 (160)	268 (214)	23 (20)	494 (393)	178 (105)	504 (409)	77 (12)

Note: Figures in parenthesis are for 2017-18.

**Table 8. Month-wise supply and offtake of fertilizer nutrients during 2018-19**

Months	Total availability ('000 tonnes)			Offtake ('000 tonnes)			Offtake as proportion of availability (per cent)		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
Jul-18	446	343	23	322	155	6	72	45	27
Aug-18	427	351	21	236	45	4	55	13	17
Sep-18	477	461	23	266	97	10	56	21	44
Oct-18	544	514	19	330	258	6	61	50	34
Nov-18	530	397	14	291	134	4	55	34	26
Dec-18	574	348	11	381	95	4	66	27	37
Jan-19	456	309	13	308	50	3	68	16	23
Feb-19	357	306	16	205	29	4	57	10	23
Mar-19	420	358	22	212	38	5	50	11	21
Apr-19	471	380	22	179	55	3	38	14	15
May-19	575	383	23	340	116	2	59	30	8
Jun-19	541	347	25	337	81	2	62	23	10

#### 4.2 Product-wise Urea, DAP and Nitrophos supply/demand situation during 2018-19

Urea, DAP and nitrophos are the most commonly used fertilizers among farming communities as source of nitrogen and phosphate. During 2018-19, urea share was 63 per cent, DAP 23.2 per cent, CAN 5.7 per cent and nitrophos 4.7 per cent (Table 5). The offtake of these products as proportion of supply is presented in Figure 3.

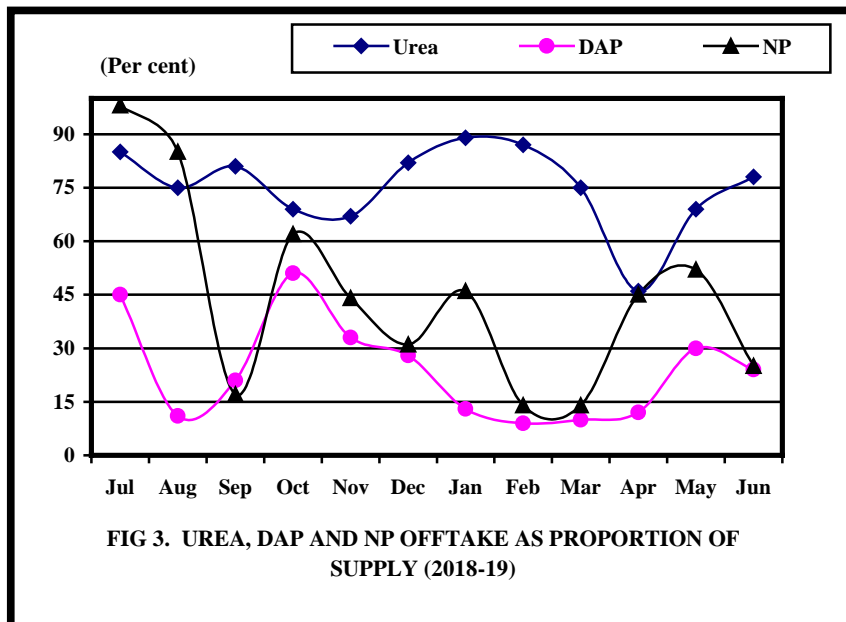


FIG 3. UREA, DAP AND NP OFFTAKE AS PROPORTION OF SUPPLY (2018-19)

The supply/demand situation in respect of urea, DAP and nitrophos is briefly discussed in the following sub sections.

#### 4.2.1 Urea supply/demand situation during 2018-19

The year 2018-19 started with 105 thousand tonnes of urea opening stock, which is below the level of satisfactory. Domestic production was about 5933 thousand tones. Imported supplies comprised of 105 thousand tonnes. The total availability of urea was therefore, 6144 thousand tonnes (Table 7). Total urea offtake was 5970 thousand tonnes, which witnessed an increase of 2.5 per cent over 2017-18. To cater the market demand, 105 thousand tonnes of urea was imported. Urea offtake as proportion of supply crossed 80 per cent mark during July, September, December, January and February (Figure-3), which reflects tight situation. The closing stock at the end of 2018-19, was 178 thousand tonnes, which is not a comfortable opening inventory for the year 2019-20.

The summarized data are presented in Table 7 and 9. Urea offtake during 2018-19 compared with the last five years is at Annex-6. Monthly supply and demand situation is shown graphically in Figure 4.

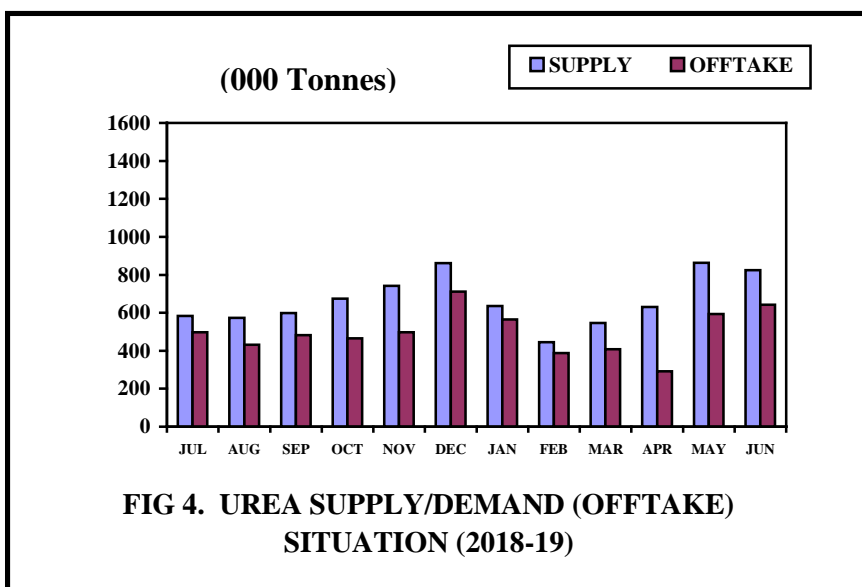
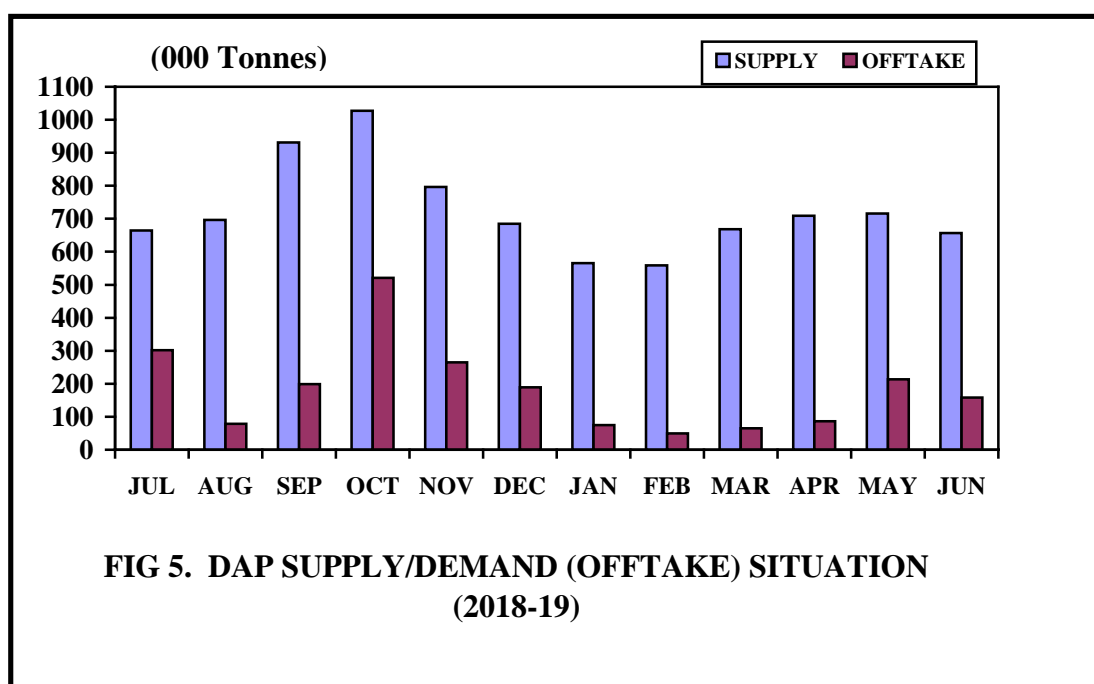


FIG 4. UREA SUPPLY/DEMAND (OFFTAKE) SITUATION (2018-19)

#### 4.2.2 DAP supply/demand situation during 2018-19

The year 2018-19 had an opening inventory of 409 thousand tonnes of DAP. Imports were about 1511 thousand tonnes (1778 thousand tonnes during 2017-18). Domestic production was 783 thousand tonnes. The total availability of DAP was therefore about 2702 thousand tonnes (Table 7). Total DAP offtake was 2200 thousand tonnes as compared to 2440 thousand tonnes during 2017-18, representing a decrease of 9.8 per cent over 2017-18. The closing stock at the end of the year was 504 thousand tonnes, reflecting a comfortable inventory for next year.

The summarized data are shown in Table 7 and 9. Month-wise situation is given in Figure 5 and supply/demand situation during 2018-19 at Annexes 10 and 11. Monthly supply/demand situation of DAP is shown graphically in Figure 5.



#### 4.2.3 Nitrophos supply/demand situation during 2018-19

It may be reiterated that nitrophos is still preferred by the farmers in the country considering a balanced fertilizer. It supplements as well as substitutes both urea (N) and DAP ( $P_2O_5$ ). It is locally produced and small quantities are imported by private sector. NP offtake was 450 thousand tonnes during 2018-19, which was less than previous year level. Total availability of nitrophos during 2018-19 was 521 thousand tonnes.

The summarized data are shown in Table 7 and 9. Month-wise supply/demand situation during the year 2018-19 is presented in Annex 10 and consolidated supply/demand in Annex-11.

**Table 9. Total supply and offtake of major fertilizer products (Urea, DAP and Nitrophos) during 2018-19**

Months	Total availability ('000 tonnes)			Offtake ('000 tonnes)			Offtake as proportion of availability (per cent)		
	UREA	DAP	NP	UREA	DAP	NP	UREA	DAP	NP
Jul-18	583	664	57	497	302	56	85	45	98
Aug-18	573	696	39	431	79	33	75	11	85
Sep-18	598	931	43	482	199	7	81	21	17
Oct-18	674	1,027	76	465	521	47	69	51	62
Nov-18	741	796	72	497	265	31	67	33	44
Dec-18	862	685	96	711	189	30	82	28	31
Jan-19	635	566	117	564	75	54	89	13	46
Feb-19	445	559	114	388	49	16	87	9	14
Mar-19	546	668	124	408	65	17	75	10	14
Apr-19	630	709	143	292	86	65	46	12	45
May-19	864	716	129	593	213	68	69	30	52
Jun-19	824	657	102	643	158	25	78	24	25

#### 4.3 Fertilizer use (nutrients) per hectare of cropped area during 2018-19

The data given in Table 10 present average fertilizer use in kg nutrients per hectare of cropped area. It may be seen that average nutrient use rate during 2018-19 decreased to 197 kg/ha, compared to 206 kg/ha during 2017-18 (Table 10). These figures are based on actual offtake in the provinces and total cropped area.

Fertilizer use per unit area in Sindh was the highest i.e., 312 kg/ha (313 kg/ha during 2017-18), followed by Punjab at 187 kg/ha (199 kg/ha during 2017-18), KP 96 kg/ha (94 kg/ha during 2017-18) and Balochistan 132 kg/ha (139 kg/ha during 2017-18).

**Table 10. Fertilizer use status during 2018-19**

Province	Cropped Area (million ha)	Total consumption during 2018-19 (000 tons)				Nutrients Use rate during 2018-19 (Kg/ ha)			
		Nitrogen	Phosphate	Potash	Total	Nitrogen	Phosphate	Potash	Total
Punjab	16.93	2,323	810	39	3,173	137	48	2.3	187
Sindh	3.60	850	264	9	1,123	236	73	2.5	312
KP	1.86	134	41	4	178	72	22	1.9	96
Balochistan	1.06	100	38	2	140	95	36	1.7	132
AJK/Gilgit Baltistan	-	0.3	0.2	-	0.5	-	-	-	-
Total	23.45	3,408	1,153	53	4,614	145	49	2.3	197

#### 4.4 District-wise fertilizer offtake during 2018-19

District-wise fertilizer offtake as kg nutrients per hectare is presented in Table 11. The data have been categorized mainly in three groups; i) districts with low fertilizer use rate up to 50 kg nutrients per hectare ii) districts with medium fertilizer use rate ranging from 50 to 100 kg

nutrients per hectare, and iii) districts showing fertilizer use over 100 kg/ha. The districts with very low level of offtake and for which cropped area is not available have been excluded.

It may be observed that 45 districts fall in the category of low fertilizer offtake areas having fertilizer use ranging up to 50 kg nutrients per hectare. Low consuming areas/districts belong mostly to KP, Balochistan and Punjab. There were 14 districts, which fall under medium fertilizer offtake category, ranging between 50 to 100 kg nutrients per hectare. The third category classified as high fertilizer offtake area/districts, includes 61 districts with fertilizer offtake above 100 kg nutrients per hectare. Out of these, 26 districts belong to Punjab, followed by Sindh (19 districts), KP (7 districts) and Balochistan (9 districts). Details of product-wise, nutrient-wise and district-wise offtake data may be seen in Annex-12 and 13. It is evident that some of the districts in Sindh and Balochistan showed very high figures, because big dealers and stockists are located in urban areas. Thus offtake in such cases may not be considered as actual agricultural use. These figures should be used with care and not quoted arbitrarily.

**Table 11. Category-Wise district-wise fertilizer Use rate during 2018-19**

Fertilizer Nutrient use Rate	Number of Districts				Pakistan
	Punjab	Sindh	KP	Balochistan	
i. Upto 50 kg/h	8	1	20	16	45
ii. 50-100 kg/h	3	3	3	5	14
iii. Above 100 kg/h	26	19	7	9	61
<b>Total</b>	<b>37</b>	<b>23</b>	<b>30</b>	<b>30</b>	<b>120</b>

#### 4.5 Fertilizer Subsidy

In order to provide fertilizers to farming community at affordable price, Government has reduced General Sales Tax to 2 per cent for all type of fertilizers. Following were different type of subsidies in fertilizer sector during 2018-19.

- 1 Implementation of uniform tax rate of 2% for all type of fertilizers.
- 2 Government has ensured adequate supplies of urea in Rabi season by providing a subsidy of Rs. 1,292 per bag for 105 thousand tonnes of imported urea.
- 3 Local manufacturers have also been subsidized to Rs. 714 per bag of urea by providing cheaper feed gas.
- 4 The government has recently operationalized two fertilizer plants, located at SNGPL network, by providing LNG, at subsidized rate.
- 5 Provincial Government of Punjab is providing subsidy at following rates.  
DAP 500, NP and SSP 200, SOP 800, MOP 500, NPK 300 (Rs. per bag)

### 5. FERTILIZER AVAILABILITY DURING KHARIF 2018

#### 5.1 Domestic production

Domestic production of all fertilizer products during Kharif 2018 (April-September) was about 3588 thousand product tonnes, which was 555 thousand tonnes less than Kharif 2017. In nutrient terms, a total quantity of 1660 thousand tonnes was produced by the domestic industry.

Of the total domestic production, nitrogen was 1423 thousand tonnes, which accounted for 85.7 per cent (89.4 per cent in Kharif 2017). Phosphate production was 232 thousand tonnes, which captured a share of 14.0 per cent (15.3 per cent in Kharif 2017) and potash had just 0.3 per cent share (Table 12).

Urea production during Kharif 2018 remained at a level of about 2699 thousand tonnes (2957 thousand tonnes during Kharif 2017). DAP Production was 375 thousand tonnes, which decreased (13.4 per cent) than that of Kharif 2017. Production of nitrophos decreased by 38.1 per cent, CAN decreased by 29.2 per cent, while SSP production decreased by 0.8 per cent.

Of the six fertilizer products produced in the country, share of urea in Kharif 2018 was 75.2 per cent (71.4 per cent in Kharif 2017), followed by DAP 10.5 per cent (10.5 per cent in Kharif 2017), NP 6.3 per cent (8.9 per cent in Kharif 2017), CAN 6.4 per cent (7.8 per cent in Kharif 2017), SSP 0.9 per cent (0.8 per cent in Kharif 2017) and various grades of NPKs 0.7 per cent (0.7 per cent in Kharif 2017). Tonnage-wise, the domestic industry produced the following quantities during Kharif 2018: Urea 2699, CAN 229, NP 227, DAP 375, SSP 31 and NPK's (various grades) 27 thousand tonnes. The data are summarized in Table 12 and month-wise details may be seen in Annex-14 and consolidated data in Annex-18.

**Table 12. Domestic fertilizer production during Kharif 2017 and 2018**

Products	Manufacturer	Kharif 2017		Kharif 2018		Per cent change in Kharif 2018 over Kharif 2017
		Production ('000 t)	Per cent share	Production ('000 t)	Per cent share	
<b>PRODUCTS</b>						
Urea	DHL	45	1.1	0	0.0	-100.0
Urea	EFERT	953	23.0	843	23.5	-11.5
Urea (PFL)	PAK ARAB	22	0.52	0	0.0	-100.0
Urea(PAFL)	Agritech	114	2.8	4	0.1	-96.1
Urea (Prilled)	FFC	859	20.7	853	23.8	-0.7
Urea (Granular)	FFC	318	7.7	316	8.8	-0.7
Urea (PSFL)	FFC	430	10.4	433	12.1	0.7
Urea	Fatima	216	-	250	7.0	15.8
<b>Urea</b>	<b>Total</b>	<b>2,957</b>	<b>71.4</b>	<b>2699</b>	<b>75.2</b>	<b>-8.7</b>
CAN (Par)	PAK ARAB	122	2.9	0	0.0	-100.0
CAN	Fatima	201	4.85	229	6.4	13.8
<b>CAN</b>	<b>Total</b>	<b>323</b>	<b>7.8</b>	<b>229</b>	<b>6.4</b>	<b>-29.2</b>
NP (Par)	PAK ARAB	157	3.8	0	0.0	-100.0
NP	EFERT	40	1.0	24	0.7	-38.7
NP	Fatima	171	0.0	203	5.7	18.9
<b>NP</b>	<b>Total</b>	<b>367</b>	<b>8.9</b>	<b>227</b>	<b>6.3</b>	<b>-38.1</b>
DAP - Sona	FFC	433	10.5	375	10.5	-13.4
SSP (J.Wal 18%)	AL-HAMD	0	0.0	0	0.0	0.0
SSP(H.Pur 18%)	Agritech	29	0.7	28	0.8	-3.8
SSP	Suraj Fertilizers	3	-	4	0.10	31.3
<b>SSP</b>	<b>Total</b>	<b>31</b>	<b>0.8</b>	<b>31</b>	<b>0.9</b>	<b>-0.8</b>
NPK (Various Grades)	EFERT	30	0.7	27	0.7	-10.3
NPK (2:20:3)	Safi Chemicals	2	0.0	0	0.0	-
<b>All Products</b>	<b>Total</b>	<b>4,143</b>	<b>100.0</b>	<b>3,588</b>	<b>100.0</b>	<b>-13.4</b>
<b>NUTRIENTS</b>						
	Nitrogen	1609	84.4	1423	85.7	-11.6
	Phosphate	292	15.3	232	14.0	-20.4
	Potash	5	0.3	5	0.3	-12.6
	<b>Total</b>	<b>1,907</b>	<b>100</b>	<b>1660</b>	<b>100</b>	<b>-12.9</b>

## 5.2 Fertilizer imports during Kharif 2018

Five products such as DAP, AS, SSP, SOP and MOP were imported during Kharif 2018. Fertilizer imports were 1122 thousand product tonnes, which witnessed an increase of 20.3 per cent, over Kharif 2017 (Table 13).

The share of DAP in total imports was 95 per cent. DAP imports were 1063 thousand tonnes (867 thousand tonnes during Kharif 2017). Total imports in terms of nutrients were 705 thousand tonnes, which witnessed an increase of 21 per cent. Volumes of imported fertilizer during Kharif 2018 comprised: DAP 1063, SOP 22, MOP 15, AS and SSP 11 thousand tonnes each. The summarized product-wise and nutrient-wise data are given in Table 13. Month-wise details are presented in Annex-15.

**Table 13. Fertilizer imports during Kharif 2017 and 2018**

('000 tonnes)

Products	Kharif 2017		Kharif 2018		Per cent change in Kharif 2018 over Kharif 2017
	Imports ('000t)	Per cent share	Imports ('000t)	Per cent share	
<b>PRODUCTS</b>					
UREA	-	-	-	-	-
DAP	867	93.0	1063	95	23
SSP	2	0.2	11	1.0	559
SOP	25	2.7	22	2	-11
MOP	23	2.4	15	1	-34
AS	16	2	11	0.9	-34
NP	-	-	-	-	-
<b>All Products</b>	<b>933</b>	<b>100</b>	<b>1,122</b>	<b>100</b>	<b>20.3</b>
<b>NUTRIENTS</b>					
Nitrogen	159	27	194	27	21
Phosphate	399	68	491	70	23
Potash	26	4	20	3	-23
<b>Total</b>	<b>585</b>	<b>100</b>	<b>705</b>	<b>100</b>	<b>21</b>

Note: Quantities less than one thousand tonnes are not reported in this Table.

## 6. FERTILIZER OFFTAKE/CONSUMPTION DURING KHARIF 2018

### 6.1 Fertilizer offtake by nutrients

The overall fertilizer nutrient offtake during Kharif 2018 witnessed a significant decrease of 11.7 per cent over previous season i.e., from 2416 thousand nutrient tonnes in 2017 to 2135 thousand nutrient tonnes in 2018 (Table 14). Nitrogen offtake decreased by 11.7 per cent while phosphate offtake decreased by 12.4 per cent. Potash offtake witnessed an increase of 9.8 per cent.

Nitrogen captured 76.5 per cent share in total nutrient offtake during Kharif 2018 (76.5 per cent during Kharif 2017). Phosphate claimed 22.3 per cent share (22.5 per cent during Kharif 2017) while the potash share 1.2 per cent.

Aggregated data are given in Table 14, Annex-17 and the monthly nutrient offtake of Kharif 2018 compared with the last five seasons are shown in Annex-3.

**Table 14 Fertilizer offtake (nutrient-wise) during Kharif 2018 compared with previous seasons**

					('000 tonnes)
Nutrient	Kharif 2014	Kharif 2015	Kharif 2016	Kharif 2017	Kharif 2018
Nitrogen	1479	1312	1512	1849	1633
Phosphate	331	246	402	544	476
Potash	14	11	12	24	26
<b>Total</b>	<b>1,823</b>	<b>1,569</b>	<b>1926</b>	<b>2416</b>	<b>2135</b>
N:P Ratio	4.47	5.34	3.76	3.40	3.43
					(% change)
Nitrogen		-11	15	22	-11.7
Phosphate		-26	63	35	-12.4
Potash		-23	16	92	9.8
<b>Total</b>		<b>-13.9</b>	<b>22.8</b>	<b>25.4</b>	<b>-11.7</b>

## 6.2 Province-wise nutrient offtake

At national level, overall nutrient offtake during Kharif 2018 decreased by 11.7 per cent compared with last Kharif 2017. Province-wise decrease in nutrient offtake was: Punjab 12.7 per cent, Sindh 8.1, KP 9.8 and Balochistan 18.7 per cent over last Kharif 2017.

The decrease in nitrogen offtake at national level during Kharif 2018 was 11.7 per cent as compared to last Kharif. On provincial basis a decrease of 13.7 per cent in Punjab, 7.1 per cent in Sindh, 10.2 per cent in KP and 6.4 Per cent in Balochistan was recorded during Kharif 2018 as compared with Kharif 2017.

Phosphate offtake decreased by 12.4 per cent at national level compared with Kharif 2017. This included decreases of 10 per cent in Punjab, 12 per cent in Sindh, 11 per cent in KP and 45 per cent in Balochistan.

In overall nutrient offtake based on five years average, share of Punjab during Kharif was 67 per cent, followed by Sindh 25 per cent, KP 5 per cent and Balochistan 3 per cent.

The data are summarized in Table 15 and the detailed month, province and nutrient-wise data for Kharif 2018 compared with last four seasons are presented in Annex-4.

**Table 15. Province-wise nutrient offtake during Kharif 2018 compared with previous seasons**

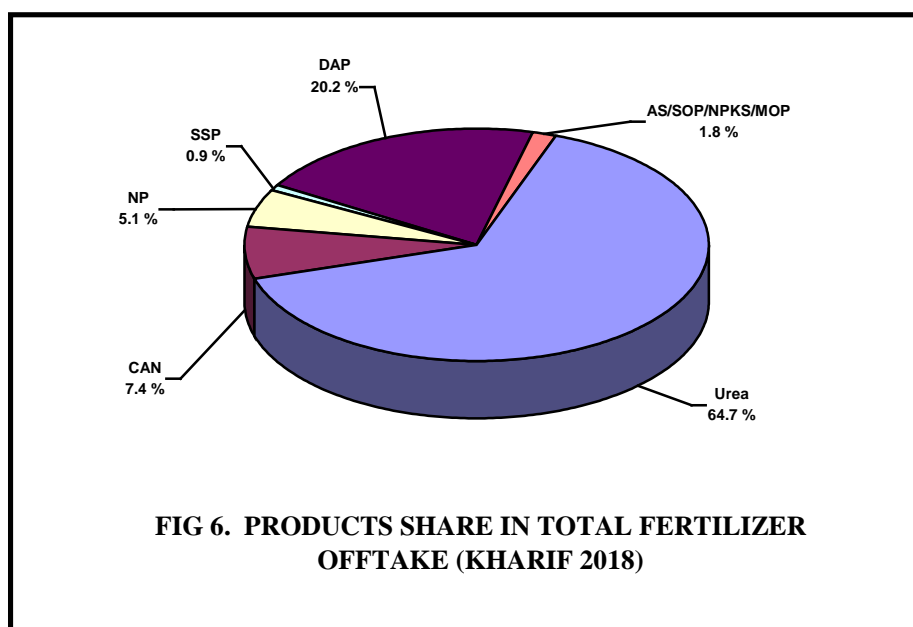
('000 tonnes)

Province	Kharif 2014	Kharif 2015	Kharif 2016	Kharif 2017	Kharif 2018	Percent change in Kharif 2018 over Kharif 2017	Provincial share (%) 5 years basis
<b>Total</b>							
Punjab	1230	1023	1,238	1,661	1,451	-12.7	67
Sindh	426	414	523	592	544	-8.1	25
KP	103	86	106	89	80	-9.8	5
Balochistan	63	47	59	74	60	-18.7	3
AJK/FATA	-	-	-	0.3	0.03	-90.4	-
<b>Total</b>	<b>1,823</b>	<b>1,569</b>	<b>1,926</b>	<b>2,416</b>	<b>2,135</b>	<b>-11.7</b>	<b>100</b>
Percent Change Over Previous Year		-13.9	22.8	25.4	-11.7		
<b>Nitrogen</b>							
Punjab	982	854	964	1,258	1,085	-13.7	66
Sindh	361	351	422	473	439	-7.1	26
KP	83	70	86	69	62	-10.2	5
Balochistan	53	37	39	49	46	-6.4	3
AJK/FATA	-	-	-	0.2	0.1	-27.7	-
<b>Total</b>	<b>1,479</b>	<b>1,312</b>	<b>1,512</b>	<b>1,849</b>	<b>1,633</b>	<b>-11.7</b>	<b>100</b>
Percent Change Over Previous Year		-11.2	15.2	22.3	-11.7		
<b>Phosphate</b>							
Punjab	238	162	264	386	346	-10	70
Sindh	63	60	99	114	101	-12	22
KP	20	14	19	19	17	-11	4
Balochistan	10	9	19	24	13	-45	4
AJK/FATA	-	-	-	0.2	-	-100	-
<b>Total</b>	<b>331</b>	<b>246</b>	<b>402</b>	<b>544</b>	<b>476</b>	<b>-12.4</b>	<b>100</b>
Percent change Over Previous Year		-25.7	63.4	35.3	-12.4		
<b>Potash</b>							
Punjab	9.9	7.0	9.5	17.7	19.8	12	74
Sindh	2.7	2.2	1.7	4.2	3.8	-11	17
KP	0.7	0.8	0.6	0.9	1.3	53	5
Balochistan	0.5	0.6	0.5	0.8	1.0	26	4
AJK/FATA	-	-	-	-	-	0	0
<b>Total</b>	<b>14</b>	<b>11</b>	<b>12</b>	<b>23.64</b>	<b>25.96</b>	<b>9.8</b>	<b>100</b>
Percent Change Over Previous Year		-23	16	92	9.8		

### 6.3 Fertilizer offtake/use by product

During Kharif 2018, a total of about 4462 thousand product tonnes were consumed as compared to 5062 thousand tonnes during Kharif 2017 reflecting a decrease of 11.9 per cent. Urea, DAP and Nitrophos constituted 90 per cent of total products consumed. The domestic nutrient offtake decreased by 6.0 per cent, while imported fertilizers nutrient offtake also decreased by 28.9 per cent over Kharif 2017.

Among the various products, Urea captured 64.7 per cent share in total fertilizer offtake, followed by DAP with 20.2 per cent. The shares of CAN, NP and SSP were 7.4, 5.1 and 0.9 per cent, respectively. The cumulative share of remaining products was 1.8 per cent (Figure 6). Urea offtake decreased by 10.7 per cent and DAP offtake by 9.2 per cent as compared to Kharif 2017. The share of domestic products in total fertilizer offtake was 84.8 per cent (80.2 per cent during Kharif 2017), while that of imported fertilizer accounted for 15.2 per cent (19.8 per cent during Kharif 2017). The consolidated product-wise fertilizer offtake during Kharif 2017 and Kharif 2018 is presented in Table 16 and detailed month and product-wise offtake is presented in Annex-10 and consolidated in Annex-16.



**Table 16. Product-wise fertilizer offtake during Kharif 2017 and 2018**

('000 tonnes)

Products	Kharif 2017	Per cent Share	Kharif 2018	Per cent Share	Per cent change in Kharif 2018 over 2017
Urea Imported	217	4.3	0	0.0	-100
Urea domestic	3018	59.6	2887	64.7	-4.3
<b>Total Urea</b>	<b>3,234</b>	<b>63.9</b>	<b>2,887</b>	<b>64.7</b>	<b>-10.7</b>
CAN domestic	372	7.3	330	7.4	-11
NP domestic	356	7.0	227	5.1	-36.2
NP Imported	-	-	-	-	-
SSP Imported	0.19	0.00	9	0.2	-
SSP domestic	32	0.6	31	0.7	-3
DAP domestic	252	5.0	278	6.2	10
DAP Imported	740	14.6	623	14.0	-16
<b>Total DAP</b>	<b>993</b>	<b>19.6</b>	<b>901</b>	<b>20.2</b>	<b>-9.2</b>
TSP Imported	-	-	-	-	-
SOP Imported	18	0.4	21	0.5	19
NPK's domestic	30	0.6	30	0.7	2
MOP Imported	16	0.3	17	0.4	5
MAP Imported	-	-	-	-	-
AS Imported	13	0.2	9	0.2	-
<b>Grand Total</b>	<b>5,062</b>	<b>100.0</b>	<b>4462</b>	<b>100.0</b>	<b>-11.9</b>
<b>Total domestic</b>	<b>4,059</b>	<b>80.2</b>	<b>3783</b>	<b>84.8</b>	<b>-6.8</b>
<b>Total Imported</b>	<b>1,003</b>	<b>19.8</b>	<b>679</b>	<b>15.2</b>	<b>-32.3</b>
<b>A. DOMESTIC PRODUCTS</b>					
Nitrogen	1613	66.8	1518	71.1	-5.9
Phosphate	203	8.4	188	8.8	-7.5
Potash	5	0.2	5	0.3	3.4
<b>Total</b>	<b>1,821</b>	<b>75.4</b>	<b>1712</b>	<b>80.2</b>	<b>-6.0</b>
<b>B. IMPORTED PRODUCTS</b>					
Nitrogen	235	9.7	114	5.3	-51.6
Phosphate	341	14.1	288	13.5	-15.3
Potash	18	0.8	21	1.0	11.6
<b>Total</b>	<b>595</b>	<b>24.6</b>	<b>423</b>	<b>19.8</b>	<b>-28.9</b>
<b>C. TOTAL PRODUCTS</b>					
Nitrogen	1849	76.5	1633	76.5	-11.7
Phosphate	543	22.5	476	22.3	-12.4
Potash	24	1.0	26	1.2	9.8
<b>Total</b>	<b>2,416</b>	<b>100.0</b>	<b>2135</b>	<b>100.0</b>	<b>-11.7</b>

## 6.4 Province-wise urea and DAP offtake/consumption during Kharif 2018

Urea offtake during Kharif 2018 exhibited a decrease of 10.7 per cent over Kharif 2017 at national level. Decrease of 13.9, 4.3 and 9.1 per cent was observed in Punjab, Sindh and KP respectively, while increase of 4.1 per cent was recorded in Balochistan (Table 17).

At national level, DAP offtake also witnessed a decrease of 9.2 per cent. Decreases of 7.1 per cent in Punjab, 8.3 per cent in Sindh, 3.2 per cent in KP and 48.1 per cent in Balochistan were experienced during Kharif 2018 over Kharif 2017.

The share of Punjab in urea offtake on five years basis was 65 per cent, Sindh 27, KP 5.1 and Balochistan 2.9 per cent. As regards DAP offtake on provincial basis, Punjab's share was 69.8 per cent, Sindh 21.8, KP 4.3 and Balochistan 4.1 per cent.

Province-wise summary in respect of urea and DAP offtake during Kharif 2018 compared with the previous seasons is presented in Table 17. Detailed province-wise and product-wise urea and DAP offtake for all the products are given at Annexes 6 and 7.

**Table 17. Province-wise urea and DAP offtake during Kharif 2018 compared with previous seasons**

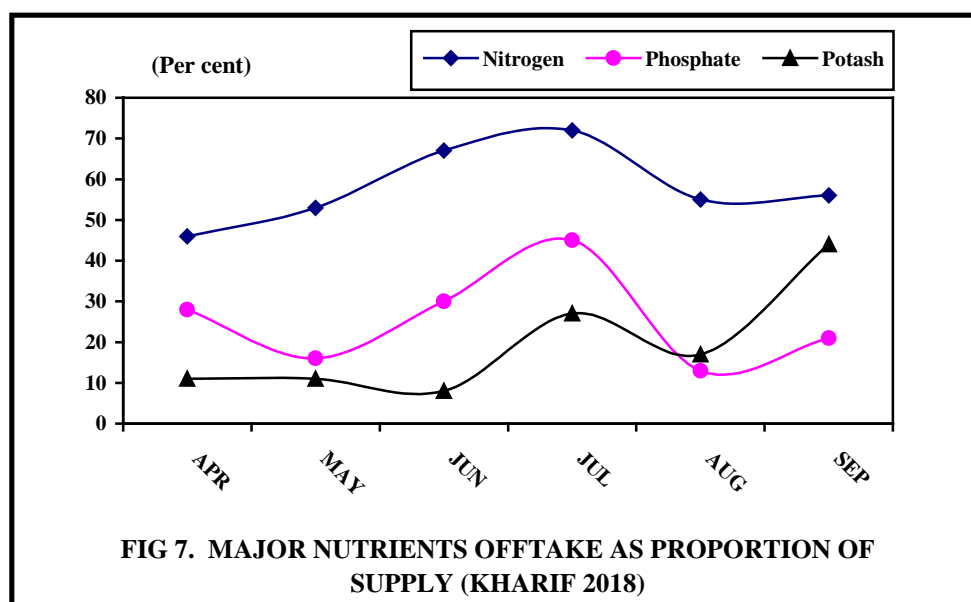
Province							('000 tonnes)	
	Kharif 2014	Kharif 2015	Kharif 2016	Kharif 2017	Kharif 2018	Percent change in Kharif 2018 over Kharif 2017	Provincial share (Average 5 years) Per cent	
<b>UREA</b>								
Punjab	1,771	1,565	1,693	2,173	1,871	-13.9	65.0	
Sindh	679	649	780	847	811	-4.3	27.0	
KP	160	138	167	131	119	-9.1	5.1	
Balochistan	105	72	64	83	86	4.1	2.9	
AJK/FATA	0	0	0	0	0.1	-	-	
<b>Total</b>	<b>2,716</b>	<b>2,424</b>	<b>2,703</b>	<b>3,234</b>	<b>2,887</b>	<b>-10.7</b>	<b>100</b>	
Per cent change over previous year		-10.7	11.5	19.6	-10.7			
<b>DAP</b>								
Punjab	422	264	453	707	657	-7.1	69.8	
Sindh	111	105	177	204	187	-8.3	21.8	
KP	33	25	31	33	32	-3.2	4.3	
Balochistan	20	19	35	48	25	-48.1	4.1	
<b>Total</b>	<b>586</b>	<b>413</b>	<b>697</b>	<b>992.7</b>	<b>901</b>	<b>-9.2</b>	<b>100.0</b>	
Per cent change over previous year		-29.5	68.7	42.4	-9.2			

## 7. SUPPLY/DEMAND SITUATION DURING KHARIF 2018

### 7.1 Nutrient-wise supply/demand situation during Kharif 2018

The opening stock for Kharif 2018 was about 365 thousand nutrient tonnes. Total supply, based on opening stock, domestic production and imports was 2730 thousand nutrient tonnes, which was 659 thousand tonnes less than that of Kharif 2017 (Table 18).

Total offtake during the season under review was 2135 thousand nutrient tonnes which witnessed a decrease by 11.7 per cent compared with 2017. Nitrogen offtake as proportion of supply was well below 80.0 per cent mark from April to September 2018, which is a reflection of satisfactory situation (Table 19, Figure 7). Phosphate offtake also did not exceed 45 per cent except in the month of July, which is indicative of comfortable situation. The closing stock was about 587 thousand tonnes. The data are summarized in Table 18 and the month-wise nutrient supply/demand situation during Kharif 2018 may be seen in Annex-8. Month and nutrient-wise availability, its offtake, and offtake as proportion of availability are given in Table 19.



**Table 18. Nutrient-wise supply/demand situation during Kharif 2018**

Description	('000 Tonnes)						
	Nitrogen	Phosphate	Potash	Total	Urea	Dap	Nitrophos
Opening Balance	233	118	14	365	316	196	30
	(813)	(74)	(10)	(897)	(1,501)	(85)	(89)
Domestic production	1,423	232	5	1,660	2,699	375	227
	(1,609)	(292)	(5)	(1,907)	(2,957)	(433)	(367)
Imports	194	491	20	705	-	1,063	-
	(159)	(399)	(26)	(585)	-	(867)	-
<b>Total Availability</b>	<b>1,850</b>	<b>841</b>	<b>39</b>	<b>2,730</b>	<b>3,015</b>	<b>1,634</b>	<b>257</b>
	(2,581)	(766)	(42)	(3,389)	(4,457)	(1,385)	(456)
Offtake	1,633	476	26	2,135	2,887	901	227
	(1,849)	(544)	(24)	(2,416)	(3,234)	(993)	(356)
Export	-	-	-	-	-	-	-
	(199)	-	-	(199)	(421)	-	-
Adjustment (+)(-)	-7	-2	0	-9	-13	-1	5
	(2)	(-2)	-	-	(-6)	(-11)	-
National Inventory	211	363	13	587	115	732	36
	(535)	(220)	(18)	(774)	(796)	(382)	(100)

Note: Figures in parenthesis are for Kharif 2017. Quantities less than one thousand are not given in this Table. Small variations may be due to rounding of figures.

**Table 19. Total supply and offtake of fertilizer nutrients during Kharif 2018**

Months	Total availability ('000 tonnes)			Offtake ('000 tonnes)			Offtake as proportion of availability (per cent)		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
Apr-18	467	163	19	213	45	2	46	28	11
May-18	495	241	21	264	40	2	53	16	11
Jun-18	491	308	21	331	94	2	67	30	8
Jul-18	446	343	23	322	155	6	72	45	27
Aug-18	427	351	21	236	45	4	55	13	17
Sep-18	477	461	23	266	97	10	56	21	44

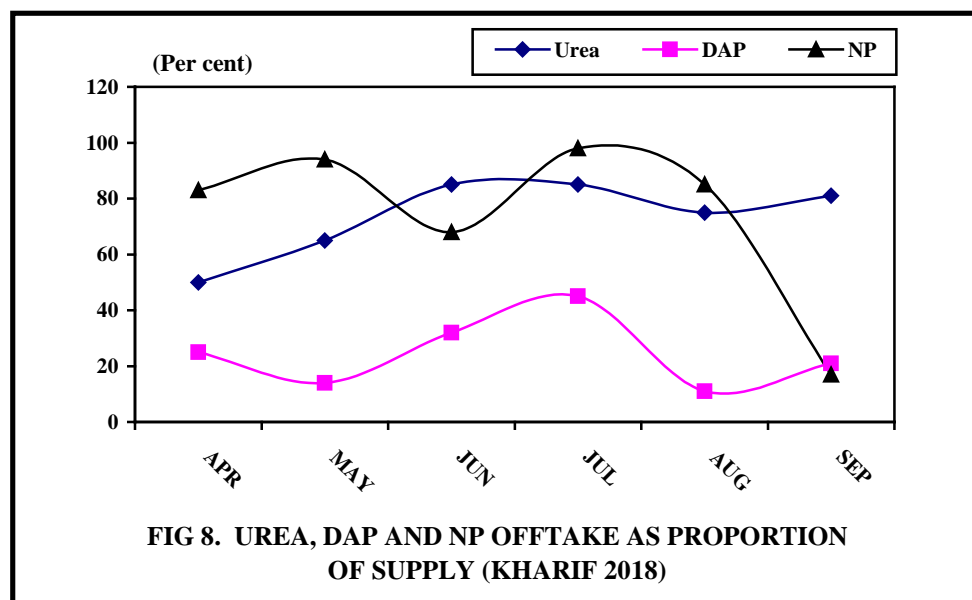
## 7.2 Urea supply/demand situation during Kharif 2018

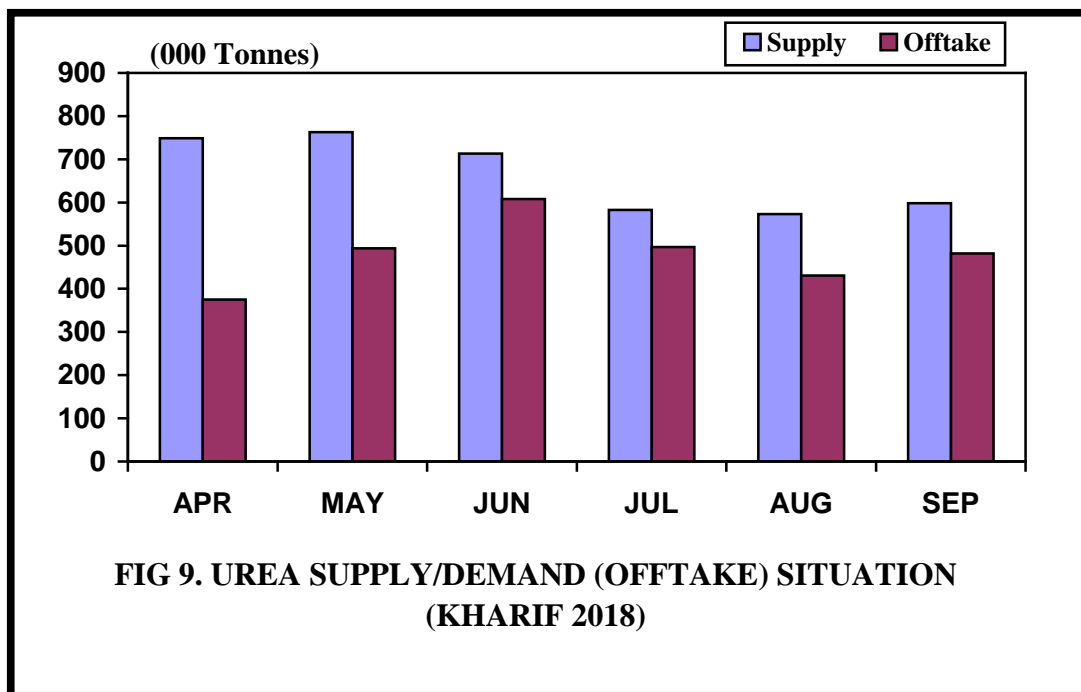
Kharif 2018 opened with a balance of about 316 thousand tonnes of urea. Domestic production was 2699 thousand tones, thereby making total availability of 3015 thousand tonnes.

**Table 20. Total supply and offtake of principal products during Kharif 2018**

Months	Total availability ('000 tonnes)			Offtake ('000 tonnes)			Offtake as proportion of availability (per cent)		
	UREA	DAP	NP	UREA	DAP	NP	UREA	DAP	NP
Apr-18	749	272	72	375	69	60	50	25	83
May-18	763	448	48	494	63	45	65	14	94
Jun-18	713	599	37	608	190	25	85	32	68
Jul-18	583	664	57	497	302	56	85	45	98
Aug-18	573	696	39	431	79	33	75	11	85
Sep-18	598	931	43	482	199	7	81	21	17

Total urea offtake was about 2887 thousand tonnes, representing a decrease of 10.7 per cent over Kharif 2017 (Table 17). Urea offtake as proportion of supply during Kharif 2018 exceeded 80 per cent mark in the month of June, July and September which reflect tight situation (Table 20). Closing balance of Kharif 2018 for urea was 115 thousand tonnes which is not a comfortable opening inventory for coming season. The offtake of urea vs. supply may be seen in Figure 8 and 9.





Urea offtake during Kharif 2018 compared with the last seasons is shown in Annex-6. The summarized data are given in Table 18. Month-wise total supply of urea, its offtake and offtake as proportion of availability are shown in Table 20 and the month-wise supply/demand situation in respect of urea and other products are presented in Annex-10. Consolidated supply/demand situation is shown in Annex-18.

### 7.3 DAP supply/demand situation during Kharif 2018

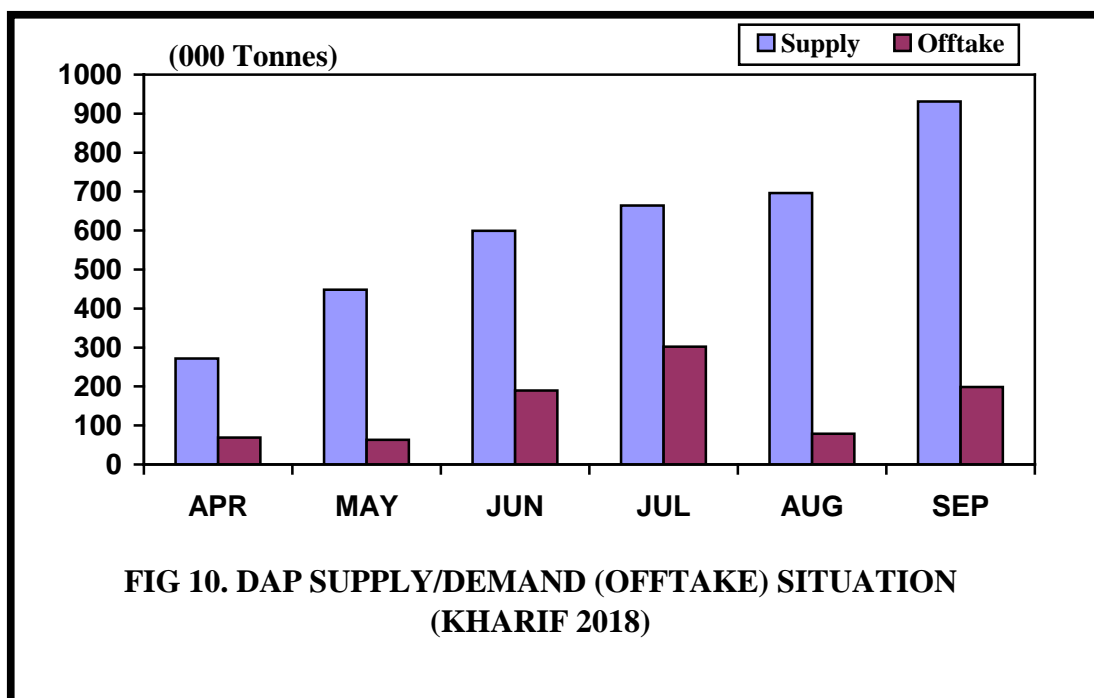
Total availability of DAP was 1634 thousand tonnes which comprised opening inventory of 196 thousand tonnes, domestic production of 375 thousand tonnes and imports of 1063 thousand tonnes. Offtake of DAP remained 901 thousand tonnes during Kharif 2018. DAP offtake in proportion to supply remained below 70 per cent mark. The closing stock worked out was 732 thousand tonnes at the end of Kharif 2018 (Table 18 and 20).

DAP offtake during Kharif 2018 compared with the last seasons is shown in Annex-6. The summarized data are given in Table 18. Month-wise DAP availability, its offtake and offtake as proportion to supply are shown in Table 20 and the month-wise supply/demand situation in respect of DAP and other products is presented in Annex-10 and consolidated supply/demand situation is presented in Annex-18 (Figure 10).

### 7.4 Nitrophos supply/demand situation during Kharif 2018

With the opening stock of 30 thousand tonnes and domestic production of 227 thousand tonnes, total availability during Kharif 2018 was 257 thousand tonnes. Total offtake remained 227 thousand tonnes. The closing stock was 36 thousand tonnes at the end of season.

The summarized data are shown in Table 18. Month-wise and consolidated supply/demand situation is presented in Annex-10 and 18. Month-wise nutrient availability, its offtake and offtake as proportion to supply may be seen in Table 20.



## 8. FERTILIZER AVAILABILITY DURING RABI 2018-19

### 8.1 Domestic production

During Rabi 2018-19 (October–March), the domestic industry produced about 3855 thousand product tonnes or 1780 thousand nutrient tonnes (3582 thousand product tonnes or 1658 thousand nutrient tonnes in Rabi 2017-18) showing an increase of 7.6 per cent in product terms and of 7.3 per cent in nutrient terms compared with Rabi 2017-18. Nitrogen production was 1532 thousand tonnes (1410 thousand nutrient tonnes of Rabi 2017-18) showing an increase of 8.6 per cent. Phosphate production decreased by 1.4 per cent. Nitrogen occupied 86 per cent share in total domestic production, while phosphate accounted for 13.4 per cent share.

Of the seven fertilizer products produced in the country, the share of urea in the total production in Rabi 2018-19 was 75.8 per cent (73.9 per cent in Rabi 2017-18) followed by DAP 9.1 per cent (10.6 per cent during Rabi 2017-18), CAN 5.9 per cent (7 per cent during Rabi 2017-18), NP 6.6 per cent (6.7 per cent in Rabi 2017-18), , SSP 1.2 per cent (0.9 per cent during Rabi 2017-18) and NPK's of various grades 1.2 per cent (0.9 per cent during Rabi 2017-18). Urea production was 2923 thousand product tonnes during Rabi 2018-19, showing an increase of 10.4 per cent over previous season 2017-18. The production of SSP increased by 46.6 per cent while, that of DAP decreased by 7.0 per cent. The production of NP increased by 5.6 per cent. Tonnage-wise, the domestic industry produced the following quantities in thousand tonnes during Rabi 2018-19: Urea 2923, DAP 352, NP 255, CAN 228, SSP 47 and various grades of NPK's 46 thousand tonnes.

The data are summarized in Table 21. The details may be seen in Annex-19, 22 and consolidated data in Annex-23.

**Table 21. Domestic fertilizer production during Rabi 2017-18 and Rabi 2018-19**

Products	Manufacturer	Rabi 2017-18 Production (‘000 t)	Per cent share	Rabi 2018-19 Production (‘000 t)	Per cent share	Per cent change in Rabi 2018-19 over Rabi 2017-18
<b>PRODUCTS</b>						
UREA	Fatimafert (DHCL)	3	0.1	200	5.2	6026.1
UREA	EFERT	953	26.6	919	23.8	-3.6
UREA(PFL)	PAK ARAB	-	-	-	-	-
UREA(PAFL)	Agritech	-	-	164	4.3	-
UREA (PRILLED)	FFC	782	21.8	786	20.4	0.4
UREA (GRANULAR)	FFBL	262	7.3	198	5.1	-24.3
UREA (PSFL)	FFC	394	11.0	433	11.2	10.0
UREA	Fatima	253	7.1	223	5.8	-11.6
<b>UREA</b>	<b>TOTAL</b>	<b>2,647</b>	<b>73.9</b>	<b>2923</b>	<b>75.8</b>	<b>10.4</b>
SSP (J. WAL 18%)	LCFL	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	32	0.9	35	0.9	9.5
SSP	Suraj Fertilizers	0	0.0	13	0.3	4195
SSP	Safi Chemicals	0.45	0.01	-	-	-
<b>SSP</b>	<b>TOTAL</b>	<b>32</b>	<b>0.9</b>	<b>47</b>	<b>1.2</b>	<b>46.6</b>
NP	PAK ARAB	6	0.2	-	-	-100.0
NP	EFERT	28	0.8	35	0.9	26.4
NP	Fatima	208	5.8	220	5.7	5.7
<b>NP</b>	<b>TOTAL</b>	<b>242</b>	<b>6.7</b>	<b>255</b>	<b>6.6</b>	<b>5.6</b>
CAN	PAK ARAB	5	0.1	0	0.0	-100.0
CAN	Fatima	245	6.8	228	5.9	0.0
<b>CAN</b>	<b>TOTAL</b>	<b>250</b>	<b>7.0</b>	<b>228</b>	<b>5.9</b>	<b>-8.9</b>
SONA-DAP	FFC	379	10.6	352	9.1	-7.0
SOP	Pacific Exim Pvt Ltd.	-	-	3	0.1	-
NPK (Various Grades)	EFERT	32	0.9	46	1.2	42.8
NPK (Various Grades)	Safi Chemicals	1	0.02	-	-	-
<b>ALL PRODUCTS</b>	<b>TOTAL</b>	<b>3,582</b>	<b>100</b>	<b>3,855</b>	<b>100.0</b>	<b>7.6</b>
<b>NUTRIENTS</b>						
	Nitrogen	1410	85.1	1532	86.0	8.6
	Phosphate	242	14.6	239	13.4	-1.4
	Potash	6	0.3	10	0.6	70.6
	Total	1658	100	1780	100	7.3

Note : Detailed data may be seen in Annex-19.

## 8.2 Fertilizer imports during Rabi 2018-19

Fertilizer imports during Rabi 2018-19 were about 900 thousand tonnes which represented increase of 1.5 per cent compared with Rabi 2017-18. In nutrient terms, 531 thousand nutrient tonnes were imported which was 5 per cent less than that of previous Rabi season.

Nitrogen and phosphate imports occupied 34.4 and 61.8 per cent share in the total imports, respectively. Volumes of imported fertilizer during Rabi 2018-19 comprised urea 105, DAP 679, MOP 15, SOP 22, NP 14, SSP 9, AS 32 and MAP 23 thousand tonnes. The summarized product-wise and nutrient-wise data are given in Table 22. Month-wise details are presented in Annex-20.

**Table 22. Fertilizer imports during Rabi 2017-18 and 2018-19**

('000 tonnes)

Products	Rabi 2017-18		Rabi 2018-19		Per cent change in Rabi 2018-19 Over Rabi 2017-18
	Imports ('000t)	Per cent share	Imports ('000t)	Per cent share	
<b>PRODUCTS</b>					
Urea	0	-	105	12	12
DAP	839	94.6	679	76	-19
SSP	8	1.0	9	1.0	2
SOP	22	2.4	22	2.5	3
MOP	13	1.5	15	1.70	13
NP	-	-	14	1.6	-
AS	4	0.5	32	3.6	688
MAP	-	-	23	2.5	-
<b>All Products</b>	<b>886</b>	<b>100</b>	<b>900</b>	<b>100</b>	<b>1.5</b>
<b>NUTRIENTS</b>					
Nitrogen	152	27.2	183	34.4	20
Phosphate	387	69.4	328	61.8	-15
Potash	19	3.4	20	3.8	8
<b>Total</b>	<b>558</b>	<b>100</b>	<b>531</b>	<b>100</b>	<b>-5</b>

Note: Quantities less than one thousand tonnes are not reported in this Table.

## 9. FERTILIZER OFFTAKE/CONSUMPTION DURING RABI 2018-19

### 9.1 Fertilizer offtake/use by nutrients

Rabi 2018-19 showed a decrease of 7.4 per cent in terms of nutrient offtake over last Rabi 2017-18 (Table 23). Total offtake was 2357 thousand nutrient tonnes. Nitrogen offtake showed a decrease by 3.1 per cent (1.4 per cent decrease during Rabi 2017-18), phosphate decreased by 17.7 per cent (13.2 per cent decrease during Rabi 2017-18), and potash offtake decreased by 10.7 per cent (20.8 per cent increase in Rabi 2017-18). Nitrogen claimed 73.3 per cent share in total nutrient offtake (70 per cent during Rabi 2017-18). Phosphate offtake captured 25.6 per cent share (28.9 per cent during Rabi 2017-18), while potash share remained 1.1 per cent during Rabi 2018-19.

The summarized data are presented in Table 23, 25 and Annex-21 and the monthly nutrient offtake of Rabi 2018-19 compared with the last four seasons are given in Annex-3.

**Table 23. Fertilizer offtake (nutrient) during Rabi 2018-19 compared with previous seasons**

('000 tonnes)

Nutrient	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Nitrogen	1,729	1,722	1,527	1,807	1,781	1,727
Phosphate	569	600	774	847	735	604
Potash	12.0	17.2	13.9	24.0	29.0	25.8
<b>Total</b>	<b>2,310</b>	<b>2,339</b>	<b>2,315</b>	<b>2,678</b>	<b>2,545</b>	<b>2,357</b>
<b>N:P Ratio</b>	<b>3.04</b>	<b>2.87</b>	<b>1.97</b>	<b>2.13</b>	<b>2.42</b>	<b>2.86</b>
(% Change)						
Nitrogen		-0.4	-11.3	18.4	-1.4	-3.1
Phosphate		5.5	29.1	9.3	-13.2	-17.7
Potash		42.9	-19.2	72.3	20.8	-10.7
<b>Total</b>		<b>1.3</b>	<b>-1.0</b>	<b>15.7</b>	<b>-5.0</b>	<b>-7.4</b>

### 9.2 Province-wise nutrient offtake during Rabi 2018-19

At national level nutrient offtake during Rabi 2018-19 decreased by 7.4 per cent. Decrease of 9.1, 3.0, 5.4 and 0.7 per cent over Rabi 2017-18 were witnessed in Punjab, Sindh, KP and Balochistan respectively.

Nutrient-wise, nitrogen offtake during Rabi 2018-19 witnessed a decrease of 3.1 per cent at national level. The decrease in nitrogen offtake was 4.0 per cent in Punjab, 1.1 per cent Sindh and 3.3 per cent in Balochistan while increase of 3.3 per cent was observed in KP.

Phosphate offtake during Rabi 2018-19 decreased by 17.7 per cent at national level. Decreases of 20.6, 8.5, and 27.6 per cent were observed in Punjab, Sindh and KP, respectively. Phosphate offtake increased by 7.4 per cent in Balochistan.

Potash offtake also witnessed a decrease of 10.7 per cent over 2017-18 at national level. A decrease of 17.9 per cent in Punjab and 6.6 per cent Balochistan while increase of 7.7 per cent in Sindh and 26.1 per cent in KP was recorded during Rabi 2018-19 over Rabi 2017-18.

The share of Punjab in overall nutrient offtake on five year average basis was 70.6 per cent, followed by Sindh 22.6 per cent, KP 4.2 per cent and Balochistan 2.5 per cent. Aggregated data comparing the last four seasons are reflected in Table 24 and the detailed month, province and nutrient-wise data for Rabi 2018-19 compared with the last 5 seasons are presented in Annex-4.

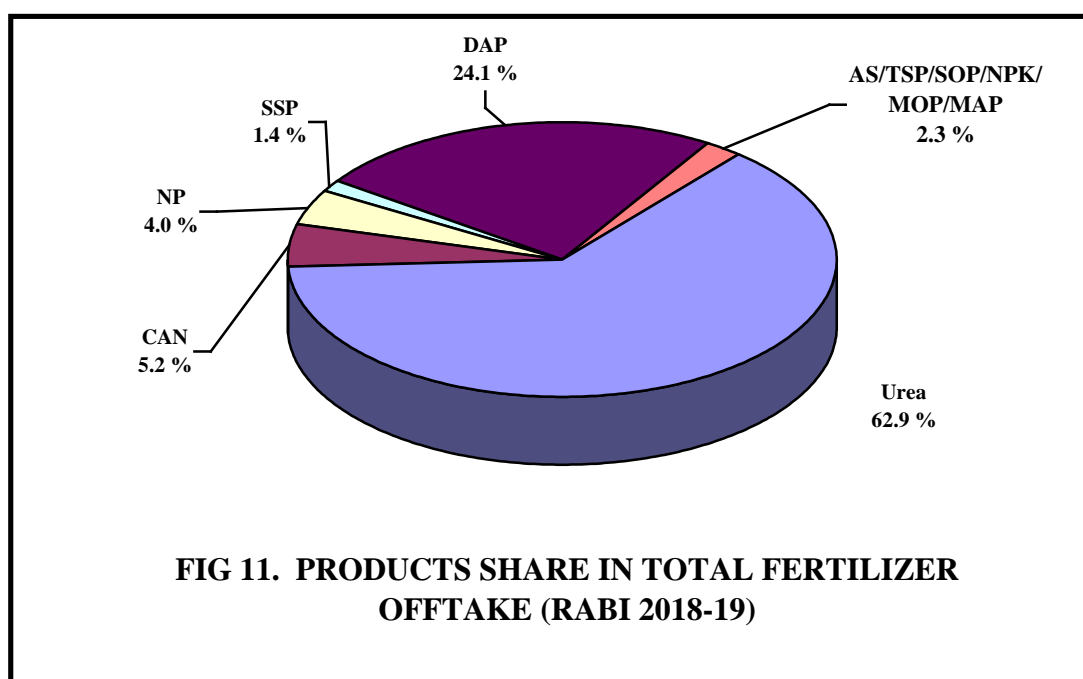
**Table 24. Province-wise nutrient offtake during Rabi 2018-19 compared with previous seasons**

Province	Rabi 2014-15	Rabi 2015-16	Rabi 2016-17	Rabi 2017-18	Rabi 2018-19	Percent change in Rabi 2018-19 over Rabi 2017-18	Provincial share (Average 5 years) Percent
('000 tonnes)							
<b>Total</b>							
Punjab	1,654	1,623	1,909	1,810	1,645	-9.1	70.6
Sindh	501	563	587	565	548	-3.0	22.6
KP	118	94	113	99	94	-5.4	4.2
Balochistan	66	34	70	71	70	-0.7	2.5
AJK/FATA	-	-	-	0.3	0.3	-3.0	0.00
<b>Total</b>	<b>2,339</b>	<b>2,315</b>	<b>2,678</b>	<b>2,545</b>	<b>2,357</b>	<b>-7.4</b>	<b>100</b>
Per cent change over previous year		-1.0	15.7	-5.0	-7.4		
<b>Nitrogen</b>							
Punjab	1,192	1,040	1,258	1,250	1,200	-4.0	69.4
Sindh	391	398	420	411	406	-1.1	23.7
KP	86	66	78	68	71	3.3	4.3
Balochistan	52	22	52	52	51	-3.3	2.7
AJK/FATA	-	-	-	0.2	0.2	-10.5	0.0
<b>Total</b>	<b>1,722</b>	<b>1,527</b>	<b>1,807</b>	<b>1,781</b>	<b>1,727</b>	<b>-3.1</b>	<b>100</b>
Per cent change over previous year		-11.3	18.4	-1.4	-3.1		
<b>Phosphate</b>							
Punjab	449	575	633	538	427	-20.6	73.7
Sindh	107	161	163	150	137	-8.5	20.2
KP	31	27	33	29	21	-27.6	4.0
Balochistan	13	11	17	18	19	7.4	2.2
AJK/FATA	-	-	-	0.1	0.1	10.3	0.0
<b>Total</b>	<b>600</b>	<b>774</b>	<b>847</b>	<b>735</b>	<b>604</b>	<b>-17.7</b>	<b>100</b>
Per cent change over previous year		29.1	9.3	-13.2	-17.7		
<b>Potash</b>							
Punjab	12.2	8.8	17.6	22	18	-17.9	70.9
Sindh	3.3	3.5	4.0	4	5	7.7	18.3
KP	1.2	0.9	1.6	2	2	26.1	7.2
Balochistan	0.6	0.6	0.8	1.0	0.9	-6.6	3.6
AJK/FATA	-	-	-	-	-	-	-
<b>Total</b>	<b>17.2</b>	<b>13.9</b>	<b>24.0</b>	<b>29.0</b>	<b>25.9</b>	<b>-10.7</b>	<b>100</b>
Per cent change over previous year		-19.2	72.3	20.8	-10.7		

### 9.3 Fertilizer offtake/use by product during Rabi 2017-18 and 2018-19

A total of 4821 thousand product tonnes were consumed during Rabi 2018-19, which represented a decrease of 6.8 per cent over last Rabi season. The offtake of domestic products decreased by 11.3 per cent, while that of imported fertilizers increased by 13.4 per cent as compared to Rabi 2017-18.

Among various products, urea accounted for 62.9 per cent share in total fertilizer offtake, followed by DAP with 24.1 per cent (Figure 11). The shares of CAN, SSP and NP were 5.2, 1.4, and 4.0 per cent, respectively. The cumulative share of remaining products was 2.3 per cent. The share of domestic products in total fertilizer offtake was 78.1 per cent (82 per cent during Rabi 2017-18), while that of imported fertilizer 21.9 per cent (18 per cent during Rabi 2017-18).



The consolidated product-wise fertilizer offtake during Rabi 2017-18 and Rabi 2018-19 is presented in Table 25. Detailed month-wise and product-wise offtake is given in Annex-10, 21 and consolidated in Annex-23.

**Table 25. Product-wise fertilizer offtake during Rabi 2017-18 and Rabi 2018-19**

('000 tonnes)

Products	Rabi 2017-18	Per cent Share	Rabi 2018-19	Per cent Share	Per cent change in Rabi 2018-19 over Rabi 2017-18
Urea domestic	2927	56.6	2928	60.7	0.0
Urea imported	17	0.3	105	2.2	507.5
<b>Total Urea</b>	<b>2,944</b>	<b>56.9</b>	<b>3033</b>	<b>62.9</b>	<b>3.0</b>
CAN domestic	372	7.2	249	5.2	-33.0
NP domestic	312	6.0	186	3.9	-40.5
NP Imported	-	-	10	0	0.0
<b>Total NP</b>	<b>312</b>	<b>6.0</b>	<b>195</b>	<b>4.0</b>	<b>-37.4</b>
SSP domestic	53	1.0	56	1.2	5.3
SSP Imported	7	0.1	9	0.2	-
<b>Total SSP</b>	<b>60</b>	<b>1.2</b>	<b>65</b>	<b>1.4</b>	<b>8.9</b>
DAP domestic	547	10.6	305	6.3	-44.2
DAP Imported	857	16.6	858	17.8	0.2
<b>Total DAP</b>	<b>1,404</b>	<b>27.1</b>	<b>1164</b>	<b>24.1</b>	<b>-17.1</b>
TSP Imported	0	-	0	0.0	-
SOP Imported	26	0.5	21	0.4	-19.6
NPK's domestic	31	0.6	40	0.8	28.5
MOP Imported	18	0.3	14	0.3	-21.5
MAP Imported	-	-	8.50	0.18	0.0
AS Imported	8	0.15	32	0.65	304.4
<b>Grand Total</b>	<b>5,175</b>	<b>100.0</b>	<b>4821</b>	<b>100.0</b>	<b>-6.8</b>
<b>Total domestic</b>	<b>4,243</b>	<b>82.0</b>	<b>3764</b>	<b>78.1</b>	<b>-11.3</b>
<b>Total Imported</b>	<b>932</b>	<b>18.0</b>	<b>1057</b>	<b>21.9</b>	<b>13.4</b>
<b>A. DOMESTIC PRODUCTS</b>					
Nitrogen	1617	63.5	1514	64.2	-6.4
Phosphate	340	13.4	201	8.5	-40.8
Potash	6	0.2	7	0.3	30.3
<b>Total</b>	<b>1,963</b>	<b>77.1</b>	<b>1723</b>	<b>73.1</b>	<b>-12.2</b>
<b>B. IMPORTED PRODUCTS</b>					
Nitrogen	164	6.4	213	9.0	29.7
Phosphate	395	15.5	403	17.1	2.0
Potash	23	0.9	19	0.8	-20.4
<b>Total</b>	<b>583</b>	<b>22.9</b>	<b>634</b>	<b>26.9</b>	<b>8.9</b>
<b>Grand Total (A+B)</b>	<b>2,545</b>	<b>100.0</b>	<b>2,357</b>	<b>100.0</b>	<b>-7.4</b>
<b>C. TOTAL PRODUCTS</b>					
Nitrogen	1,781	70.0	1,727	73.3	-3.1
Phosphate	735	28.9	604	25.6	-17.7
Potash	29	1.1	25.9	1.1	-10.7
<b>Total</b>	<b>2,545</b>	<b>100.0</b>	<b>2,357</b>	<b>100.0</b>	<b>-7.4</b>

**9.4 Province-wise urea and DAP offtake/consumption during Rabi 2018-19**

Urea offtake during Rabi 2018-19 increased by 3.0 per cent over Rabi 2017-18 at national level. Increases by 3.3, 2.1 and 9.6 per cent were registered in Punjab, Sindh and KP provinces, respectively while decrease of 5.1 per cent was observed in Balochistan.

At national level, DAP offtake witnessed a decrease of 17.1 per cent during Rabi 2018-19 as compared to same time frame of Rabi 2017-18. A decrease of 20.2, 6.6 and 28.5 per cent was observed in Punjab, Sindh and KP respectively, whereas increase of 8.8 per cent in Balochistan was recorded.

On five years data average basis, the share of Punjab in urea offtake was 67.8 per cent, Sindh 24.6, KP 4.6 and Balochistan 2.9 per cent. As regards DAP offtake on provincial basis, Punjab's share was 74.2 per cent, Sindh 19.9, KP 3.7 and Balochistan 2.1 per cent. It may be pointed out that the provincial shares remained more or less the same for both products.

Province-wise summary in respect of urea and DAP during Rabi 2018-19 compared with the last four seasons is presented in Table 26. Detailed province-wise urea and DAP offtake comparison of Rabi 2018-19 with last five seasons is given in Annexure-6 whereas province-wise offtake of all products for the year 2017-18 and 2018-19 is given at Annex-7.

**Table 26. Province-wise urea and DAP offtake during Rabi 2018-19 compared with previous seasons**

('000 tonnes)							
Province	Rabi 2014-15	Rabi 2015-16	Rabi 2016-17	Rabi 2017-18	Rabi 2018-19	Percent change in Rabi 2018-19 over Rabi 2017-18	Provincial share (Average 5 years) Per cent
<b>Urea</b>							
Punjab	2064	1592	1958	2024	2091	3.3	67.8
Sindh	720	688	705	704	719	2.1	24.6
KP	158	118	137	121	132	9.6	4.6
Balochistan	102	37	92	96	91	-5.1	2.9
AJK/FATA	-	-	-	0.2	0.1	-	0.00
Total	3,044	2,435	2,892	2,944	3,033	3.0	100.0
Per cent change over previous year		-20.0	18.8	1.8	3.0		
<b>DAP</b>							
Punjab	857	1074	1220	1039	829	-20.2	74.2
Sindh	201	303	301	279	261	-6.6	19.9
KP	56	48	57	53	38	-28.5	3.7
Balochistan	25	21	29	33	36	8.8	2.1
Total	1,137	1,447	1,608	1,404	1,164	-17.1	100.0
Per cent change over previous year		27.2	11.1	-12.7	-17.1		

## 10. SUPPLY/DEMAND SITUATION DURING RABI 2018-19

### 10.1 Nutrient-wise supply/demand situation

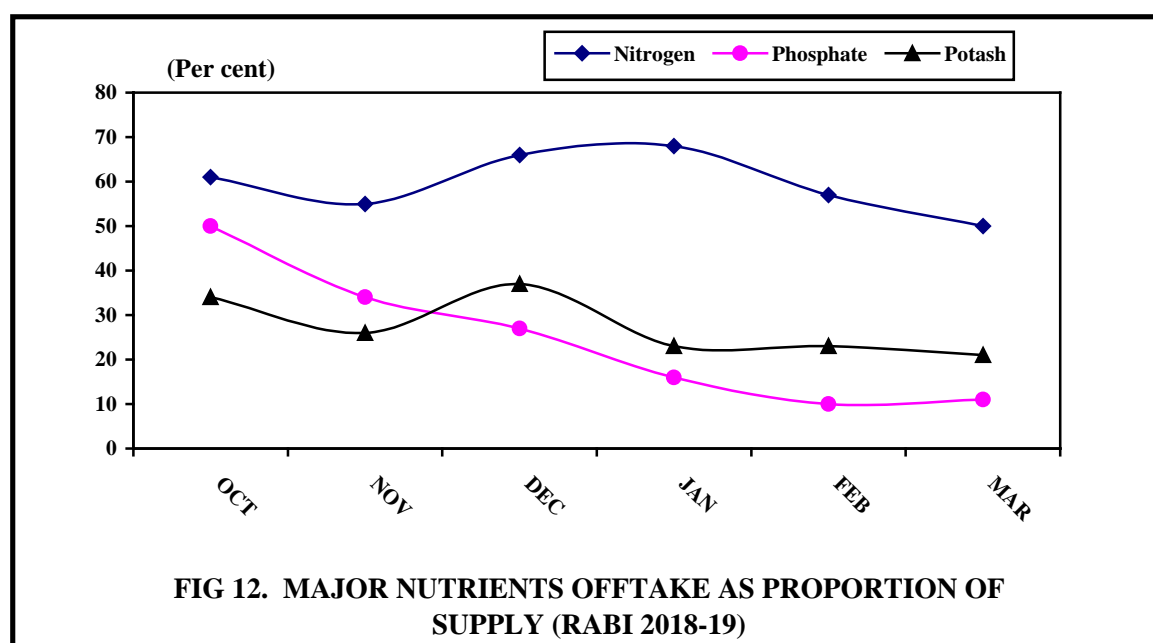
Rabi 2018-19 started with an opening inventory of about 587 thousand nutrient tonnes. Domestic production was about 1780 thousand nutrient tonnes. Imports were 531 thousand

nutrient tonnes. Total availability was therefore, 2898 thousand nutrient tonnes (Table 27). Total nutrient offtake during Rabi 2018-19 was about 2357 thousand nutrient tonnes. The closing stock was 544 thousand tonnes. Figure 12 presents major nutrients offtake as proportion of supply during Rabi 2018-19. It may be seen that nutrient-wise offtake as proportion of supply did not exceed 80 per cent mark during Rabi 2018-19, which is a sign of comfortable situation (Table 28).

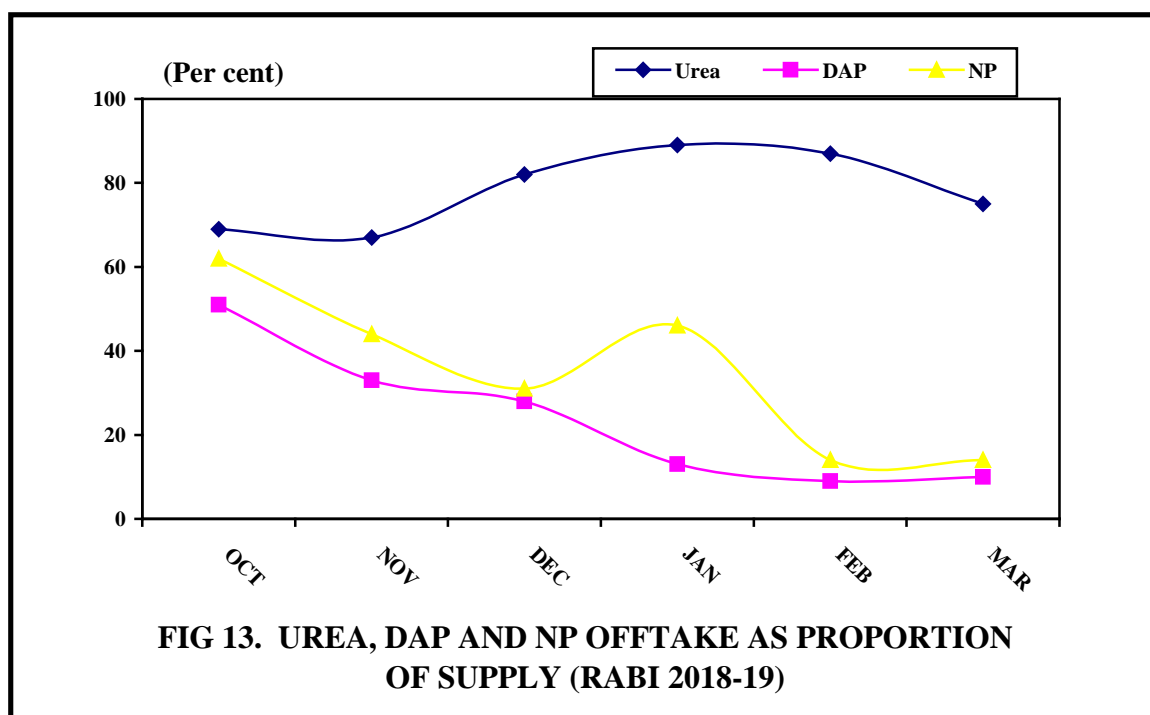
**Table 27. Fertilizer supply/demand situation during Rabi 2018-19**

(000 tonnes)							
Description	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos
Opening Balance	211	363	13	587	115	732	36
	(535)	(220)	(18)	(774)	(796)	(382)	(100)
Domestic production	1,532	239	10	1,780	2923	352	255
	(1,410)	(242)	(6)	(1658)	(2647)	(379)	(242)
Imports	183	328	20	531	105	679	14
	(152)	(387)	(19)	(558)	-	(839)	-
Total Availability	1,925	930	43	2,898	3,144	1,764	305
	(2,098)	(849)	(43)	(2,990)	(3,443)	(1,599)	(342)
Offtake	1,727	604	26	2,357	3033	1164	195
	(1,781)	(735)	(29)	(2545)	(2944)	(1404)	(312)
Exports	-	-	-	0	0	-	-
	(84)	-	-	(84)	(183)	-	-
Adjustment (+)(-)	8.5	-6	0.1	3	25	2	-2
	(1)	(3)	(-0.1)	(4)	(-0.04)	(1)	-
National Inventory	207	320	17	544	135	602	107
	(233)	(118)	(14)	(365)	(316)	(196)	(30)

Note: Figures in parenthesis are for Rabi 2017-18. Quantities less than one thousand are not given in this Table.  
Small variations may be due to rounding of figures.



**FIG 12. MAJOR NUTRIENTS OFFTAKE AS PROPORTION OF SUPPLY (RABI 2018-19)**



The data are summarized in Table 27. The month-wise nutrient supply/demand situation during Rabi 2018-19 may be seen in Annex-8. Consolidated nutrient-wise supply/demand situation may be seen at Annex-22 and month-wise availability and offtake as proportion of availability is reflected in Table 28.

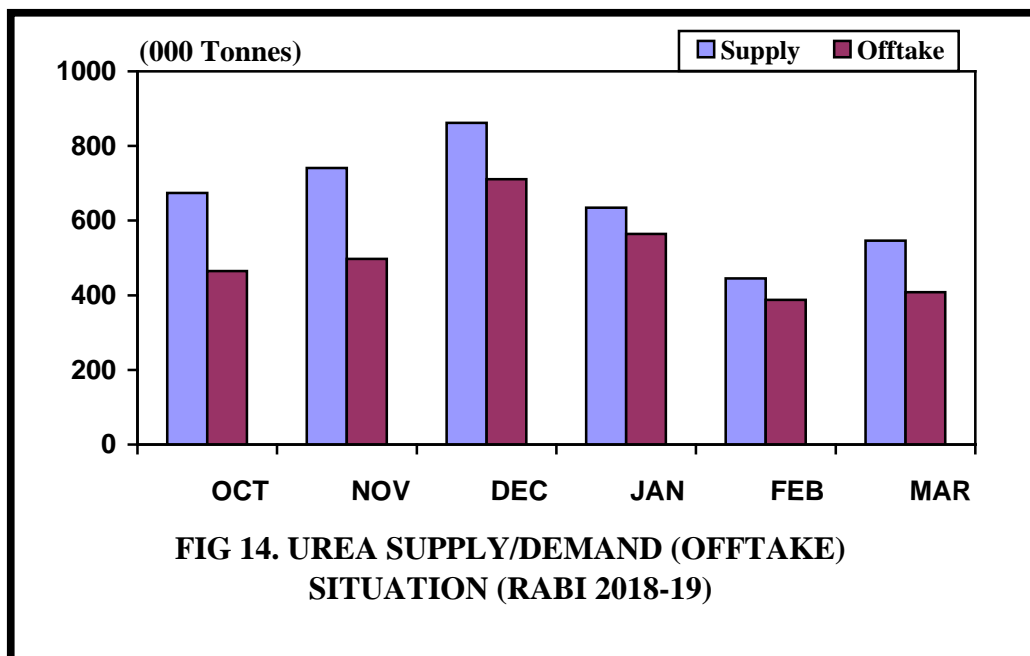
**Table 28. Total supply and offtake of fertilizer nutrients during Rabi 2018-19**

Months	Total availability ('000 tonnes)			Offtake ('000 tonnes)			Offtake as proportion of availability (per cent)		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
Oct-18	544	514	19	330	258	6	61	50	34
Nov-18	530	397	14	291	134	4	55	34	26
Dec-18	574	348	11	381	95	4	66	27	37
Jan-19	456	309	13	308	50	3	68	16	23
Feb-19	357	306	16	205	29	4	57	10	23
Mar-19	420	358	22	212	38	5	50	11	21

### 10.2 Urea supply/demand situation during Rabi 2018-19

Rabi 2018-19 opened with a balance of about 115 thousand tonnes of urea. Domestic production was about 2923 thousand tonnes, thereby making a total availability of 3144 thousand tonnes (Table 27). Urea offtake during Rabi 2018-19 was about 3033 thousand tonnes, which showed increase of 3.0 per cent compared with Rabi 2017-18. Urea offtake as proportion of supply was above 80 per cent mark during December, January and February (Figure 13). The closing stock was 135 thousand tonnes, at the end of March 2019 (Table 27 and 29). Supply vs. offtake is shown in Figure 14.

Urea offtake during Rabi 2018-19 compared with last seasons is shown in Annex-6. Month-wise and consolidated supply/demand situation during Rabi 2018-19 is presented in Annex-10 and the consolidated Rabi 2018-19 situations in Annex-23.

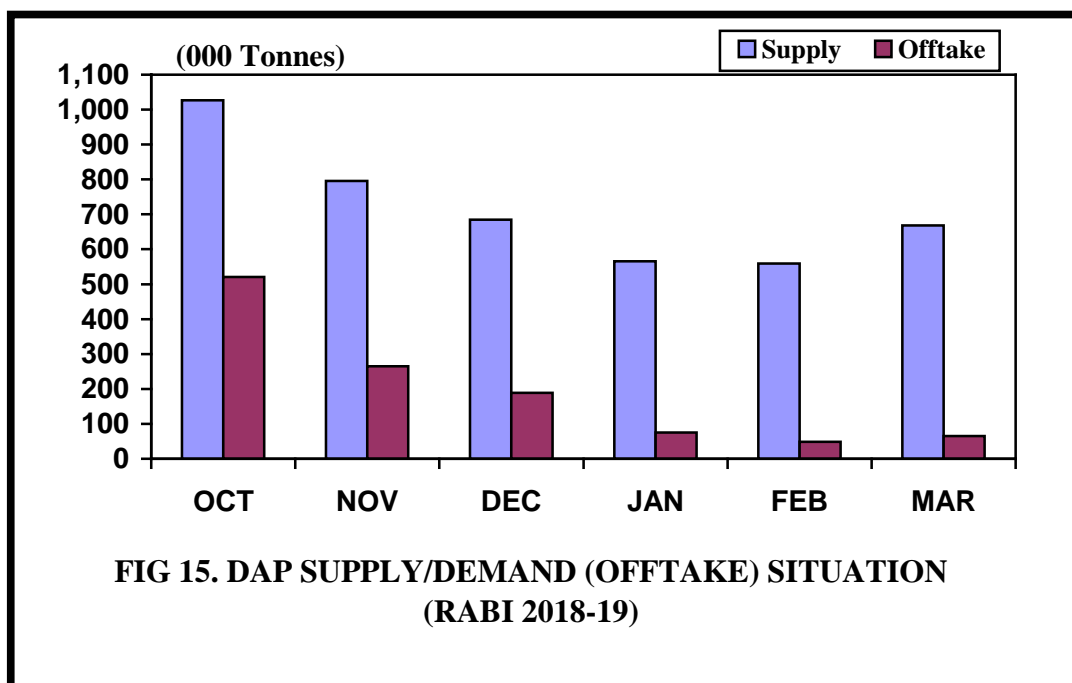


### 10.3 DAP supply/demand situation during Rabi 2018-19

Rabi 2018-19 started with an opening inventory of 732 thousand tonnes of DAP. Total availability, based on opening stock, domestic production (352) and imports (679), was 1764 thousand tonnes (Table 27).

Total DAP offtake was about 1164 thousand tonnes, which decreased by 17.1 per cent compared with last Rabi. The closing stock worked out as 602 thousand tonnes by the end of March 2019 (Annex-23).

Month-wise DAP availability, its offtake and offtake as proportion of supply are shown in Table 29. Month-wise and consolidated supply/demand situation in respect of DAP and all other products is presented in Annex 10 and Annex 23. Supply vs offtake is shown in Figure 15.



#### 10.4 Nitrophos supply/demand situation during Rabi 2018-19

Rabi 2018-19 started with an opening stock of 36 thousand tonnes. Total availability based on opening stock, domestic production of 255 thousand tonnes imported supplies of 14 thousand tonnes was 305 thousand tonnes (342 thousand tonnes during Rabi 2017-18). Total nitrophos offtake during the season was 195 thousand tonnes (312 thousand tonnes during 2017-18) leaving a closing stock of 107 thousand tonnes.

The summarized data are shown in Table 27. Month-wise NP supply/demand situation is given in Annex-10. Consolidated NP supply/demand situation is in Annex-23. Month-wise availability of the three major fertilizer products and their offtake and offtake as proportion of supply may be seen in Table 29.

**Table 29. Total supply and offtake of principal products during Rabi 2018-19**

Months	Total availability ('000 tonnes)			Offtake ('000 tonnes)			Offtake as proportion of availability (per cent)		
	UREA	DAP	NP	UREA	DAP	NP	UREA	DAP	NP
Oct-18	674	1,027	76	465	521	47	69	51	62
Nov-18	741	796	72	497	265	31	67	33	44
Dec-18	862	685	96	711	189	30	82	28	31
Jan-19	635	566	117	564	75	54	89	13	46
Feb-19	445	559	114	388	49	16	87	9	14
Mar-19	546	668	124	408	65	17	75	10	14

### 11. FERTILIZER PRICES

#### 11.1 Domestic retail prices during Kharif 2018

Fertilizer market is deregulated and prices vary from place to place. Generally prices are higher in north of the country than south due to transport charges. Table 30 presents the average fertilizer market prices collected from 12 cities of the country during 2018-19. The average market prices of most of the products increased during Kharif 2018. Prices of urea (sona) and urea (other) witnessed an increase of 16.1 and 16.2 per cent, respectively. Prices of DAP and NP witnessed increasing trend during entire season. Price of DAP increased by 9.2 per cent while that of NP increased by 11.4 per cent. Prices of CAN increased significantly by 17.9 per cent and SSP (G) by 5.3 per cent while that of SOP decreased by 2.9 per cent.

#### 11.2 Domestic retail prices during Rabi 2018-19

Prices of all fertilizer products increased during Rabi 2018-19. Average prices of sona urea and other brands increased by 5.6 and 5.4 per cent, respectively. The average prices of DAP and NP also increased by 0.4 and 2.4 per cent, respectively. Average prices of CAN and SOP increased by 6.3 and 17.4 per cent respectively during Rabi 2018-19.

**Table 30. Average Fertilizer Retail Prices from April 2018 to June 2019**

(Rs. Per 50 Kg bag)

Month	Urea Sona	Urea Other	DAP	NP	CAN	SOP	TSP	SSP (P)	SSP (G)	NPK
<b>Kharif 2018</b>										
Apr-18	1420	1389	3140	2448	1244	3718	-	-	919	2675
May-18	1471	1423	3219	2533	1275	3601	-	-	927	2698
Jun-18	1583	1480	3238	2564	1315	3629	-	-	940	2713
Jul-18	1617	1566	3276	2582	1396	3646	-	-	957	2707
Aug-18	1656	1613	3382	2706	1432	3643	-	-	967	2759
Sep-18	1649	1614	3428	2726	1467	3611	-	-	968	2760
Kharif Avg Price	1566	1514	3281	2593	1355	3641	-	-	946	2719
% change in Sep,18 over Apr, 18	16.1	16.2	9.2	11.4	17.9	-2.9	-	-	5.3	3.2
<b>Rabi 2018-19</b>										
Oct-18	1706	1673	3520	2813	1519	3650	-	-	969	2785
Nov-18	1758	1741	3581	2879	1570	3680	-	-	1022	2834
Dec-18	1793	1769	3670	2929	1606	3670	-	-	1022	2876
Jan-19	1819	1780	3582	2948	1646	4061			1023	2912
Feb-19	1819	1786	3569	2936	1630	4235			1017	2909
Mar-19	1801	1764	3535	2881	1615	4285			1016	2913
Rabi Avg Price	1783	1752	3576	2898	1598	3930	-	-	1012	2872
% change in Mar,19 over Oct, 18	5.6	5.4	0.4	2.4	6.3	17.4	-	-	4.9	4.6
Apr-19	1819	1786	3569	2936	1630	4235	-	-	1017	2909
May-19	1835	1800	3549	2812	1650	4305	-	-	1018	2957
Jun-19	1869	1838	3554	2803	1696	4318	-	-	1030	2965
Average July,2018 to June, 19	1762	1728	3518	2829	1571	3945	-	-	1002	2857
% change in Jun,19 over July,18	15.6	17.4	8.5	8.6	21.5	18.4	-	-	7.6	9.5

Source:

1. Pakistan Bureau of Statistics, Islamabad

2. Records of National Fertilizer development Centre, M/O National Food Security and Research, Islamabad

### 11.3 Domestic prices during 2018-19

Prices of all the fertilizers were increased significantly during fiscal year 2018-19. The average price of urea (other) increased by 17.4 per cent, while that of urea sona increased by 15.6 per cent. The prices of DAP, NP, SOP, SSP, NPK and CAN increased by 8.5, 8.6, 18.4, 7.6, 9.5 and 21.5 per cent, respectively.

### 11.4 International prices

The average fertilizer prices of urea, DAP and TSP prevalent in international markets during Kharif 2018, Rabi 2018-19 and FY 2018-19 are given in Table 31.

**Table 31. Average International Fertilizer Prices during 2018-19**

(FOB Prices US \$/tonne)

Seasons/Month/Year	Urea Middle East	Urea China	DAP Australia	DAP China	TSP Tunisia
<b>Kharif 2018</b>					
Apr-18	252.5	300.6	410.0	409.8	298.1
May-18	243.3	307.5	408.0	412.9	313.8
Jun-18	268.1	307.5	398.0	415.5	325.1
Jul-18	278.8	294.8	412.5	418.3	334.8
Aug-18	290.0	281.3	420.0	416.6	343.8
Sep-18	307.5	306.6	422.5	415.4	360.6
Kharif Avg Price	273.4	299.7	411.8	414.7	329.4
% change in Sep,18 over Apr, 18	21.8	2.0	3.0	1.4	21.0
<b>Rabi 2018-19</b>					
Oct-18	338.1	333.8	422.5	412.1	362.5
Nov-18	327.5	321.9	407.5	408.0	362.5
Dec-18	290.0	291.7	411.0	404.3	362.5
Jan-19	290.6	284.9	411.0	397.0	361.3
Feb-19	261.1	282.0	411.0	390.9	360.0
Mar-19	248.8	288.8	411.0	385.6	360.0
Rabi Avg Price	292.7	300.5	412.3	399.7	361.5
% change in Mar,19 over Oct, 18 <i>Fiscal year 2018-19</i>	-26.4	-13.5	-2.7	-6.4	-0.7
Apr-19	258.1	293.8	411.0	376.5	351.3
May-19	275.0	296.3	372.5	365.9	322.5
Jun-19	287.5	286.6	366.0	343.4	313.8
Average July,2018 to June,19 % change in Jun,19 over July,18	287.8 3.1	296.9 -2.8	406.5 -11.3	394.5 -17.9	349.6 -6.3

Source: The Argus

**11.4.1 Kharif 2018**

Urea prices in international market during Kharif 2018 increased by 21.8 per cent in Middle East and by 2.0 per cent in China market. DAP prices in international market increased by 3.0 per cent in Australia while by 1.4 per cent in China market.

**11.4.2 Rabi 2018-19**

During Rabi 2018-19, average monthly urea prices in Middle East market ranged between US \$ 248.8 to 338.1/t fob while in China market ranged between US \$ 282 to 333.8 fob/t. Urea prices in Middle East decreased by 26.4 per cent while in China market, it decreased by 13.5

per cent. DAP prices in Australia decreased by 2.7 per cent. Prices of DAP in China decreased by 6.4 per cent. The price of TSP, in Tunisia slightly decreased by 0.7 per cent during Rabi 2018-19.

### **11.4.3 Fiscal year 2018-19**

During 2018-19, urea fob prices fluctuated between US \$ 248.8 to 338.1/t in Middle East and US\$ 281.3 to 333.8/t in China market. DAP prices witnessed a decrease of 11.3 per cent in Australia and quoted prices for DAP decreased from US \$ 412.5 in July 2018 to US \$ 366.0/t fob in June 2019. DAP price in China market decreased by 17.9 per cent.

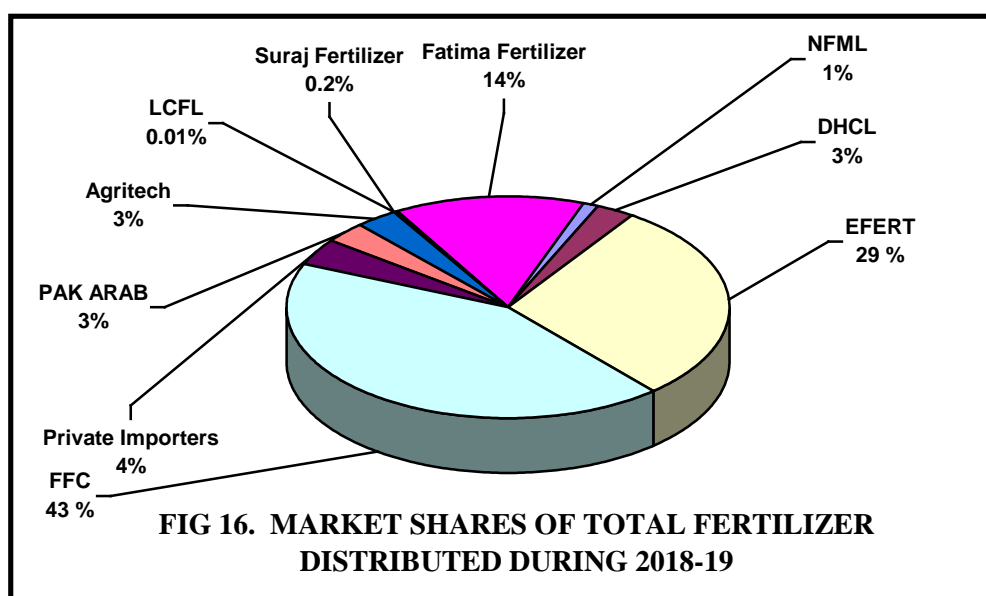
## **12. MARKET SHARES OF FERTILIZER DISTRIBUTING AGENCIES**

### **12.1 Marketing agencies in Pakistan**

There are six major private sector producers/distributors having marketing companies operating in the country. Fauji Fertilizer Company (FFC) is the largest urea manufacturing and marketing company. It has a network of about 3481 dealers spread all over the country. Engro Fertilizer Limited (EFERT) is the oldest marketing company and operates in Sindh, Balochistan and Punjab. Its NPK products have extended to KP. With the purchase of Pak-Arab Fertilizer manufacturing plant, Multan, Fatima Fertilizer Company entered the fertilizer business. It has developed a good marketing network throughout Pakistan. Similarly, Agritech Limited (Azgard-9) has purchased the PAFL plant and SSP plant at Haripur. Suraj Fertilizer Industries has a large plant of SSP at Sahiwal and its marketing activities are confined to Punjab province. Among the only importers/marketing agencies in private sector, Jaffer Brothers Limited (JBL) is the oldest in the field. United Agro Chemicals (Pvt.) Limited, Pacific Exim, Chawla International, Neelum, Premium petroleum and Agven are in the imports business only and sell imported products throughout the country.

### **12.2 Market shares during 2018-19**

During 2018-19, a total quantity of about 9484 thousand tonnes of various products domestically produced as well as imported, were handled by marketing agencies. The private sector manufacturing/marketing agencies (including importers) share was 99 per cent in total fertilizer distribution (98 per cent during 2017-18). FFC, EFERT, Pak-Arab, Agritech Limited and Fatima market share was 43, 29, 3, 3 and 14 per cent, respectively. The share of other private importers was 4 per cent (Figure 16). Public sector agency (NFML) share was 1 per cent (2 per cent during 2017-18) in total fertilizer quantities handled.



Private sector handled about 98 per cent of urea (97 per cent during 2017-18). FFC, EFERT, Fatima, DHCL and Agritech shares in urea marketing were 50, 32, 8, 5 and 4 per cent, respectively.

The shares of FFC, EFERT, Pak-Arab and DHCL in DAP offtake were 48, 28, 9 and 2 per cent, respectively. CAN was moved by Pak Arab (12 per cent) and Fatima Fertilizer Company (88 per cent).

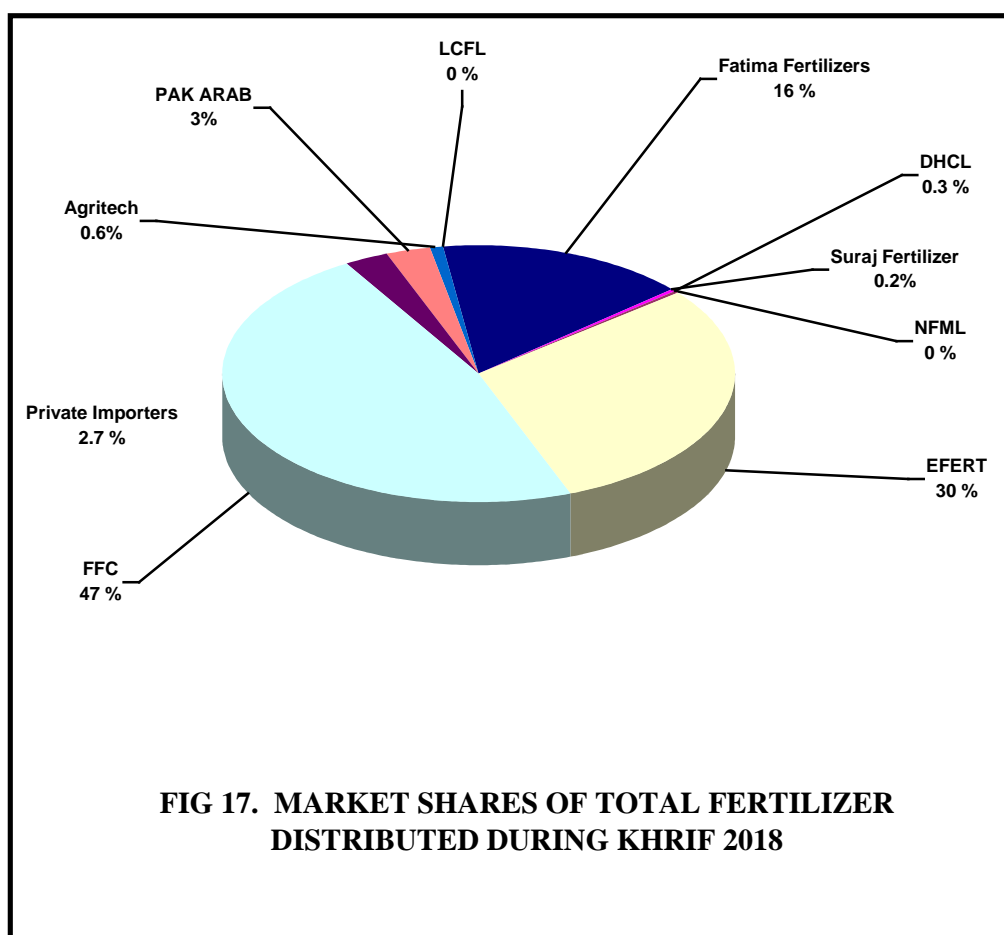
Market shares of the various fertilizer distributing agencies are shown in Table 32 and the detailed product-wise and agency-wise market shares are presented at Annex-24.

**Table 32. Market share of various agencies in fertilizer offtake during 2018-19**

Sector/Agencies	(Percent)											
	Urea	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	Total
NFML	2	-	-	-	-	-	-	-	-	-	-	1
<b>Total Public Sector</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>
FFC	50	-	-	-	48	-	-	39	22	-	-	43
EFERT	32	-	12	22	28	100	-	29	37	100	37	29
DHCL	5	-	-	-	2	-	-	-	-	-	-	3
PAK ARAB	0	12	0.1	-	9	-	-	-	-	-	-	3
Agri Tech (Pvt.) Ltd	4	-	-	57	-	-	-	-	-	-	-	3
Fatima Fertilizer Co Ltd	8	88	85	-	-	-	-	-	-	-	-	14
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	1	-	-	1	0.01
Suraj Fertilizers	-	-	-	20	-	-	-	-	-	-	-	0.2
Safi Chemicals	-	-	-	1	-	-	-	-	-	-	-	0.01
Other Private Importers	-	-	2	-	13	-	-	30	41	-	62	4
<b>Total Private Sector</b>	<b>98</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>99</b>
<b>Grand Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

### 12.3 Market shares during Kharif 2018

During Kharif 2018, a total quantity of about 4462 thousand tonnes of various products of domestically produced as well as imported were handled by the fertilizer marketing agencies. Out of this, private sector agencies marketed almost 100 per cent of total fertilizer volume in product terms. Of this, percentage-wise FFC handled 46.9, EFERT 30.1, Pak Arab 3.2, Agritech Limited 0.6, Fatima 16.1 and private importers 2.7 per cent (Table 33 and Figure 17).



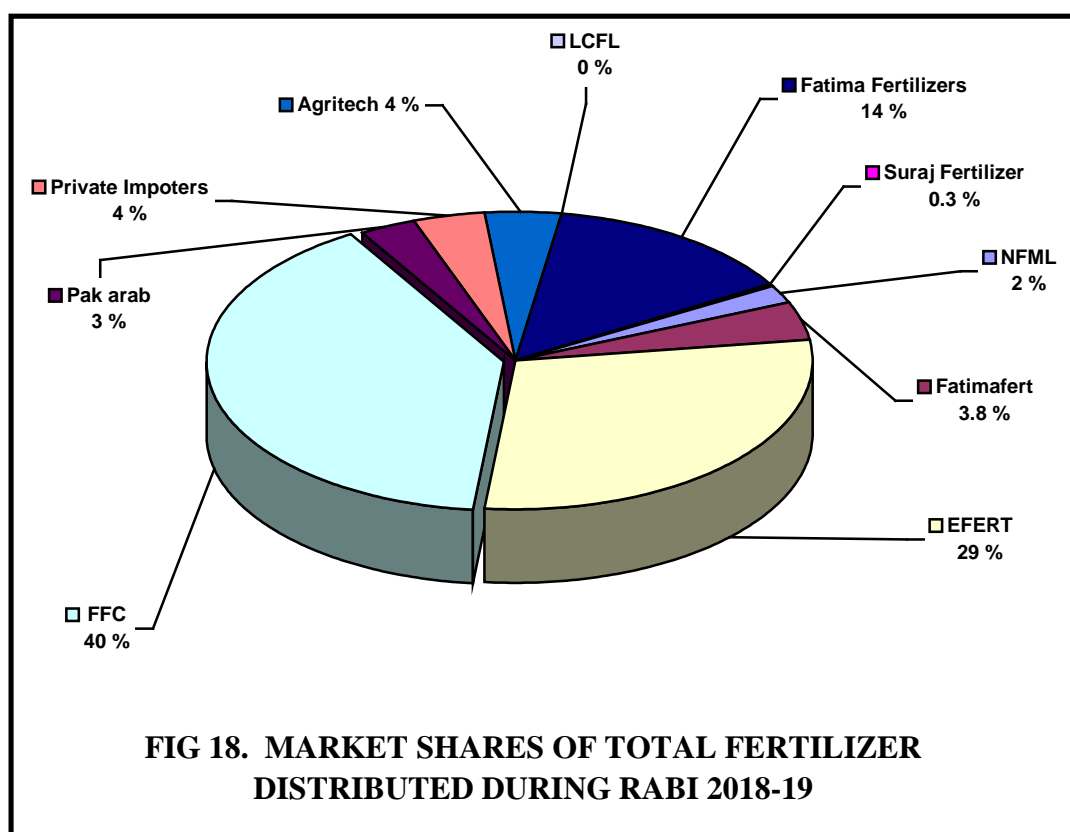
**Table 33. Market share of various agencies in offtake of fertilizer during Kharif 2018**

SECTOR/AGENCIES	(Percent)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Public Sector</b>	-	-	-	-	-	-	-	-	-	-	-	-
EFERT	35	-	11	23	30	100	-	17	27	-	25	30.1
FFC	56	-	-	-	53	-	-	40	22	-	-	46.9
DHCL	-	-	-	-	2	-	-	-	-	-	-	0.3
Agri Tech (Pvt. ) Limited	0	-	-	59	-	-	-	-	-	-	-	0.6
PAK ARAB	0	25	3	-	6	-	-	-	-	-	-	3.2
Fatima Fertilizers	9	75	86	-	-	-	-	-	-	-	-	16.1
Suraj Fertilizer Industries	-	-	-	18	-	-	-	-	-	-	-	0.2
LCFL (AL Hamd Group)	-	-	-	-	-	-	-	1	-	-	-	0.005
Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-
Private Importers	-	-	-	-	11	-	-	42	51	-	75	2.7
	100	100	100	100	100	100	-	100	100	-	100	100
<b>Grand Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>	<b>100</b>

## 12.4 Market shares during Rabi 2018-19

During Rabi 2018-19, a total quantity of about 4821 thousand tonnes of various products were handled by the fertilizer marketing agencies. Out of this, private sector agencies marketed almost about 98 per cent of total fertilizer volume in product tonnes. Of this, percentage-wise FFC handled 40, EFERT 29, Pak-Arab 3, Agritech Limited 4, Fatima 14 and private importers/distributors 4 per cent (Table 34).

Public sector total share was only 2 per cent, which was solely distributed by NFML. Detail agency-wise and product-wise offtake figures are presented in Annex 26 and graphically shown in Figure 18.



**Table 34. Market shares of various agencies in offtake of fertilizer during Rabi 2018-19**

SECTOR/AGENCIES	(Percent)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	3	-	-	-	-	-	-	-	-	-	-	2
<b>Total Public Sector</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>
EFERT	31	-	15	14	31	100	-	39	41	100	31	29
FFC	46	-	-	-	44	-	-	40	20	-	-	40
DHCL	6	-	-	-	1	-	-	-	-	-	-	3.8
Agri Tech (Pvt. ) Ltd	5	-	-	65	-	-	-	-	-	-	-	4
PAK ARAB	0	6	0	-	10	-	-	-	-	-	-	3
Fatima Fertilizers	9	94	80	-	-	-	-	-	-	-	-	14
LCFL (AL Hamd Group)	-	-	-	-	-	-	-	1	-	-	1	0.01
Suraj Fertilizers	-	-	-	20	-	-	-	-	-	-	-	0.3
Safi Chemicals	-	-	-	1	-	-	-	-	-	-	-	0.01
Private Importers	-	-	5	-	15	-	-	20	39	-	68	4
<b>Total Private Sector</b>	<b>97</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>98</b>
<b>Grand Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

The detailed agency-wise product-wise offtake is shown in Annex 26.

## 12.5 Fertilizer dealers network

The data presented in Table 35 show that there are about 14,192 total dealers, out of which 11,548 are appointed by the private sector, while public sector dealers are only 2644.

**Table 35. Fertilizer dealers network**

Sector	Provinces				Total
	Punjab	Sindh	KP	Balochistan	
A. Public	2204	282	102	56	2644
B. Private	8086	2421	691	350	11548
<b>Total</b>	<b>10290</b>	<b>2703</b>	<b>793</b>	<b>406</b>	<b>14192</b>

## 12.6 Fertilizer Warehouses

The marketing companies maintain different types of warehouses, which include plant warehouses, field warehouses and strategic warehouses. The data in Table 36 indicate the private and public sector own/hire warehousing capacity is 1,829 and 184 thousand product tonnes, respectively. This excludes some distributors, who have not supplied the requisite information. Total storage capacity is about 2013 thousand product tonnes.

**Table 36. Fertilizer warehouses capacity**

Sector	000 tons	Per cent Share
A. Public	184	9
B. Private	1829	91
<b>Total</b>	<b>2013</b>	<b>100</b>

## 13. RESEARCH, DEVELOPMENT AND PROMOTIONAL PROGRAMMES

The public sector research institutes carry out soil fertility/plant nutrition research whereas fertilizer marketing agencies undertake product specific development and promotional programmes. National Fertilizer Development Centre (NFDC) approached all of them to supply the details of their activities undertaken by them during the period under report. Information provided is reproduced herewith for the interest of readers.

### 13.1. Directorate General Agriculture (Extension & Agriculture Research) Punjab

#### Promotional Programme/Activities

- i. E-voucher based direct subsidy was provided to the registered farmers of Punjab during 2017-18 on Phosphatic fertilizers such as DAP, NP, SSP and NPK @ Rs. 300, 150, 150 and 300 per 50 kg bag respectively.
- ii. E-voucher based direct subsidy was also provided to the registered farmers of Punjab during 2017-18 on Potash fertilizers such as SOP and MOP @ Rs. 800 and 500 per 50 kg bag.

- iii. Direct E-voucher based subsidy is again being provided during 2018-19 to all the registered farmers in Punjab as per following rate:-

Sr. No.	Category	Subsidy Rate (Rs. per 50 kg Bag)
1	<b>Phosphatic Fertilizers</b>	
	DAP	500
	NP	200
	SSP	200
2	<b>Potash Fertilizers</b>	
	SOP	800
	MOP	500
	NPKs	300

- iv. Gypsum is also being subsidized for farmers of Punjab under the National Productivity Enhancement of Wheat Programme. Under this programme one farmer will be granted subsidy on 2 acres (6 tonnes of gypsum).
- v. Subsidy on Zinc Sulphate is also being granted for rice crop for better yields under the National Productivity Enhancement Programme.
- vi. Wheat sowing drills with fertilizer attachment will be provided to the farmers of Punjab to ensure better performance of fertilizers by placing at proper depth during the seed bed preparation.

### 13.2 Soil Chemistry Section, Institute of Soil Chemistry and Environmental Science, Ayub Agriculture Research Institute Faisalabad

Research Work / Activities during 2018-19

1. Heavy metals in waste water collected from different main drains of Faisalabad.
2. Mapping the physico-chemical characteristics of wastewater irrigated soils from main districts of Punjab using Arc GIS.
3. Identification of crops other than vegetable crops for growing under waste water.
4. Micronutrients and heavy metal status in vegetable growth in tunnels.
5. Assessment of heavy metals in ground water of Faisalabad.
6. Estimation of heavy metals from canal irrigated vs. wastewater irrigated vegetables.
7. Heavy metal determination from phosphate fertilizers available in Punjab.
8. Effect of integrated nutrient management on growth and yield of hybrid maize / wheat.
9. Yield and potassium uptake of maize/wheat using different sources of nitrogen.
10. Response of chickpea yield to micronutrients (Zn, Fe) application along with poultry manure.
11. Micronutrient status of fruit grown in Punjab.
12. Nutrient removal by crops.
13. Assessment of nutrients removal by different weeds under different nutrition scenarios.

14. To study the micronutrients dynamics (Fe and Zn) by using macronutrients along with farm yard manure.
15. Effect of temporal and differential application of nitrogen and potash on growth, yield and quality of maize.
16. Influence of sulphur on the oil quality of sunflower / cotton crop.
17. Survey of soil sulphur (s) contents in oilseed growing areas.
18. Integrated impact of bio and chemical fertilizers on soil health, growth and yield of okra/onion.
19. Effect of green manuring on soil physico-chemical properties under rice-berseem cropping pattern.
20. Long term effect of fertilizer use on soil properties.
21. Direct and residual effect of sulfur fertilization by using integrated approach in alkaline calcareous soils.
22. To study the toxicity and nutritional requirement of selenium (Se) on growth and yield of maize (*Zea mays* L.) – a pot study.
23. Micronutrient status of fruits grown in Punjab.
24. To study the role of Ni as essential plant nutrient in mung bean under alkaline calcareous soils of Pakistan – a pot study.
25. Application of fertilizer through fertigation/chemigation technique to improve the fertilizer use efficiency of maize crop.
26. To study the long-term effect of organic and inorganic fertilizers on biofortification of maize grain with Zn and Fe.
27. To study the role of CEC on nutrient dynamics in alkaline calcareous soils of Pakistan.
28. Cotton growth and yield improvement through foliar application of macro and micronutrients.
29. Bio-fortification of mung bean (*Vigna radiata*) with micronutrients (Zn and Fe) application in sandy clay loam soils.
30. To study the phenological variation of maize crop under changing nutrient and climatic scenario – a pot study.
31. Integrated impact of bio and chemical fertilizers on soil health, growth and yield of okra.
32. Arsenic contamination in rice grain; A potential hazard to the rice growing areas.
33. Struvite formation from the waste water (lab study).
34. To study the nutrient use efficiency under burnt and retained crop residue in rice/wheat cropping system.
35. Heavy metals in waste water collected from different main drains of Faisalabad.

#### **Soil Chemistry Laboratory Analysis work**

7667 determinations were carried out from 2116 soil samples.

### 13.3 Fauji Fertilizer Company Limited (FFC)

Number of soil samples analyzed = 17056

#### Promotional Programme / Activities (July 2018 – June 2019)

- i. Brand and corporate advertisements were placed in the national as well as regional newspapers and magazines. Advertisements depicted FFC corporate profile, product range of the company and product quality as well as provision of free agriculture services to the farming community.
- ii. Radio Pakistan and FM channels were utilized throughout the year. Spots were broadcasted in Punjabi, Sindhi and Pashto languages. Crop documentaries on wheat, cotton, and rice were telecasted on PTV Home prior to the onset of their respective seasons. These documentaries highlighted latest Agricultural technology, facilitating the farming community in improving their per acre yield. SMS alert of different agronomics activities and fertilizer recommendations for various crops and orchards were sent to farmers.
- iii. Seminars, farmer meetings, group discussions and field days were organized across Pakistan for transformation of advance agriculture technology to the farmers. FFC agriculture experts participated in different Radio and FM talks for educating and answering the queries of farmers pertaining to fertilizers management practices, plant protection measures, selection of certified seed, reclamation of salt affected soils and water management techniques etc.
- iv. Different training programs were organized for agriculture extension departments and allied industries throughout the country.

The following agriculture literature was developed and distributed to the farming community.

- Booklets on major crops, fruits, vegetables and tobacco.
  - Two sided flyers displaying brief information about the use of SOP, MOP, Zinc and Boron.
  - Fertilizer recommendation book.
  - Agriculture Newsletter.
- v. FFC sponsored the following events/conferences/workshops:
- “International Conference on Soil & Crop Health in Changing Climate” arranged by MNS University of Agriculture, Multan.
  - “Seminar on capacity building of small scale farmers to increase fertilizer use efficiency” organized by University of Agriculture Faisalabad sub-campus, Okara.
  - “National Citrus Fruits Exposition & Seminar” organized by Citrus Research Institute, Sargodha.
  - “Conference on Agriculture, Food & Animal Sciences” organized by Sindh

Agriculture University, Tando Jam.

- 2<sup>nd</sup> International Salinity Conference 2019 arranged by Soil Sciences Society of Islamia University of Bahawalpur.

#### 13.4 Agritech Limited

Agritech Limited carried out following promotional programme / activities

Farm Visits	72
Group discussions / product briefing	4
Agriculture department visits	7
Farmer meetings / field days (minimum 20 farmers gathering)	2
Testimonials	0
Dealer visits	18

#### 13.5 Engro Fertilizer Limited

##### Promotional Programmes / Activities

- i. Agriculture services for farmer education and 4R Nutrient Stewardship messages:

Market development activity	Number of activities
Farm visits	26,972
Mega farmer meetings	95
Seminars	7
Workshops	8
Group discussion for product briefing / crop production	1553
Farmer meeting	1133
Crop demonstration	504

Number of soil samples analyzed during the year = 19164

Water samples analyzed = 184

- Conducted promotional activity to create awareness of hybrid rice seeds among farmers.
- Conducted merchandising of biometric zincate urea throughout different towns by maximizing visibility in market.
- Specialty fertilizer business technical team conducted farmer meeting on regular basis to educate farmers for best practices of farming.
- Sales team conducted dealer meetings to discuss issues and challenges of industry, to train them and for awards and recognitions.
- Engro participated in 2<sup>nd</sup> Edition of Pakistan Horticulture Expo 2019 and Punjab Agriculture Expo 2019 as diamond sponsor.

## 13.6 Fatima Fertilizer Company Limited

### i) Farmer advisory services

Activity	Number of activities
High profile farmer meeting	71
Farmers meetings	777
Farm advisory visits	23369
Group Discussions with farmers	1655
Soils / irrigation water sampling	25020
Field days	171
Field demonstrations	177
Sugar mills staff training	23
Agriculture staff training	136
GR / PR Visits	329
High profile farmer testimonial	648
Collaborative research trials	19

### ii) Promotional Programmes/Activities

- i. Fatima Fertilizer Company Limited Sadiqabad has qualified for “IFA’s Protect & Sustained Product Stewardship **“EXCELLENCE AWARD”** in 2018. Fatima Fertilizer Company Limited and Pakarab Fertilizers (Multan) was the first fertilizers manufacturing plants in Pakistan which acquired IFA’s Protect and Sustain Certification in 2015. Fatimafert Limited (Sheikhupura) has also qualified for “IFA’s Protect & Sustained Product Stewardship” in 2018.
- ii. Fatima Group has signed an MOU with China Machinery Engineering Corporation (CMEC) under CPEC Initiative, in Beijing, during Pak-China Trade and Investment forum in April 2019. This cooperation will help in transferring latest crop production technologies in Pakistan which will ultimately help farmers in increasing per acre yield of their crops as well as provide sustainable support to the government of Pakistan in achieving its goal to reduce poverty of the rural community in Pakistan.
- iii. Establishment of soil, water and plant tissue analysis laboratory at Pakarab plant site (Multan) to provide free of cost facilities to the farmers for site specific fertilizers recommendations based on “4R nutrient stewardship framework”. This initiative will help farmers to increase per acre yield of the crops.
- iv. Fatima fertilizer has also sponsored educational seminars arranged by different universities, international organizations like USAID (PATTA project) and FAO. Group has also actively worked to increase farmer awareness on best crop management practices in KP and Balochistan.

- v. Fatima Fertilizer and USAID (PATTA) jointly hold demonstration activities to increase awareness of the farmers (small and medium farmers) in KP, Gilgit-Baltistan, Sindh and Punjab provinces. Through this ongoing cooperation farmers are getting awareness on emerging technologies and through these capacity building sessions farmers are getting better results.
- vi. Fatima Fertilizer and Balochistan government jointly initiated different Agricultural development projects in the province. Fatima fertilizer has also awarded 22 dealerships in Southern Balochistan and ensured priority shipment to fertilizer dealers for the poor farming communities. Moreover free of cost high quality cotton seeds developed by SANIFA were also provided to the area farmers for demonstration activities.
- vii. In Collaboration with agriculture department, government of Balochistan, wheat crop demonstration activity was launched in the newly developed Kachhi canal command area. Average yield of wheat grains obtained from Nitrophos and Sarsabz Urea fields was 50 monds/acre whereas DAP and Urea combination gave 39 monds/acre.
- viii. Kissan Mela was organized in Multan during which technical information was given to more than 5,000 farmers on best crop management practices and high use efficient nitrate based nitrophos and CAN fertilizers to increase per acre yield of different crops.
- ix. Fatima Fertilizer sponsored Pakistan Horticulture Expo organized by government of Punjab where Sarsabz took an active part by displaying their products and provided crop production related literature and booklets to farmers.
- x. Newspaper and Radio medium was extensively used explaining use of nitrates based Nitrophos and CAN as a mean to increase per acre yield of all crops by average 10%.
- xi. Sarsabz Fertilizers continued its partnership with leading telecom companies in providing information to its farmers through mobile phone based call-in shows and SMS updates.
- xii. The following crop related literature was revised as per latest agronomic techniques and distributed to the farming community and other stakeholders:
  - Collaborative research based booklets on crop production technologies for wheat, rice and potato crops.
- xiii. Distributed crop specific leaflets regarding best crop management practices along with fertilizers application as per soil health and crop critical growth stages for cotton, rice, wheat, sugarcane, maize (corn), potato, tobacco and sunflower.

#### 14. FERTILIZER DEMAND FORECAST: OUTLOOK FOR 2019-20

Fertilizer forecasting is a regular core activity of National Fertilizer Development Centre (NFDC). It includes updating the current demand projections in the light of actual performance and estimating future demand keeping in view the production targets of various crops, demand elasticity, the prevailing climatic conditions of the country and the availability of domestic gas supply to local producers and impact of subsidy etc. This centre also employs econometric as well as agronomic techniques for demand forecast.

The Kharif 2019 season started with opening inventory of 135 thousand tonnes of urea. With the estimated domestic production of 3,245 thousand tonnes, the total availability of urea was be around 3481 thousand tonnes. The estimated offtake of urea was around 3,018 thousand tonnes during Kharif 2019. Supply and demand situation with respect to urea would be comfortable with closing inventory of 460 thousand tonnes.

The available quantity of DAP in Kharif 2019 was 1,308 thousand tonnes, which comprises 599 thousand tonnes of opening inventory, 444 thousand tonnes domestic production and 265 thousand tonnes of imported supplies. The offtake of DAP during the season was 944 thousand tonnes. The closing inventory was around 370 thousand tonnes.

The other fertilizer products such as AS, NPKs, NP, SSP, SOP, MOP and CAN would also be available in the market to meet the rising demand.

**Table. 37 Fertilizer Demand Estimates**

(000 tonnes)

Year	Nitrogen	Phosphate	Potash	Total Nutrients	Urea	DAP
2017-18	3,434.8	1,278.60	49.9	4,763.30	5,825.2	2,439.90
2018-19	3407.67	1153.34	53.37	4,614.38	5970.5	2200.25
Growth Percent	-0.8	-9.8	6.9	-3.1	2.5	-9.8
2019-20 (Forecast)	3314.1	1189.0	42.6	4545.6	5676.9	2207.5
Growth Percent	-2.7	3.1	-20.3	-1.5	-4.9	0.3

The overall offtake for the year 2019-20 has been forecasted as 4,545.6 thousand nutrients tonnes, which is expected to decrease by 1.5 per cent over the last year. The projections up to March 2020 are presented in Annex – 27. The supply / demand projections for next three years are given in Annex-27(A).

#### 15. ECONOMICS OF FERTILIZER USE: FERTILIZER AND COMMODITY PRICES

During the year 2018-19, wheat production was 25.19 million tonnes which shows an increase of 0.5 per cent over the last year's 2017-18. The national requirement of wheat is 25.8 million tonnes. Support price for crops like wheat, paddy, sugarcane and seed cotton remained at previous year level. Total offtake of fertilizer nutrients witnessed decrease of 3.1 per cent. The average price of urea during Kharif 2018 increased by Rs. 214, and DAP

increased by Rs. 680 per bag of 50 kg over Kharif 2017. During Rabi 2018-19, an increase of Rs. 386 and Rs.716 per bag of 50 kg in the average price of Urea and DAP has been observed respectively over Rabi 2017-18. Agricultural commodity and fertilizer prices are given in Table 38.

**Table 38: Commodity and Fertilizer Prices during 2017-18 and 2018-19**

Product / Commodity	Price	2017-18		2018-19	
		Support Price	Market Price	Support Price	Market Price
A. Wheat	Rs. Per 40kg	1300	1186	1300	1202.5
	Rs. Per Kg	33	30	33	30
B. Paddy	IRRI (Rs. Per 40kg)	0	898	0	1100
	IRRI (Rs. Per kg)	0	22	0	27.5
	Basmati (Rs. Per 40kg)	0	1604	0	1744
	Basmati (Rs. Per kg)	0	40	0	43.6
C. Sugarcane	Rs. Per 40kg	181	181	180	180
	Rs. Per kg	4.5	4.5	4.5	4.5
D. Seed Cotton (Phutti)	Rs. Per 40kg	3000	2961	3200	3421
	Rs. Per kg	75	74	80	85.53
E. Fertilizer	<b><u>Urea Rs/bag (50kg)</u></b>				
	Kharif	1326	1326	1540	1540
	Rabi	1382	1382	1768	1768
	<b><u>DAP Rs/bag (50kg)</u></b>				
	Kharif	2601	2601	3281	3281
	Rabi	2860	2860	3576	3576
	<b><u>Nitrogen (N) Rs/kg from Urea</u></b>				
	Kharif	58	58	67	67
	Rabi	60	60	77	77
	<b><u>Phosphate (P) Rs/kg from DAP</u></b>				
	Kharif	91	91	116	116
	Rabi	101	101	125	125

Source: Agriculture Policy Institute (API), Economic Survey of Pakistan and NFDC database

Note: Average market prices of agricultural commodities are of immediate post-harvest period

Average market prices of fertilizers are for season (6 months) and no support price system exists in fertilizer

It was observed that urea (nitrogen) fertilizer remained cheaper for IRRI varieties of paddy, while it was expensive for wheat, cotton, basmati and sugarcane at both support and market price during 2018-19 compared with the previous year (Table-39). It was also noticed that DAP (phosphate) fertilizer remained costly for paddy, wheat, sugarcane and seed cotton at market and support price during fiscal year 2018-19 compared with fiscal year 2017-18. The increasing trend in fertilizers price during Kharif 2018 and Rabi 2018-19 impacted negatively the farmer's purchasing power. The relevant data is presented in Table-39.

**Table 39. Kg of Crop Required to Buy One Kg of Fertilizer Nutrient (N or P<sub>2</sub>O<sub>5</sub>)**

Crop	2017-18		2018-19		Per cent change in 2018-19 over last year at	
	Support Price	Market Price	Support Price	Market Price	Support Price	Market Price
<b><u>A. Wheat</u></b>						
Kg required to buy 1 kg of N from Urea	1.8	2.0	2.4	2.6	27.9	26.1
Kg required to buy 1 kg of P <sub>2</sub> O <sub>5</sub> from DAP	3.1	3.4	3.9	4.2	24.4	22.6
<b><u>B. Paddy</u></b>						
Kg required to buy 1 kg of N from Urea						
IRRI	-	2.6	-	2.4	-	-5.2
Basmati	-	1.4	-	1.5	-	6.8
Kg required to buy 1 kg of P <sub>2</sub> O <sub>5</sub> from DAP						
IRRI	-	4.0	-	4.2	-	5.0
Basmati	-	2.3	-	2.7	-	18.3
<b><u>C. Sugarcane</u></b>						
Kg required to buy 1 kg of N from Urea	12.8	12.7	14.9	14.9	16.1	16.8
Kg required to buy 1 kg of P <sub>2</sub> O <sub>5</sub> from DAP	20.1	20.0	25.9	25.9	28.6	29.4
<b><u>D. Seed Cotton</u></b>						
Kg required to buy 1 kg of N from Urea	0.77	0.78	0.84	0.78	8.9	0.5
Kg required to buy 1 kg of P <sub>2</sub> O <sub>5</sub> from DAP	1.21	1.22	1.5	1.4	20.6	11.3

\* Price of one kg of N from Urea and one kg of P<sub>2</sub>O<sub>5</sub> from DAP divided by the price of one kg of respective crop

## 16. NATURAL GAS CONSUMPTION IN FERTILIZER PRODUCTION AND ITS PRICES DURING 2018-19

### 16.1 Natural gas Consumption

Fertilizer sector is the fourth largest consumer of gas. Natural gas is used as feed stock as well as fuel in the manufacturing of nitrogenous fertilizers. Three companies namely Sui Northern Gas Pipeline Limited, Sui Southern Gas Company Limited and Mari Petroleum Company Limited are providing gas to fertilizer sector. The consumption of gas during 2018-19 was 237,852 mmcf. Out of this 82.7 per cent was used as feed stock and 17.3 per cent as fuel. The plant-wise gas consumption data of 2018-19 are given in Table 40 and detailed month-wise figures are in Annex-29.

**Table 40. Gas consumption by plants during 2018-19**

( MMCF)

Fertilizer Company	Feed	Fuel	Total
<b>Sui Northern Gas Pipelines Ltd.</b>			
Pak-Arab	-	219	219
Fatimafert	-	-	-
Agritech	-	-	-
EFERT	35,302	3,310	38,612
<b>Oil and Gas Development Compant Limited</b>			
EFERT	425	3,596	4,021
<b>Liquefied Natural Gas (LNG)</b>			
Agritech	6,229	1,299	7,528
Fatimafert	8,365	2,124	10,489
<b>Sui Southern Gas Company Ltd.</b>			
FFBL	18,027	640	18,667
<b>Mari Gas Company Ltd.</b>			
EFERT	19,070	7,987	27,057
FFC I & II	50,190	11,682	61,872
FFC III	27,955	4,806	32,761
Fatima Fertilizer	31,172	5,454	36,626
<b>Total</b>	<b>196,735</b>	<b>41,117</b>	<b>237,852</b>

**16.2 Natural gas prices**

Table 41 depicts the gas prices charged by the different Gas Companies from fertilizer sector. It may be pointed out that these prices are different for feed stock and fuel.

**Table 41. Gas price for fertilizer production**

(Rs/MMBTU)

Effect date	01-07-2016	01-01-2017	01-01-2018	01-01-2019
<b><u>SNGPL'S SYSTEM</u></b>				
(i) For Feed Stock				
Agritech	123.41	123.41	123.41	185
Fatimafert/ Pak Arab	123.41	123.41	123.41	185
EFERT	70.61	70.61	70.61	0.7 \$
Hazara Phosphate Fertilizer	123.41	123.41	123.41	185
(ii) For Fuel Generation				
DHCL/Pak Arab/Hazara Phosphate	600	600	600	780
<b><u>SSGCL'S SYSTEM</u></b>				
(i) For Feed Stock				
FFBL	123.41	123.41	123.41	185
(ii) For Fuel Generation				
FFBL	600	600	600	780
<b><u>FOR MARI GAS CO. SYSTEM</u></b>				
(i) For Feed Stock				
EFERT	123.41	123.41	123.41	185
FFC	123.41	123.41	123.41	185
Fatima Fertilizer	70.61	70.61	70.61	0.7 \$
(ii) For Fuel Generation (Power)				
	600	600	600	780

Source: Oil and Gas Regulatory Authority

### 16.3 Subsidy on Feed Gas

Subsidy on feed gas during 2018-19 was Rs. 92.85 billion which increased by 23 per cent as compared with previous year (Table 42).

**Table 42 Implicit subsidy on feed gas for fertilizer production during 2017-18 and 2018-19 (Estimated)**

(Rs. Billion)			
Effect date	2017-18	2018-19	Percent Change
<b>Sui Northern Gas Pipelines Ltd.</b>			
Pak-Arab	0.85	-	-100
Fatimafert	0.07	-	-100
Agritech	0.70	-	-100
EFERT	18.41	22.99	25
<b>Oil and Gas Development Company Limited</b>			
EFERT	0.14	0.27	96
<b>Sui Southern Gas Company Ltd.</b>			
FFBL	8.51	10.19	20
<b>Mari Gas Company Ltd.</b>			
EFERT	6.34	8.51	34
FFC	27.50	34.87	27
Fatima Fertilizer	12.89	16.02	24
<b>Total</b>	<b>75.41</b>	<b>92.85</b>	<b>23</b>

## 17. AGRICULTURAL CREDIT

Agricultural credit is one of the most important instruments to achieve higher productivity. Its availability at the time when needed is crucial for gaining maximum benefits. Credit requirements of the farming community have been increasing continuously over the period of time. This may be due to rise in the prices and use of costly agricultural inputs. State Bank of Pakistan is the main governing body in the country, which ensures the availability of agricultural credit to farmers. Zari Taraqati Bank Limited (ZTBL), Commercial banks, Cooperatives and Domestic private banks are providing credit facility to the farmers for meeting their credit needs.

Supply of institution-wise agricultural credit disbursement during 2017-18 and 2018-19 is presented in Table 43. Agricultural loans of Rs. 1174.0 billion were disbursed during 2018-19 as against Rs. 972.6 billion during the last year (2017-18), there by registering an impressive increase of 20.7 per cent. The share of commercial banks and ZTBL was 55.7 and 6.1 per cent, whereas the share of private Banks was 18.1 per cent. Shares of Micro Finance Banks, Islamic Banks and Rural Support Programmes were 13.1, 3.4 and 2.9 per cent respectively.

It may be observed that out of the total disbursement during 2018-19, 94.2 per cent was for production loan and 5.8 per cent for development loan. Production loan is for short term of 6 to 18 months for farm inputs seed, fertilizer, pesticides, POL, Labour and Poultry feed chick's etc. Of the total production loan, about 40 per cent goes to fertilizer. Therefore, it is estimated that about Rs. 442.5 billion have been provided for fertilizer sector. The data presented in Table 43 also indicate that almost the all banks have achieved their targets. Overall target achievement was 93.9 per cent.

**Table 43. Institution-wise Agriculture Credit Disbursements during 2018-19**

(Rs in Million)

Name of Bank	Disbursement during 2017-18	Percent Share	Disbursement during 2018-19 (July - June 2019)		Total	Percent Share	Target for 2018-19	Target Achieved during 2018-19
			Production	Development				
Commercial Bank								
Allied Bank Limited	55,137	5.7	58,696	4,159	62,855	5.4	68,500	91.8
Habib Bank Limited	137,034	14.1	167,958	2,572	170,530	14.5	170,000	100.3
MCB Bank Limited	85,272	8.8	105,031	545	105,576	9.0	105,000	100.5
National Bank Limited	180,036	18.5	222,646	2,362	225,008	19.2	225,000	100.0
United Bank Limited	66,451	6.8	87,444	2,118	89,562	7.6	82,500	108.6
Total Commercial Banks	523,930	53.9	641,775	11,756	653,531	55.7	651,000	100.4
Z.T.B.L	83,187	8.6	54,145	17,333	71,478	6.1	100,000	71.5
P.P.C.B.L	10,724	1.1	7,517	2,161	9,677	0.8	13,000	74.4
Total Domestic Private Banks	184,863	19.0	178,005	33,938	211,942	18.1	245,000	86.5
Total Micro Finance Banks	124,756	12.8	153,998	-	153,998	13.1	156,000	98.7
Total Islamic Banks	16,392	1.7	36,870	2,510	39,379	3.4	50,000	78.8
Total MFIs/RSPs	28,754	3.0	33,984	-	33,984	2.9	35,000	97.1
Grand Total (All Banks)	972,606	100	1,106,292	67,697	1,173,990	100	1,250,000	93.9

**18. GLOBAL AGRICULTURE AND FERTILIZER SITUATION****18.1 AGRICULTURE**

According to Food and Agriculture Organization (FAO) of the United Nations, world cereal estimated production during 2018-19 was 2,651.5 million tonnes compared to 2,703 million tonnes the last year. This represents a decrease of 1.9 percent from the previous year. For 2018-19, wheat production estimate is decreased by 3.9 percent while the coarse grain decreased by 2 per cent. The increase in rice harvest is estimated by 1.4 percent (Table-44).

**Table 44 WORLD CEREAL PRODUCTION, SUPPLIES, TRADE AND STOCKS**

(Million tonnes)

Particulars	2017-18 (Actual)	2018-19 (Estimated)	Percent change	2019-20 (Forecast)
Production	2703	2651.5	-1.9	2722.2
Wheat	759.9	730.2	-3.9	767.0
Coarse grains	1433.2	1404.4	-2.0	1438.3
Rice (milled)	509.9	516.9	1.4	516.8
Supply <sup>1</sup>	3531	3525.2	0.2	3575.1
Utilization	2657.3	2681.5	0.9	2722.4
Trade	421.4	411.1	-2.4	413.2
Ending Stocks	873.7	852.9	-2.4	847.2

Source: Food Outlook May, 2019

1. Production plus opening stocks

The bulk of the year on year growth is attributed to a high production of wheat, currently forecast at nearby 767 million tonnes for 2019 up 5.0 per cent from last year level. The latest forecast global wheat production includes an upward growth in wheat production in European Union, Russian Federation and Australia.

FAO, forecast for world production of coarse grains in 2019-20 is slightly higher than in 2018-19. Most of increase in maize production is foreseen to take place in the Argentina and Brazil. Planting of maize is likely to increase in United States of America. FAO, forecast of world rice production milled equivalent stands at 516.8 million tonnes close to the last year higher level.

World cereal utilization in 2019-20 is to forecast set to exceed 2722.4 million tonnes 1.52 percent higher than 2018-19. The forecast for World Trade in cereals in 2019-20 is 413.2 million tonnes up 0.5 percent (2.1 million tonnes) from 2018-19. The forecast for world cereal stocks by the close of the seasons in 2020 will remain close to 847.2 million tonnes (*Food outlook May, 2019*).

## 18.2 WORLD FERTILIZER CONSUMPTION

World fertilizer consumption dropped by 1 per cent in 2018-19 to 189.5 million tonnes nutrient. This contraction reflects a combination of low international prices of most crops, unfavourable weather and increasing emphasis on more efficient use of fertilizer (Table-45).

**Table 45: WORLD FERTILIZER CONSUMPTION BY NUTRIENTS**  
(Million tonnes)

Year	Nitrogen	Phosphate	Potash	Total
2017-18 (Actual)	107.9	46.7	36.9	191.4
2018-19 (Estimate)	107.3	45.7	36.5	189.5
Percent change over 2017-18	-0.5	-2.3	-1.0	-1.0
2019-20 (forecast)	109.8	47.1	37.5	194.3
Percent change over 2018-19	2.3	3.0	2.7	2.6

Source: IFA Paris, June 2019

During Fiscal Year 2018-19, demand for nitrogen, phosphate and potash decreased by 0.5, 2.3 and 1.0 per cent, respectively. Fertilizer consumption would increase in 2019-20 and is projected to grow by 2.6 per cent to 194.3 million tonnes, while growth rates for nitrogen, phosphate and potash are seen 2.3, 3.0 and 2.7 per cent respectively. (*Source: Medium – Term Outlook for World Agriculture and Fertilizer Demand 2018/19-2023/24*).

## 19. AGRICULTURE AND CROP SITUATION DURING 2018-19

Pakistan's agriculture sector plays a central role in the economy as it contributes 18.5 percent to country's Gross Domestic Product (GDP) and provides 38.5 percent employment to national labour force. It is also an important source of foreign exchange earnings and stimulates growth in other sectors. The performance of Agriculture during 2018-19 remained subdued. On the aggregate, the sector grew by 0.85 percent, much lower than the target of 3.8 percent set at the beginning of the year. This under-performance of agriculture sector was mainly due to insufficient availability of water which led to a drop in cultivated area and a drop in fertilizer offtake. The crops sector experienced a negative growth (-4.43 percent against the target of 3.6 percent) on the back of decline in growth of important crops by 6.55 percent. Sugarcane production declined by 19.4 percent to 67174 thousand tons, Cotton (-17.5 percent) to 9860.8 thousand bales and Rice (-3.1 percent) to 7215.4 thousand tonnes while production of Maize crop increased by 6.9 percent to 6309 thousand tonnes and Wheat growth was marginally higher (by 0.5 percent) to reach 25.195 million tonnes. Decrease in production of cotton crop also caused decline in cotton ginning by 12.7 percent. Other crops

having a share of 11.21 percent in agriculture value addition and 2.08 percent in GDP, showed growth of 1.95 percent mainly due to increase in production of pulses and oilseeds.

The agriculture growth is not consistent as observed over the decades. The rural transformation pace remained very slow resulting in problems like food insecurity, poverty, unemployment and illiteracy etc. The present government's resolve is to enhance productivity and value change development. More R&D on seed varieties, improving resource use efficiency, promoting modern technologies, starting skill development Program to support rural enterprises is the need of time. Climate smart agriculture is an approach used worldwide focusing on enhancing agriculture productivity and incomes while simultaneously building resilience to climate vulnerability and changes. To cater the stagnant and declining role of agriculture in GDP of the country, present government has initiated the Minister's Agriculture Emergency Program with primarily focus on Productivity Enhancement of Wheat, Rice & Sugarcane, Oilseeds Enhancement Program, Conserving Water through Lining of Watercourses, Enhancing Command Area of Small and Mini Dams in Barani Areas, Water Conservation in Barani areas of Khyber Pakhtunkhwa, Shrimp Farming, Cage Fish Culture, Trout Farming in Northern Areas of Pakistan, Save & Fattening of Calf Program and backyard Poultry Program. It is very important that focus should remain on raising food production through efficient irrigation and innovative technology, agriculture diversification, agriculture support services, SME development in rural areas and creating small cities in rural areas.

### 19.1 Land Utilization

Total cropped area remained stagnant during last 3-5 years due to almost unchangeable net area sown (15.35 m ha). Utilization of prime agricultural land for residential and industrial purposes through anthropogenic interventions is a great threat to food security of the country as ever burgeoning population could hardly be fed at current stagnant cropped area and persistent crop production in the near future. During 2018-19, the total cropped area was 22.63 million hectares. Land utilization statistics for the country are given in Table 46.

**Table 46. Land Utilization, 1970-71 to 2018-19 (Selected Years)**

(Million hectares)							
Fiscal Year	Forest Area	Culturable Waste	Current Fallow	Net Area Sown	Total Area Cultivated (4+5)	Area Sown More than Once	Total Cropped Area (5+7)
1	2	3	4	5	6	7	8
1970-71	2.83	11.11	4.77	14.44	19.21	2.18	16.62
1980-81	2.85	10.86	4.89	15.41	20.30	3.92	19.33
1990-91	3.46	8.85	4.85	16.11	20.96	5.71	21.82
2000-01	3.77	9.17	6.73	15.40	22.13	6.64	22.04
2010-11	4.26	7.98	6.38	15.65	22.03	7.07	22.72
2011-12	4.26	8.19	7.05	14.98	22.03	7.52	22.50
2012-13	4.26	8.21	7.04	15.22	22.26	7.34	22.56
2013-14	4.55	8.27	6.68	15.40	22.06	7.76	23.16
2014-15	4.54	8.30	6.66	15.46	23.24	7.82	23.26
2015-16	3.99	8.27	7.43	15.38	22.79	7.76	23.66
2016-17	4.47	8.37	6.80	15.36	22.16	7.32	23.66
2017-18 (P)	4.47	8.37	6.80	15.35	22.16	7.32	22.63
2018-19 (R)	4.47	8.37	6.80	15.35	22.16	7.32	22.63

Source: Economic Survey 2018-19, P: Provisional R: Repeated

## 19.2 Irrigation and Water Availability

Pakistan is facing severe water stress due to an extremely inefficient irrigation system and practices, over-exploitation of groundwater; inadequate storage capacity and surface and groundwater pollution have collectively impacted quantity and quality of water. During Kharif (April-September) 2018, canal head withdrawals declined to 59.62 Million Acre Feet (MAF) showing a decrease of 15 percent as compared to 69.97 MAF during the same period last year. During Rabi (October-March) 2018-19, the canal head withdrawals recorded an increase of 3 percent and 24.76 MAF, canal water was available compared to 24.15 MAF during the same period last year. The Province- wise details are given in Table 47.

**Table 47. Canal Head Withdrawals (Below Rim Station)**

Province	Million Acre Feet (MAF)					
	Kharif (Apr-Sep) 2017	Kharif (Apr-Sep) 2018	% Change in Kharif 2018 over 2017	Rabi (Oct-Mar) 2017-18	Rabi (Oct-Mar) 2018-19	% Change in Rabi 2018-19 over 2017-18
Punjab	35.51	29.19	-18	12.76	13.25	4
Sindh	31.37	27.75	-12	9.75	10.10	4
Balochistan	2.07	1.69	-18	1.12	0.97	-13
Khyber Pakhtunkhwa	1.02	0.99	-3	0.53	0.45	-15
<b>Total</b>	<b>69.97</b>	<b>59.62</b>	<b>-15</b>	<b>24.15</b>	<b>24.76</b>	<b>3</b>

Source: Economic Survey 2018-19

## 19.3 Crop Situation

Pakistan's agricultural productivity is dependent upon the timely availability of water. There is a strong relationship between agriculture and climate-temperature, precipitation, floods and other aspects of weather that finally affect economic performance including agriculture production, commodity prices and finally economic growth. Pakistan has two crop seasons, "Kharif" being the first growing season starting from April-June and ending by October-December. Rice, sugarcane, cotton, maize, mung, mash, bajra and jowar are major "Kharif" crops. "Rabi", the second growing season, begins in October-December and is harvested in April-May. Wheat, gram, lentil (masoor), tobacco, rapeseed, barley and mustard are "Rabi" crops. Performance of wheat, rice, cotton, sugarcane and maize along with gram, potato, onion and rapeseed crops during 2018-19 against 2017-18 is briefly narrated below.

### 19.3.1 Wheat

Wheat is the staple food of the country's population occupying the largest area under single crop. It is grown in almost every part of the country. Wheat accounts 8.9 percent value added in agriculture and 1.6 percent of GDP. Wheat crop showed marginal increase of 0.5 percent to 25.195 million tonnes over last year's production of 25.076 million tonnes but fell short of the target by 4.9 percent. The area under cultivation declined by 0.6 percent (to 8.740 m. ha. over last year's 8.797 million hectares). This nominal decrease in area over previous year was due to shifting of area to oilseed & other competitive crops. However, production increased due to better crop yield and healthy grain formation. The area, production and yield of wheat during 2018-19 compared with last year are presented in Table 48.

**Table 48. Area, Production and Yield of Wheat during 2018-19 against 2017-18**

Province	2018-19			2017-18			Percentage (%) Change in 2018-19 over 2017-18		
	Area m. ha	Prod. m.t	Yield tonne/ha	Area. ha	Prod. m.t	Yield tonne/ha	Area	Prod.	Yield
Punjab	6.542	19.370	2.961	6.560	19.179	2.924	-0.3	1.0	1.3
Sindh	1.053	3.502	3.327	1.090	3.640	3.340	-3.4	-3.8	-0.4
KP	0.756	1.395	1.844	0.753	1.323	1.756	0.4	5.4	5.0
Balochistan	0.390	0.928	2.383	0.394	0.935	2.372	-1.0	-0.7	0.5
Pakistan	8.740	25.195	2.883	8.797	25.076	2.851	-0.6	0.5	1.1

Source: Economic Wing, Ministry of National Food Security & Research, Islamabad

### 19.3.2 Cotton

Cotton is considered as life line of economy of Pakistan. It has 0.8 percent share in GDP and contributes 4.5 percent in agriculture value addition. Cotton crop faces significant challenges vis- à-vis competing crops especially sugarcane. Most important being unfavorable international prices. During 2018-19, cotton production remained moderate at 9861 thousand bales, a decrease of 17.5 percent over the last year's production of 11946 thousand bales, and 31.5 percent less against the set target of 14.4 million bales. This below expectation performance of the cotton crop was largely due to contraction in the cultivated area on account of less economic incentive to the farmers by 12.1 percent to 2,373 thousand hectares compared to last year's area of 2,700 thousand hectares. The production was also affected by unfavorable weather conditions, particularly the prolonged hot and dry weather that prevailed in the country. In addition, stunting of crop, attack of whitefly, pink bollworm and other pests/insects also hampered crop output. The area, production and yield of cotton during 2018-19 compared with last year are given in Table 49.

**Table 49. Area, Production and Yield of Cotton during 2018-19 against 2017-18**

Province	2018-19			2017-18			Percentage (%) Change in 2018-19 over 2017-18		
	Area 000 ha	Production (000' bales)	Yield kg/ha	Area 000 ha	Production (000'bales)*	Yield kg/ha	Area	Prod.	Yield
Punjab	1887.8	6826.0	615.0	2052.9	8077.0	669.2	-8.0	-15.5	-8.1
Sindh	448.2	2938.4	1115.1	611.7	3775.8	1049.9	-26.7	-22.2	6.2
KP	0.2	0.5	425.2	0.2	0.5	425.2	0.0	0.0	0.0
Balochistan	36.8	95.9	443.3	35.5	92.3	442.2	3.7	3.9	0.2
<b>Pakistan</b>	<b>2373.0</b>	<b>9860.8</b>	<b>706.8</b>	<b>2700.3</b>	<b>11945.6</b>	<b>752.4</b>	<b>-12.1</b>	<b>-17.5</b>	<b>-6.1</b>

Source: Economic Wing, Ministry of National Food Security & Research, Islamabad

### 19.3.3 Rice

Rice is an essential food/ cash crop and one of the main export items of the country. It accounts for 3.0 percent of the value added in agriculture and 0.6 percent of GDP. After wheat, it is the second main staple food crop. During 2018-19, rice crop area decreased by 0.4

percent to 2,889.8 thousand hectares compared to 2,901 thousand hectares of last year. The production stood lower by 3.1 percent at 7,215 thousand tonnes against 7,450 thousand tonnes last year missing the target by 3.3 percent. The production declined due to decrease in area cultivated, dry weather and shortage of water. Province wise area, production and yield of rice during 2018-19 compared with last year are given in Table 50.

**Table 50. Area, Production and Yield of Rice during 2018-19 against 2017-18**

Province	2018-19			2017-18			Percentage (%) Change in 2018-19 over 2017-18		
	Area 000 ha	Production 000 t	Yield kg/ha	Area 000 ha	Production 000 t	Yield kg/ha	Area	Prod.	Yield
Punjab	1983.8	3992.4	2012.5	1840.9	3898.0	2117.4	7.8	2.4	-5.0
Sindh	690.2	3571.1	3725.2	828.3	2850.5	3441.4	-16.7	25.3	8.2
KP	62.3	153.8	2468.7	61.6	147.5	2394.5	1.1	4.3	3.1
Balochistan	153.5	498.1	3245.0	169.8	553.8	3261.5	-9.6	-10.1	-0.5
Pakistan	2889.8	7215.4	2496.9	2900.6	7449.8	2568.4	-0.4	-3.1	-2.8

Source: Economic Wing, Ministry of National Food Security & Research, Islamabad

#### 19.3.4 Sugarcane

Sugarcane is high value cash crop. Its production accounts for 2.9 percent in agriculture's value addition and 0.5 percent of overall GDP. During 2018-19, sugarcane crop production was lower by 19.4 percent to 67174 thousand tonnes compared to 83333 thousand tonnes achieved last year. Like cotton, this decline in sugarcane output is due to shrinking of cultivated area (by 17.9 percent from 1,342 thousand of last year to 1,102 thousand hectares) on account of water shortages. Moreover, low economic returns too discouraged the growers to bring more area under the sugarcane crop. Disposal problem of cane and payment difficulties also restricted the acreage of sugarcane. The area, production and yield of sugarcane during 2018-19 compared with last year are given in Table 51.

**Table 51. Area, Production and Yield of Sugarcane during 2018-19 against 2017-18**

Province	2018-19			2017-18			Percentage (%) Change in 2018-19 over 2017-18		
	Area 000 ha	Production 000 t	Yield t/ha	Area 000 ha	Production 000 t	Yield t/ha	Area	Prod.	Yield
Punjab	710.6	44906.3	63.2	859.1	55067.5	64.1	-17.3	-18.5	-1.4
Sindh	279.5	16691.3	59.7	333.3	20611.9	61.8	-16.1	-19.0	-3.4
KP	111.0	5532.0	49.8	148.5	7610.0	51.2	-25.3	-27.3	-2.7
Balochistan	0.9	44.3	49.2	0.9	43.4	48.2	0.0	2.1	2.1
<b>Pakistan</b>	<b>1102.0</b>	<b>67173.9</b>	<b>61.0</b>	<b>1341.8</b>	<b>83332.8</b>	<b>62.1</b>	<b>-17.9</b>	<b>-19.4</b>	<b>-1.8</b>

Source: Economic Wing, Ministry of National Food Security & Research, Islamabad

### 19.3.5 Maize

Maize grain is an important food crop and produces an array of products as raw material for multi products and value additions. In Pakistan, after wheat and rice, Maize is the third important cereal crop. It contributes 2.6 percent to value addition in agriculture and 0.5 percent to GDP. During 2018-19, maize was cultivated on 1,318 thousand hectares and witnessed an increase of 5.3 percent over last year's 1,251 thousand hectares. Its production increased by 6.9 percent higher than the last year's production 5901.6 thousand tonnes to 6309 thousand tonnes compared to target 6000 thousand tonnes. The production increased as farmers shifted from cotton and sugarcane and availability of improved variety of seed as well better economic returns. The area, production and yield of maize during 2018-19 compared with last year are given in Table 52.

**Table 52. Area, Production and Yield of Maize during 2018-19 against 2017-18**

Province	2018-19			2017-18			Percentage (%) Change in 2018-19 over 2017-18		
	Area 000 ha	Production 000 t	Yield kg/ha	Area 000 ha	Production 000 t	Yield kg/ha	Area	Prod.	Yield
Punjab	843.6	5398.0	6398.8	770.3	5028.0	6527.3	9.5	7.4	-2.0
Sindh	3.5	3.5	1000.0	3.6	3.6	1000.0	-2.8	-2.8	0.0
KP	468.0	904.5	1932.7	474.6	867.0	1826.8	-1.4	4.3	5.8
Balochistan	2.8	2.8	1000.0	2.9	3.0	1034.5	-3.4	-6.7	-3.3
Pakistan	1317.9	6308.8	4787.0	1251.4	5901.6	4716.0	5.3	6.9	1.5

Source: Economic Wing, Ministry of National Food Security & Research, Islamabad

### 19.3.6 Other Major Crops

During 2018-19, gram production recorded an increase of 35.5 percent on account of higher yield due to favorable weather condition prevalent at the time of sowing. The production of Bajra increased by 3.2 percent. The production of potato and onion grew by 6.2 and 0.1 percent respectively while that of Rapeseed/Mustard witnessed decline of 29.0 percent. Area, production and yield of said major crops during 2018-19 compared with last year is given in Table 53.

**Table 53. Area, Production and Yield of other major crops during 2018-19 against 2017-18**

Crops	2018-19			2017-18			Percentage (%) Change in 2018-19 over 2017-18		
	Area 000 ha	Production 000 t	Yield kg/ha	Area 000 ha	Production 000 t	Yield kg/ha	Area	Prod.	Yield
Bajra	455.7	350.0	768.0	488.8	339.0	693.5	-6.8	3.2	10.7
Gram	944.0	438.5	464.5	975.2	323.5	331.7	-3.2	35.5	40.0
Potato	195.6	4870.4	24899.8	193.4	4584.3	23703.7	1.1	6.2	5.0
Onion	149.5	2122.1	14194.6	150.2	2119.7	14112.5	-0.5	0.1	0.6
Rapeseed / Mustard	199.0	225.9	1135.2	260.3	318.27	1222.7	-23.5	-29.0	-7.2

Source: Economic Wing, Ministry of National Food Security & Research, Islamabad

**FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING 2017-18 AND 2018-19  
(2017-18)**

(Tonnes)

PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	Fatimafert (DHCL)	-	-	-	-	3,262	-	-	-	-	-	-	-	3,262
UREA	EFERT	168,450	166,539	121,673	166,539	119,138	168,600	175,557	167,216	155,737	122,923	83,543	138,839	1,754,754
UREA (PAFL)	Agri Tech (Pvt.) Ltd	20,832	27,600	-	-	-	-	-	-	-	-	-	-	48,432
UREA (PFL)	PAK ARAB	-	3,800	3,288	-	-	-	-	-	-	-	-	-	7,088.00
UREA (PSFL)	FFC	72,475	72,276	69,673	35,525	65,729	72,592	75920	68604	75532	72,185	74,136	70,841	825,488
UREA (Prilled)	FFC	145,859	146,115	140,566	136,714	134,602	139,820	152,373	97488	121454	140,128	148,888	141,216	1,645,223
UREA (Granular)	FFBL	56,580	52,678	50,210	54,309	52,238	57,097	13,732	29,045	55,358	53,114	51,817	52,800	578,978
UREA	Fatima Fertilizer	36,945	46,000	47,610	47,400	42,579	46,264	39,331	35,492	41,543	45,058	30,610	42,632	501,464
	<b>TOTAL UREA</b>	<b>501,141</b>	<b>515,008</b>	<b>433,020</b>	<b>440,487</b>	<b>417,548</b>	<b>484,373</b>	<b>456,913</b>	<b>397,845</b>	<b>449,624</b>	<b>433,408</b>	<b>388,994</b>	<b>446,328</b>	<b>5,364,689</b>
NP	PAK ARAB	20,207	31,000	12,053	600	5,181	-	-	-	-	-	-	-	69,041
NP	EFERT	8,864	5,704	1,808	3,259	3,888	9,245	2,639	2,880	5,726	7,713	8,262	2,660	62,648
NP	Fatima Fertilizer	31,945	34,500	34,111	33,842	32,255	37,325	35,260	32,844	36,766	34,493	27,134	31,836	402,311
<b>NP</b>	<b>TOTAL</b>	<b>61,016</b>	<b>71,204</b>	<b>47,972</b>	<b>37,701</b>	<b>41,324</b>	<b>46,570</b>	<b>37,899</b>	<b>35,724</b>	<b>42,492</b>	<b>42,206</b>	<b>35,396</b>	<b>34,496</b>	<b>534,000</b>
SSP (LCFL)	AL-HAMD	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP (HPFL)	Agritech	5,775	6,990	6,908	7,198	6,279	5,551	5,698	3,831	3,037	3,681	5,422	4,525	64,895
SSP	Suraj Fertilizers	-	-	-	298	-	-	-	-	-	-	-	-	298
SSP	Safi Chemicals	-	-	-	445	-	-	-	-	-	-	-	-	445
<b>SSP</b>	<b>TOTAL</b>	<b>5,775</b>	<b>6,990</b>	<b>6,908</b>	<b>7,941</b>	<b>6,279</b>	<b>5,551</b>	<b>5,698</b>	<b>3,831</b>	<b>3,037</b>	<b>3,681</b>	<b>5,422</b>	<b>4,525</b>	<b>65,638</b>
CAN (Pak-Arab)	PAK ARAB	15,263	23,000	7,357	-	4,822	-	-	-	-	-	-	-	50,442
CAN	Fatima Fertilizer	38,616	37,500	38,361	38,533	40,040	42,762	42,153	37,618	43,999	40,092	34,716	34,115	468,505
	<b>TOTAL CAN</b>	<b>53,879</b>	<b>60,500</b>	<b>45,718</b>	<b>38,533</b>	<b>44,862</b>	<b>42,762</b>	<b>42,153</b>	<b>37,618</b>	<b>43,999</b>	<b>40,092</b>	<b>34,716</b>	<b>34,115</b>	<b>518,947</b>
DAP (Sona)	FFC	69,852	73,859	71,714	74,481	71,986	65,437	31,073	64,635	71,112	30,945	62,100	71,185	758,379
NPKs (Various grades)	EFERT	9,058	6,267	1,117	8,318	1,412	42	4,415	11,153	6,535	6,271	3,879	3,653	62,120
NPKs (Various grades)	Safi Chemicals	15	20	40	673	10	69	-	15	-	-	-	-	842
	<b>GRAND TOTAL</b>	<b>700,736</b>	<b>733,848</b>	<b>606,489</b>	<b>608,134</b>	<b>583,421</b>	<b>644804</b>	<b>578,151</b>	<b>550,821</b>	<b>616,799</b>	<b>556,603</b>	<b>530,507</b>	<b>594,302</b>	<b>7,304,615</b>
	<b>NUTRIENTS</b>													
	NITROGEN	272,302	283,227	235,206	235,722	226,437	256,433	236,160	213,986	241,761	225,348	207,417	235,024	2,869,023
	PHOSPHATE	49,000	52,770	45,464	46,376	43,993	41,838	24,770	40,918	44,111	24,603	37,419	41,225	492,487
	POTASH	1,623	1,101	197	1,550	241	14	775	2,010	1,209	1,158	687	650	11,215
	<b>TOTAL</b>	<b>322,925</b>	<b>337,098</b>	<b>280,867</b>	<b>283,648</b>	<b>270,671</b>	<b>298,285</b>	<b>261,705</b>	<b>256,914</b>	<b>287,081</b>	<b>251,109</b>	<b>245,523</b>	<b>276,899</b>	<b>3,372,725</b>

**FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING 2017-18 AND 2018-19  
(2018-19)**

		(Tonnes)												
PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	Fatimafert (DHCL)	-	-	-	42,979	33,861	30,077	28,451	17,627	46,840	43,947	43,637	39,241	326,660
UREA	EFERT	160,375	172,350	164,551	164,551	154,415	154,415	164,416	127,616	153,415	144,067	138,689	177,289	1,876,149
UREA (PAFL)	Agri Tech (Pvt.) Ltd	-	-	4,484	32,187	31,900	27,363	25,149	13,593	34,074	32,620	33,898	33,188	268,456
UREA (PFL)	PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-	-
UREA (PSFL)	FFC	73,198	72,640	70,429	73,245	71,371	74,187	74,185	66,729	73,379	59,428	73,969	71,192	853,952
UREA (Prilled)	FFC	145,828	142,535	134,396	148,250	139,164	138,066	124,458	101,451	134,447	143,394	148,899	143,186	1,644,074
UREA (Granular)	FFBL	52,217	57,553	48,468	50,476	52,828	44,411	2,692	11,211	36,559	54,107	57,101	53,625	521,248
UREA	Fatima Fertilizer	46,487	41,062	43,954	47,434	43,967	43,368	40,800	35,197	12,575	17,228	30,871	39,897	442,840
	<b>TOTAL UREA</b>	<b>478,105</b>	<b>486,140</b>	<b>466,282</b>	<b>559,122</b>	<b>527,506</b>	<b>511,887</b>	<b>460,151</b>	<b>373,424</b>	<b>491,289</b>	<b>494,791</b>	<b>527,064</b>	<b>557,618</b>	<b>5,933,379</b>
NP	PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-	0
NP	EFERT	4,644	819	189	5,329	1,034	16,601	4,565	4,243	3,166	6,710	9,954	1,114	58,368
NP	Fatima Fertilizer	36,044	36,921	36,747	34,824	36,845	38,835	42,430	44,350	22,903	29,395	37,781	39,751	436,826
<b>NP</b>	<b>TOTAL</b>	<b>40,688</b>	<b>37,740</b>	<b>36,936</b>	<b>40,153</b>	<b>37,879</b>	<b>55,436</b>	<b>46,995</b>	<b>48,593</b>	<b>26,069</b>	<b>36,105</b>	<b>47,735</b>	<b>40,865</b>	<b>495,194</b>
SSP (LCFL)	AL-HAMD	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP (HPFL)	Agritech	6,482	1,413	6,117	7,470	8,310	3,073	2,925	6,594	6,218	6,235	1,347	-	56,184
SSP	Suraj Fertilizers	200	658	2,690	5,509	4,544	685	2,062	-	-	3,512	15	-	19,875
SSP	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SSP</b>	<b>TOTAL</b>	<b>6,682</b>	<b>2,071</b>	<b>8,807</b>	<b>12,979</b>	<b>12,854</b>	<b>3,758</b>	<b>4,987</b>	<b>6,594</b>	<b>6,218</b>	<b>9,747</b>	<b>1,362</b>	<b>-</b>	<b>76,059</b>
CAN (Pak-Arab)	PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-	0
CAN	Fatima Fertilizer	39,707	39,945	40,127	36,118	41,203	40,088	42,257	42,131	25,936	28,964	38,462	38,361	453,299
	<b>TOTAL CAN</b>	<b>39,707</b>	<b>39,945</b>	<b>40,127</b>	<b>36,118</b>	<b>41,203</b>	<b>40,088</b>	<b>42,257</b>	<b>42,131</b>	<b>25,936</b>	<b>28,964</b>	<b>38,462</b>	<b>38,361</b>	<b>453,299</b>
DAP (Sona)	FFC	73,321	61,300	76,225	55,710	66,483	63,538	30,723	60,989	74,920	72,753	75,512	71,162	782,636
SOP	Pacific	-	-	-	-	-	-	-	-	3,363	875	869	667	5,774
NPKs (Various grades)	EFERT	4,685	5,123	3,103	14,966	4,840	423	4,951	11,890	8,443	6,560	4,996	7,651	77,631
NPKs (Various grades)	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	0
	<b>GRAND total</b>	<b>643,188</b>	<b>632,319</b>	<b>631,480</b>	<b>719,048</b>	<b>690,765</b>	<b>675,130</b>	<b>590,064</b>	<b>543,621</b>	<b>636,238</b>	<b>649,795</b>	<b>696,000</b>	<b>716,324</b>	<b>7,823,972</b>
<b>NUTRIENTS</b>														
	NITROGEN	253,409	254,366	247,665	287,346	274,664	270,120	239,820	206,308	253,354	257,012	277,127	289,361	3,110,553
	PHOSPHATE	45,229	38,301	45,671	40,640	42,605	42,751	26,695	42,805	43,079	43,773	45,599	42,251	499,400
	POTASH	833	908	528	2,694	852	76	844	2,199	3,229	1,579	1,324	1,717	16,783
	<b>TOTAL</b>	<b>299,471</b>	<b>293,575</b>	<b>293,864</b>	<b>330,680</b>	<b>318,121</b>	<b>312,948</b>	<b>267,359</b>	<b>251,312</b>	<b>299,662</b>	<b>302,365</b>	<b>324,050</b>	<b>333,329</b>	<b>3,626,735</b>

**FERTILIZER IMPORTS DURING 2017-18 AND 2018-19  
(2017-18)**

(Tonnes)

Months	UREA	DAP	NP	SOP	MOP	AS	SSP	TOTAL PRODUCTS	NITROGEN	PHOSPHATE	POTASH	TOTAL NUTRIENTS
July	-	302,997	-	5,706	3,009	-	2	311,714	54,539	139,379	4,658	198,577
August	-	125,617	-	4,889	4,814	12,385	-	147,705	25,212	57,784	5,333	88,329
Sep	-	140,569	-	6,450	8,371	1,470	-	156,860	25,611	64,662	8,248	98,520
Oct	-	240,675	-	4,728	2,558	-	1,881	249,842	43,322	111,049	3,899	158,269
Nov	-	289,033	-	4,969	4,605	1,000	1,880	301,487	52,236	133,294	5,248	190,777
Dec	-	103,445	-	1,133	1,486	1,040	276	107,380	18,839	47,634	1,458	67,931
Jan	-	65,092	-	4,459	1,486	-	693	71,730	11,717	30,067	3,121	44,905
Feb	-	88,966	-	3,394	1,098	500	1,328	95,286	16,119	41,163	2,356	59,638
Mar	-	51,498	-	2,880	2,226	1,546	2,389	60,539	9,594	24,119	2,776	36,489
April	-	44,885	-	4,477	2,289	1,780	1,607	55,038	8,453	20,936	3,612	33,001
May	-	183,074	-	5,177	1,924	208	1,003	191,386	32,997	84,395	3,743	121,134
June	-	141,985	-	521	3,259	-	1163	146,928	25,557	65,522	2,216	93,296
<b>Total</b>	<b>-</b>	<b>1,777,836</b>	<b>0</b>	<b>48,783</b>	<b>37,125</b>	<b>19,929</b>	<b>12,222</b>	<b>1,895,895</b>	<b>324,196</b>	<b>820,005</b>	<b>46,667</b>	<b>1,190,867</b>

(2018-19)

(Tonnes)

Months	UREA	DAP	NP	SOP	MOP	AS	SSP	MAP	TOTAL PRODUCTS	NITROGEN	PHOSPHATE	POTASH	TOTAL NUTRIENTS
July	-	182,313	-	3,785	1,049	500	2,388	-	190,035	32,921	84,294	2,522	119,737
August	-	272,737	-	3,155	2,450	3,280	2,059	-	283,681	49,781	125,830	3,048	178,659
Sep	-	237,864	-	5,310	3,839	4,858	3,094	-	254,965	43,836	109,974	4,958	158,768
Oct	-	238,799	-	4,682	2,033	11,525	3,838	-	260,877	45,404	110,538	3,561	159,503
Nov	-	221,339	5,200	1,232	550	1,567	-	-	229,888	41,314	102,856	946	145,116
Dec	105,126	89,906	2,800	956	213	735	440	1,137	201,313	65,425	42,564	606	108,595
Jan	-	39,291	3,000	3,436	6,058	11,262	1,687	19,671	84,405	12,065	28,813	5,353	46,230
Feb	-	7,438	3,000	4,651	2,539	1,936	382	1,319	21,265	2,537	4,750	3,849	11,136
Mar	-	82,529	-	7,349	3,870	5,163	2,251	756	101,918	16,015	38,747	5,997	60,758
April	-	34,202	-	4,037	1,783	6,511	1,780.00	500	48,813	7,574	16,303	3,088	26,965
May	-	21,272	-	4,379	1,297	5,342	1,862	4,335	38,487	5,384	12,288	2,968	20,640
June	-	82,856	-	4,487	-	6,681	3,000	-	97,024	16,317	38,654	2,244	57,214
<b>Total</b>	<b>105,126</b>	<b>1,510,546</b>	<b>14,000</b>	<b>47,459</b>	<b>25,681</b>	<b>59,360</b>	<b>22,781</b>	<b>27,718</b>	<b>1,812,671</b>	<b>338,574</b>	<b>715,611</b>	<b>39,138</b>	<b>1,093,322</b>

**MONTH-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018,  
RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous Months / seasons / years
<b>PAKISTAN</b>							
<b>TOTAL</b>							
April	193,628	170,893	237,889	205,027	214,684	260,466	21.3
May	310,032	300,904	319,420	227,799	327,937	306,111	-6.7
June	389,940	312,787	381,947	321,930	647,982	426,452	-34.2
July	291,051	345,145	283,245	533,217	381,395	483,269	26.7
August	318,589	401,924	240,807	394,938	502,724	285,338	-43.2
September	385,177	291,383	105,544	243,374	341,402	372,991	9.3
<b>Total Kharif</b>	<b>1,888,418</b>	<b>1,823,036</b>	<b>1,568,852</b>	<b>1,926,285</b>	<b>2,416,124</b>	<b>2,134,627</b>	<b>-11.7</b>
		<b>-3.5</b>	<b>-13.9</b>	<b>22.8</b>	<b>25.4</b>	<b>-11.7</b>	
October	446,627	424,219	493,571	526,323	482,560	594,134	23.1
November	558,071	522,389	693,167	827,722	651,087	428,728	-34.2
December	461,323	491,670	523,014	594,507	479,672	480,457	0.2
January	323,695	361,072	234,166	270,837	356,311	361,607	1.5
February	263,968	280,752	227,554	226,084	291,655	238,024	-18.4
March	256,002	258,609	143,449	232,506	283,528	254,126	-10.4
<b>Total Rabi</b>	<b>2,309,686</b>	<b>2,338,711</b>	<b>2,314,921</b>	<b>2,677,979</b>	<b>2,544,813</b>	<b>2,357,076</b>	<b>-7.4</b>
<b>% change</b>		<b>1.3</b>	<b>-1.0</b>	<b>15.7</b>	<b>-5.0</b>	<b>-7.4</b>	
April	170,893	237,889	205,027	214,684	260,466	237,037	-9.0
May	300,904	319,420	227,799	327,937	306,111	458,186	49.7
June	312,787	381,947	321,930	647,982	426,452	420,502	-1.4
<b>FY Total</b>	<b>4,089,087</b>	<b>4,316,419</b>	<b>3,699,273</b>	<b>5,040,111</b>	<b>4,763,363</b>	<b>4,614,399</b>	<b>-3.1</b>
<b>% change</b>		<b>5.6</b>	<b>-14.3</b>	<b>36.2</b>	<b>-5.5</b>	<b>-3.1</b>	
<b>NITROGEN</b>							
April	165,859	141,856	195,658	139,710	154,073	212,883	38.2
May	262,701	234,762	248,943	160,858	280,818	264,057	-6.0
June	308,777	275,268	315,650	292,593	568,346	330,931	-41.8
July	244,245	266,940	235,805	419,879	233,195	322,397	38.3
August	269,155	332,093	219,282	320,161	450,019	236,349	-47.5
September	290,354	227,674	97,096	179,078	162,467	265,896	63.7
<b>Total Kharif</b>	<b>1,541,090</b>	<b>1,478,593</b>	<b>1,312,434</b>	<b>1,512,279</b>	<b>1,848,918</b>	<b>1,632,513</b>	<b>-11.7</b>
<b>% change</b>		<b>-4.1</b>	<b>-11.2</b>	<b>15.2</b>	<b>22.3</b>	<b>-11.7</b>	
October	292,746	258,181	214,165	275,466	271,645	329,996	21.5
November	350,046	311,692	413,273	501,815	396,759	291,069	-26.6
December	368,772	373,471	442,289	495,518	394,976	380,953	-3.6
January	302,229	316,688	190,477	228,194	297,184	308,059	3.7
February	207,331	240,601	181,029	163,817	220,437	205,012	-7.0
March	207,766	221,057	85,323	142,613	200,265	211,841	5.8
<b>Total Rabi</b>	<b>1,728,890</b>	<b>1,721,690</b>	<b>1,526,556</b>	<b>1,807,423</b>	<b>1,781,266</b>	<b>1,726,930</b>	<b>-3.1</b>
<b>% change</b>		<b>-0.4</b>	<b>-11.3</b>	<b>18.4</b>	<b>-1.4</b>	<b>-3.1</b>	
April	141,856	195,658	139,710	154,073	212,883	178,919	-16.0
May	234,762	248,943	160,858	280,818	264,057	340,029	28.8
June	275,268	315,650	292,593	568,346	330,931	337,156	1.9
<b>FY Total</b>	<b>3,184,530</b>	<b>3,308,648</b>	<b>2,671,900</b>	<b>3,729,778</b>	<b>3,434,818</b>	<b>3,407,676</b>	<b>-0.8</b>
<b>% change</b>		<b>3.9</b>	<b>-19.2</b>	<b>39.6</b>	<b>-7.9</b>	<b>-0.8</b>	

**MONTH-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018,  
RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS / SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months / seasons / years
<b>PHOSPHATE</b>							
April	26,940	26,755	40,542	63,459	57,410	45,473	-20.8
May	46,170	63,476	67,757	65,690	43,496	39,691	-8.7
June	78,954	36,215	62,570	28,802	77,672	93,854	20.8
July	45,302	76,295	46,552	111,476	144,554	154,683	7.0
August	48,096	67,987	21,009	73,201	49,470	45,397	-8.2
September	92,300	59,925	7,353	59,044	170,969	97,060	-43.2
<b>Total Kharif</b>	<b>337,763</b>	<b>330,653</b>	<b>245,783</b>	<b>401,672</b>	<b>543,571</b>	<b>476,158</b>	<b>-12.4</b>
<b>% change</b>		<b>-2.1</b>	<b>-25.7</b>	<b>63.4</b>	<b>35.3</b>	<b>-12.4</b>	
October	150,439	162,756	275,295	246,032	203,153	257,695	26.8
November	206,522	207,620	278,005	322,319	248,453	133,972	-46.1
December	91,462	114,794	79,515	97,476	81,825	95,224	16.4
January	20,697	42,886	42,898	39,698	55,243	50,489	-8.6
February	53,952	37,996	43,596	56,308	67,357	29,231	-56.6
March	45,676	33,858	55,152	84,765	78,565	37,681	-52.0
<b>Total Rabi</b>	<b>568,748</b>	<b>599,910</b>	<b>774,461</b>	<b>846,598</b>	<b>734,596</b>	<b>604,292</b>	<b>-17.7</b>
<b>% change</b>		<b>5.5</b>	<b>29.1</b>	<b>9.3</b>	<b>-13.2</b>	<b>-17.7</b>	
April	26,755	40,542	63,459	57,410	45,473	54,835	20.6
May	63,476	67,757	65,690	43,496	39,691	116,228	192.8
June	36,215	62,570	28,802	77,672	93,854	80,847	-13.9
<b>FY Total</b>	<b>880,892</b>	<b>974,986</b>	<b>1,007,326</b>	<b>1,268,897</b>	<b>1,278,607</b>	<b>1,153,342</b>	<b>-9.8</b>
<b>% change</b>		<b>10.7</b>	<b>3.3</b>	<b>26.0</b>	<b>0.8</b>	<b>-9.8</b>	
<b>POTASH</b>							
April	829	2,282	1,689	1,858	3,201	2,109	-34.1
May	1,161	2,667	2,720	1,251	3,622	2,362	-34.8
June	2,210	1,304	3,726	535	1,964	1,667	-15.1
July	1,504	1,890	887	1,862	3,646	6,189	69.7
August	1,338	1,844	515	1,575	3,234	3,591	11.0
September	2,523	3,784	1,096	5,252	7,966	10,035	26.0
<b>Total Kharif</b>	<b>9,565</b>	<b>13,771</b>	<b>10,633</b>	<b>12,333</b>	<b>23,633</b>	<b>25,953</b>	<b>9.8</b>
<b>% change</b>		<b>44.0</b>	<b>-22.8</b>	<b>16.0</b>	<b>91.6</b>	<b>9.8</b>	
October	3,443	3,282	4,112	4,825	7,762	6,444	-17.0
November	1,503	3,077	1,888	3,589	5,875	3,686	-37.3
December	1,089	3,406	1,211	1,513	2,870	4,279	49.1
January	769	1,598	791	2,946	3,884	3,059	-21.2
February	2,684	2,155	2,929	5,959	3,860	3,780	-2.1
March	2,560	3,694	2,974	5,128	4,699	4,601	-2.1
<b>Total Rabi</b>	<b>12,048</b>	<b>17,212</b>	<b>13,905</b>	<b>23,960</b>	<b>28,950</b>	<b>25,849</b>	<b>-10.7</b>
<b>% change</b>		<b>42.9</b>	<b>-19.2</b>	<b>72.3</b>	<b>20.8</b>	<b>-10.7</b>	
April	2,282	1,689	1,858	3,201	2,109	3,283	55.7
May	2,667	2,720	1,251	3,622	2,362	1,929	-18.3
June	1,304	3,726	535	1,964	1,667	2,498	49.9
<b>FY Total</b>	<b>23,666</b>	<b>32,865</b>	<b>20,047</b>	<b>41,436</b>	<b>49,934</b>	<b>53,374</b>	<b>6.9</b>
<b>% change</b>		<b>38.9</b>	<b>-39.0</b>	<b>106.7</b>	<b>20.5</b>	<b>6.9</b>	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018,  
RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

(Tonnes)

MONTHS / SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months / seasons / years
<b>PUNJAB</b>							
<b>TOTAL</b>							
April	136,477	121,393	148,841	121,913	141,975	174,193	22.7
May	188,999	184,889	207,383	128,876	220,367	194,552	-11.7
June	273,069	203,176	257,936	220,058	459,361	297,716	-35.2
July	193,023	241,717	184,360	328,359	240,934	342,392	42.1
August	205,460	279,064	155,074	272,518	343,491	202,549	-41.0
September	265,859	200,039	69,059	166,364	255,223	239,152	-6.3
<b>Total Kharif</b>	<b>1,262,887</b>	<b>1,230,278</b>	<b>1,022,653</b>	<b>1,238,088</b>	<b>1,661,351</b>	<b>1,450,554</b>	<b>-12.7</b>
% change		-2.6	-16.9	21.1	34.2	-12.7	
October	310,150	304,600	352,505	381,589	327,947	413,197	26.0
November	384,446	365,976	478,795	602,609	452,342	305,262	-32.5
December	339,112	354,680	384,607	428,517	352,785	324,174	-8.1
January	235,195	262,697	142,337	188,707	251,691	255,152	1.4
February	172,396	198,210	169,252	151,518	216,409	162,621	-24.9
March	188,689	167,600	95,763	155,989	208,333	184,099	-11.6
<b>Total Rabi</b>	<b>1,629,988</b>	<b>1,653,763</b>	<b>1,623,259</b>	<b>1,908,929</b>	<b>1,809,507</b>	<b>1,644,505</b>	<b>-9.1</b>
% change		1.5	-1.8	17.6	-5.2	-9.1	
April	121,393	148,841	121,913	141,975	174,193	154,077	-11.5
May	184,889	207,383	128,876	220,367	194,552	302,238	55.4
June	203,176	257,936	220,058	459,361	297,716	287,842	-3.3
<b>FY Total</b>	<b>2,803,788</b>	<b>2,988,743</b>	<b>2,502,599</b>	<b>3,497,873</b>	<b>3,315,616</b>	<b>3,172,755</b>	<b>-4.3</b>
% change		6.6	-16.3	39.8	-5.2	-4.3	
<b>NITROGEN</b>							
April	119,536	100,471	124,985	83,586	102,305	144,174	40.9
May	157,375	140,617	160,037	93,074	189,547	164,709	-13.1
June	212,076	177,013	210,812	197,621	397,078	225,892	-43.1
July	159,635	185,085	151,124	250,444	145,730	222,650	52.8
August	172,598	228,286	143,153	216,264	306,970	169,675	-44.7
September	194,029	150,655	63,581	123,401	116,103	158,001	36.1
<b>Total Kharif</b>	<b>1,015,249</b>	<b>982,127</b>	<b>853,692</b>	<b>964,390</b>	<b>1,257,733</b>	<b>1,085,101</b>	<b>-13.7</b>
% change		-3.3	-13.1	13.0	30.4	-13.7	
October	198,289	178,499	143,578	191,881	173,600	226,187	30.3
November	244,175	210,902	274,831	355,738	267,924	207,149	-22.7
December	267,656	263,639	318,859	352,769	290,463	253,180	-12.8
January	219,209	227,626	115,328	155,189	205,487	219,164	6.7
February	138,890	169,211	133,143	107,304	161,898	139,900	-13.6
March	151,698	142,254	53,768	94,994	150,604	154,001	2.3
<b>Total Rabi</b>	<b>1,219,917</b>	<b>1,192,131</b>	<b>1,039,507</b>	<b>1,257,875</b>	<b>1,249,976</b>	<b>1,199,581</b>	<b>-4.0</b>
% change		-2.3	-12.8	21.0	-0.6	-4.0	
April	100,471	124,985	83,586	102,305	144,174	118,874	-17.5
May	140,617	160,037	93,074	189,547	164,709	228,224	38.6
June	177,013	210,812	197,621	397,078	225,892	226,378	0.2
<b>FY Total</b>	<b>2,164,280</b>	<b>2,251,991</b>	<b>1,771,646</b>	<b>2,536,914</b>	<b>2,353,554</b>	<b>2,323,383</b>	<b>-1.3</b>
% change		4.1	-21.3	43.2	-7.2	-1.3	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months / seasons / years
<b>PHOSPHATE</b>							
April	16,417	19,174	22,875	36,937	37,631	28,865	-23.3
May	30,898	42,458	45,685	34,979	27,999	28,030	0.1
June	59,139	25,296	44,324	22,116	60,653	70,388	16.1
July	32,201	55,171	32,579	76,488	92,282	114,666	24.3
August	32,026	49,772	11,657	55,274	34,146	30,076	-11.9
September	69,782	46,402	4,800	38,370	133,181	73,510	-44.8
<b>Total Kharif</b>	<b>240,464</b>	<b>238,273</b>	<b>161,920</b>	<b>264,164</b>	<b>385,892</b>	<b>345,535</b>	<b>-10.5</b>
% change		-0.9	-32.0	63.1	46.1	-10.5	
October	109,303	123,688	206,202	185,642	147,978	182,007	23.0
November	139,313	152,839	203,094	244,478	180,030	95,531	-46.9
December	70,723	88,308	65,007	74,880	59,800	68,097	13.9
January	15,483	33,799	26,452	31,045	43,231	33,832	-21.7
February	31,627	27,627	33,880	39,526	51,947	20,115	-61.3
March	35,377	23,219	40,284	57,907	54,926	27,578	-49.8
<b>Total Rabi</b>	<b>401,826</b>	<b>449,480</b>	<b>574,919</b>	<b>633,478</b>	<b>537,912</b>	<b>427,160</b>	<b>-20.6</b>
% change		11.9	27.9	10.2	-15.1	-20.6	
April	19,174	22,875	36,937	37,631	28,865	32,738	13.4
May	42,458	45,685	34,979	27,999	28,030	72,588	159.0
June	25,296	44,324	22,116	60,653	70,388	59,645	-15.3
<b>FY Total</b>	<b>622,763</b>	<b>713,709</b>	<b>717,987</b>	<b>929,893</b>	<b>924,804</b>	<b>810,383</b>	<b>-12.4</b>
% change		14.6	0.6	29.5	-0.5	-12.4	
<b>POTASH</b>							
April	524	1,748	981	1,390	2,040	1,154	-43.4
May	726	1,814	1,662	823	2,822	1,723	-38.9
June	1,853	867	2,800	321	1,631	1,435	-12.0
July	1,187	1,460	657	1,427	2,922	5,076	73.7
August	836	1,006	264	980	2,375	2,798	17.8
September	2,048	2,981	677	4,593	5,939	7,641	28.7
<b>Total Kharif</b>	<b>7,174</b>	<b>9,876</b>	<b>7,041</b>	<b>9,534</b>	<b>17,729</b>	<b>19,827</b>	<b>11.8</b>
% change		37.7	-28.7	35.4	86.0	11.8	
October	2,558	2,413	2,725	4,066	6,370	5,003	-21.5
November	958	2,235	871	2,394	4,388	2,581	-41.2
December	732	2,733	741	868	2,522	2,896	14.8
January	503	1,272	557	2,474	2,974	2,156	-27.5
February	1,880	1,372	2,229	4,688	2,565	2,607	1.6
March	1,614	2,127	1,711	3,088	2,804	2,520	-10.1
<b>Total Rabi</b>	<b>8,245</b>	<b>12,152</b>	<b>8,834</b>	<b>17,578</b>	<b>21,623</b>	<b>17,763</b>	<b>-17.9</b>
% change		47.4	-27.3	99.0	23.0	-17.9	
April	1,748	981	1,390	2,040	1,154	2,466	113.7
May	1,814	1,662	823	2,822	1,723	1,426	-17.2
June	867	2,800	321	1,631	1,435	1,819	26.8
<b>FY Total</b>	<b>16,745</b>	<b>23,042</b>	<b>12,966</b>	<b>31,071</b>	<b>37,171</b>	<b>38,989</b>	<b>4.9</b>
% change		37.6	-43.7	139.6	19.6	4.9	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

							(Tonnes)
MONTHS/ SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months / seasons / years
<b>SINDH</b>							
<b>TOTAL</b>							
April	27,960	22,393	55,955	56,042	52,267	64,407	23.2
May	83,293	85,956	87,807	76,105	80,875	90,674	12.1
June	82,255	85,120	97,487	79,427	154,499	102,508	-33.7
July	66,971	77,531	80,846	164,045	109,518	114,541	4.6
August	83,612	91,521	65,183	89,949	133,596	63,713	-52.3
September	86,002	63,659	26,229	57,698	60,869	108,002	77.4
<b>Total Kharif</b>	<b>430,093</b>	<b>426,180</b>	<b>413,507</b>	<b>523,266</b>	<b>591,624</b>	<b>543,845</b>	<b>-8.1</b>
% change		-0.9	-3.0	26.5	13.1	-8.1	
October	96,698	80,226	115,162	111,386	121,675	144,945	19.1
November	131,898	123,429	181,257	181,883	157,986	98,420	-37.7
December	96,044	106,202	118,939	129,765	102,546	124,246	21.2
January	62,814	74,169	78,845	58,081	82,300	83,773	1.8
February	70,475	58,435	43,347	52,952	53,438	52,363	-2.0
March	35,110	59,027	25,886	52,441	46,834	44,126	-5.8
<b>Total Rabi</b>	<b>493,039</b>	<b>501,488</b>	<b>563,436</b>	<b>586,508</b>	<b>564,779</b>	<b>547,873</b>	<b>-3.0</b>
% change		1.7	12.4	4.1	-3.7	-3.0	
April	22,393	55,955	56,042	52,267	64,407	58,565	-9.1
May	85,956	87,807	76,105	80,875	90,674	123,867	36.6
June	85,120	97,487	79,427	154,499	102,508	106,435	3.8
<b>FY Total</b>	<b>923,093</b>	<b>975,448</b>	<b>947,268</b>	<b>1,185,841</b>	<b>1,126,351</b>	<b>1,122,996</b>	<b>-0.3</b>
% change		5.7	-2.9	25.2	-5.0	-0.3	
<b>NITROGEN</b>							
April	19,994	16,886	43,316	38,508	36,533	50,431	38.0
May	72,743	68,682	71,739	52,433	69,589	80,984	16.4
June	71,692	77,571	84,056	74,205	141,072	84,412	-40.2
July	58,179	61,930	69,772	135,265	68,818	83,082	20.7
August	72,288	79,450	58,072	77,138	121,506	50,747	-58.2
September	70,471	56,240	23,945	44,930	35,430	89,793	153.4
<b>Total Kharif</b>	<b>365,367</b>	<b>360,759</b>	<b>350,900</b>	<b>422,479</b>	<b>472,948</b>	<b>439,449</b>	<b>-7.1</b>
% change		-1.3	-2.7	20.4	11.9	-7.1	
October	69,361	53,331	58,804	64,837	79,420	82,464	3.8
November	78,623	79,251	118,182	117,838	102,506	67,820	-33.8
December	80,257	86,486	106,610	113,383	85,373	103,321	21.0
January	59,637	68,165	63,428	53,261	72,765	70,025	-3.8
February	50,664	51,192	36,271	40,157	41,168	46,223	12.3
March	28,538	52,466	15,166	30,211	29,286	36,178	23.5
<b>Total Rabi</b>	<b>367,080</b>	<b>390,891</b>	<b>398,461</b>	<b>419,687</b>	<b>410,518</b>	<b>406,031</b>	<b>-1.1</b>
% change		6.5	1.9	5.3	-2.2	-1.1	
April	16,886	43,316	38,508	36,533	50,431	42,616	-15.5
May	68,682	71,739	52,433	69,589	80,984	87,503	8.0
June	77,571	84,056	74,205	141,072	84,412	90,052	6.7
<b>FY Total</b>	<b>731,157</b>	<b>787,622</b>	<b>715,396</b>	<b>924,214</b>	<b>852,099</b>	<b>849,824</b>	<b>-0.3</b>
% change		7.7	-9.2	29.2	-7.8	-0.3	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months/ seasons / years
<b>PHOSPHATE</b>							
April	7,746	5,199	12,214	17,271	14,962	13,428	-10.3
May	10,318	16,801	15,580	23,379	10,815	9,299	-14.0
June	10,311	7,165	12,879	5,121	13,183	17,958	36.2
July	8,502	15,333	10,894	28,451	40,046	30,755	-23.2
August	10,996	11,503	6,885	12,469	11,440	12,566	9.8
September	15,231	6,753	1,913	12,351	24,007	16,613	-30.8
<b>Total Kharif</b>	<b>63,104</b>	<b>62,754</b>	<b>60,365</b>	<b>99,042</b>	<b>114,453</b>	<b>100,619</b>	<b>-12.1</b>
% change		-0.6	-3.8	64.1	15.6	-12.1	
October	26,768	26,330	55,188	45,979	41,193	61,566	49.5
November	52,878	43,491	62,173	63,107	54,303	29,735	-45.2
December	15,529	19,179	11,943	15,886	16,927	19,815	17.1
January	3,025	5,844	15,323	4,670	8,997	13,261	47.4
February	19,237	6,749	6,633	12,089	11,556	5,569	-51.8
March	6,114	5,753	10,181	21,094	16,788	7,056	-58.0
<b>Total Rabi</b>	<b>123,551</b>	<b>107,346</b>	<b>161,441</b>	<b>162,825</b>	<b>149,764</b>	<b>137,002</b>	<b>-8.5</b>
% change		-13.1	50.4	0.9	-8.0	-8.5	
April	5,199	12,214	17,271	14,962	13,428	15,443	15.0
May	16,801	15,580	23,379	10,815	9,299	35,976	286.9
June	7,165	12,879	5,121	13,183	17,958	15,849	-11.7
<b>FY Total</b>	<b>187,445</b>	<b>181,608</b>	<b>226,904</b>	<b>255,056</b>	<b>265,942</b>	<b>264,204</b>	<b>-0.7</b>
% change		-3.1	24.9	12.4	4.3	-0.7	
<b>POTASH</b>							
April	220	308	424	262	773	548	-29.1
May	232	472	488	293	472	390	-17.4
June	252	384	552	101	245	138	-43.7
July	290	269	179	329	654	704	7.6
August	328	569	226	343	650	400	-38.5
September	300	666	370	418	1,432	1,596	11.5
<b>Total Kharif</b>	<b>1,622</b>	<b>2,668</b>	<b>2,239</b>	<b>1,746</b>	<b>4,226</b>	<b>3,776</b>	<b>-10.6</b>
% change		64.5	-16.1	-22.0	142.0	-10.6	
October	569	566	1,170	570	1,062	915	-13.8
November	396	687	902	938	1,177	866	-26.4
December	258	537	386	497	246	1,110	351.2
January	152	160	94	150	538	487	-9.5
February	574	494	444	706	714	572	-19.9
March	458	807	539	1,135	759	892	17.5
<b>Total Rabi</b>	<b>2,407</b>	<b>3,251</b>	<b>3,535</b>	<b>3,996</b>	<b>4,496</b>	<b>4,842</b>	<b>7.7</b>
% change		35.1	8.7	13.0	12.5	7.7	
April	308	424	262	773	548	506	-7.7
May	472	488	293	472	390	388	-0.5
June	384	552	101	245	138	533	286.2
<b>FY Total</b>	<b>4,489</b>	<b>6,219</b>	<b>4,966</b>	<b>6,576</b>	<b>8,308</b>	<b>8,969</b>	<b>8.0</b>
% change		38.5	-20.1	32.4	26.3	8.0	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months /seasons / years
<b>KP</b>							
<b>TOTAL</b>							
April	19,429	14,653	19,772	17,933	13,233	13,968	5.6
May	22,471	18,106	14,777	14,184	18,269	10,921	-40.2
June	23,312	16,341	17,892	14,602	21,414	14,306	-33.2
July	18,694	15,547	12,149	25,842	10,515	13,855	31.8
August	19,665	20,232	12,078	21,899	11,467	11,694	2.0
September	21,909	18,394	8,838	11,726	13,635	15,077	10.6
<b>Total Kharif</b>	<b>125,480</b>	<b>103,273</b>	<b>85,506</b>	<b>106,186</b>	<b>88,533</b>	<b>79,821</b>	<b>-9.8</b>
% change		-17.7	-17.2	24.2	-16.6	-9.8	
October	25,308	26,385	17,284	23,407	18,885	23,156	22.6
November	26,592	21,362	25,161	29,317	23,353	11,656	-50.1
December	18,211	22,243	13,744	18,381	12,472	15,117	21.2
January	17,164	15,869	9,191	10,635	12,448	15,043	20.8
February	11,237	15,823	12,297	13,915	13,101	12,917	-1.4
March	18,680	16,129	16,243	17,065	19,232	16,262	-15.4
<b>Total Rabi</b>	<b>117,192</b>	<b>117,811</b>	<b>93,920</b>	<b>112,720</b>	<b>99,491</b>	<b>94,151</b>	<b>-5.4</b>
% change		0.5	-20.3	20.0	-11.7	-5.4	
April	14,653	19,772	17,933	13,233	13,968	13,685	-2.0
May	18,106	14,777	14,184	18,269	10,921	17,434	59.6
June	16,341	17,892	14,602	21,414	14,306	12,058	-15.7
<b>FY Total</b>	<b>226,560</b>	<b>224,425</b>	<b>173,704</b>	<b>225,103</b>	<b>174,303</b>	<b>177,954</b>	<b>2.1</b>
% change		-0.9	-22.6	29.6	-22.6	2.1	
<b>NITROGEN</b>							
April	17,869	13,003	15,772	13,120	10,505	12,268	16.8
May	20,233	15,290	10,516	10,774	15,436	9,804	-36.5
June	17,284	13,257	14,356	13,396	19,508	11,004	-43.6
July	15,737	12,853	10,066	23,002	8,439	8,609	2.0
August	15,794	15,428	11,322	19,216	9,793	10,223	4.4
September	16,285	13,107	8,399	6,796	5,305	9,993	88.4
<b>Total Kharif</b>	<b>103,202</b>	<b>82,938</b>	<b>70,431</b>	<b>86,304</b>	<b>68,986</b>	<b>61,901</b>	<b>-10.3</b>
% change		-19.6	-15.1	22.5	-20.1	-10.3	
October	16,232	16,652	8,609	13,627	10,234	13,507	32.0
November	17,584	13,876	15,596	19,327	14,680	7,330	-50.1
December	14,268	16,615	11,669	13,886	9,864	12,765	29.4
January	15,427	13,524	8,262	8,741	10,161	12,888	26.8
February	9,573	13,433	9,457	10,155	10,231	10,552	3.1
March	14,873	12,022	12,542	12,384	13,190	13,590	3.0
<b>Total Rabi</b>	<b>87,957</b>	<b>86,122</b>	<b>66,135</b>	<b>78,120</b>	<b>68,360</b>	<b>70,632</b>	<b>3.3</b>
% change		-2.1	-23.2	18.1	-12.5	3.3	
April	13,003	15,772	13,120	10,505	12,268	10,664	-13.1
May	15,290	10,516	10,774	15,436	9,804	13,883	41.6
June	13,257	14,356	13,396	19,508	11,004	9,777	-11.2
<b>FY Total</b>	<b>177,323</b>	<b>168,154</b>	<b>133,212</b>	<b>172,583</b>	<b>124,973</b>	<b>133,781</b>	<b>7.0</b>
% change		-5.2	-20.8	29.6	-27.6	7.0	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months / seasons / years
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**PHOSPHATE**

April	1,516	1,489	3,843	4,718	2,533	1,405	-44.5
May	2,168	2,637	3,997	3,369	2,639	1,015	-61.5
June	6,008	3,073	3,271	1,167	1,876	3,264	74.0
July	2,943	2,587	2,037	2,789	2,029	4,999	146.4
August	3,790	4,612	755	2,494	1,582	1,155	-27.0
September	5,487	5,196	418	4,776	8,017	4,747	-40.8
<b>Total Kharif</b>	<b>21,912</b>	<b>19,594</b>	<b>14,321</b>	<b>19,313</b>	<b>18,676</b>	<b>16,585</b>	<b>-11.2</b>
% change		-10.6	-26.9	34.9	-3.3	-11.2	
October	8,957	9,564	8,518	9,729	8,526	9,327	9.4
November	8,961	7,413	9,526	9,817	8,483	4,225	-50.2
December	3,881	5,528	2,022	4,398	2,588	2,220	-14.2
January	1,666	2,217	891	1,667	2,028	1,862	-8.2
February	1,550	2,265	2,701	3,411	2,592	1,933	-25.4
March	3,398	3,525	3,180	3,973	5,067	1,625	-67.9
<b>Total Rabi</b>	<b>28,413</b>	<b>30,512</b>	<b>26,838</b>	<b>32,995</b>	<b>29,284</b>	<b>21,192</b>	<b>-27.6</b>
% change		7.4	-12.0	22.9	-11.2	-27.6	
April	1,489	3,843	4,718	2,533	1,405	2,799	99.2
May	2,637	3,997	3,369	2,639	1,015	3,494	244.2
June	3,073	3,271	1,167	1,876	3,264	2,197	-32.7
<b>FY Total</b>	<b>47,832</b>	<b>54,018</b>	<b>39,302</b>	<b>50,102</b>	<b>46,596</b>	<b>40,583</b>	<b>-12.9</b>
% change		12.9	-27.2	27.5	-7.0	-12.9	

**POTASH**

April	43	160	158	95	196	295	50.5
May	70	179	264	41	194	102	-47.4
June	20	12	265	39	31	39	25.8
July	15	107	46	53	48	247	414.6
August	81	192	1	189	92	317	244.6
September	136	91	22	154	312	338	8.3
<b>Total Kharif</b>	<b>365</b>	<b>741</b>	<b>756</b>	<b>571</b>	<b>873</b>	<b>1,338</b>	<b>53.3</b>
% change		102.8	2.0	-24.5	52.9	53.3	
October	119	168	156	51	124	322	159.7
November	47	74	39	173	190	101	-46.8
December	62	100	53	96	19	132	594.7
January	71	129	38	226	260	293	12.7
February	114	125	139	348	278	432	55.4
March	410	582	520	709	975	1,047	7.4
<b>Total Rabi</b>	<b>823</b>	<b>1,178</b>	<b>945</b>	<b>1,603</b>	<b>1,846</b>	<b>2,327</b>	<b>26.1</b>
% change		43.1	-19.8	69.6	15.2	26.1	
April	160	158	95	196	295	222	-24.7
May	179	264	41	194	102	56	-45.1
June	12	265	39	31	39	84	115.4
<b>FY Total</b>	<b>1,406</b>	<b>2,255</b>	<b>1,189</b>	<b>2,420</b>	<b>2,734</b>	<b>3,591</b>	<b>31.3</b>
% change		60.4	-47.3	103.5	13.0	31.3	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018,  
RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

(Tonnes)

MONTHS / SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months / seasons / years
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## BALOCHISTAN

## TOTAL

April	9,758	12,454	13,321	9,140	7,208	7,868	9.2
May	15,269	11,954	9,453	8,635	8,210	9,964	21.4
June	11,305	8,150	8,632	7,843	12,661	11,921	-5.8
July	12,363	10,330	5,890	14,970	20,426	12,480	-38.9
August	9,853	11,107	8,472	10,571	14,114	7,382	-47.7
September	11,407	9,290	1,418	7,586	11,674	10,760	-7.8
<b>Total Kharif</b>	<b>69,955</b>	<b>63,285</b>	<b>47,186</b>	<b>58,745</b>	<b>74,293</b>	<b>60,375</b>	<b>-18.7</b>
% change		-9.5	-25.4	24.5	26.5	-18.7	

October	14,471	13,008	8,620	9,940	14,002	12,823	-8.4
November	15,135	11,623	7,953	13,913	17,406	13,377	-23.1
December	7,956	8,546	5,724	17,843	11,870	16,920	42.5
January	8,522	8,337	3,793	13,414	9,852	7,602	-22.8
February	9,859	8,284	2,658	7,699	8,642	10,024	16.0
March	13,522	15,795	5,557	7,011	8,995	9,537	6.0
<b>Total Rabi</b>	<b>69,465</b>	<b>65,593</b>	<b>34,305</b>	<b>69,820</b>	<b>70,767</b>	<b>70,283</b>	<b>-0.7</b>
% change		-5.6	-47.7	103.5	1.4	-0.7	

April	12,454	13,321	9,140	7,208	7,868	10,553	34.1
May	11,954	9,453	8,635	8,210	9,964	14,587	46.4
June	8,150	8,632	7,843	12,661	11,921	14,167	18.8
<b>FY Total</b>	<b>135,646</b>	<b>127,726</b>	<b>75,703</b>	<b>131,026</b>	<b>146,734</b>	<b>140,212</b>	<b>-4.4</b>
% change		-5.8	-40.7	73.1	12.0	-4.4	

## NITROGEN

April	8,466	11,496	11,584	4,496	4,731	5,980	26.4
May	12,350	10,173	6,651	4,578	6,142	8,470	37.9
June	7,724	7,427	6,427	7,371	10,665	9,623	-9.8
July	10,694	7,072	4,843	11,168	10,208	8,055	-21.1
August	8,475	8,929	6,735	7,543	11,723	5,704	-51.3
September	9,569	7,672	1,170	3,952	5,628	8,109	44.1
<b>Total Kharif</b>	<b>57,278</b>	<b>52,769</b>	<b>37,410</b>	<b>39,108</b>	<b>49,097</b>	<b>45,941</b>	<b>-6.4</b>
% change		-7.9	-29.1	4.5	25.5	-6.4	

October	8,864	9,699	3,173	5,120	8,366	7,831	-6.4
November	9,664	7,664	4,664	8,912	11,649	8,764	-24.8
December	6,590	6,731	5,151	15,480	9,276	11,687	26.0
January	7,956	7,373	3,459	11,003	8,759	5,963	-31.9
February	8,205	6,765	2,158	6,200	7,108	8,273	16.4
March	12,658	14,257	3,847	5,025	7,083	8,015	13.2
<b>Total Rabi</b>	<b>53,937</b>	<b>52,489</b>	<b>22,452</b>	<b>51,740</b>	<b>52,241</b>	<b>50,533</b>	<b>-3.3</b>
% change		-2.7	-57.2	130.4	1.0	-3.3	

April	11,496	11,584	4,496	4,731	5,980	6,688	11.8
May	10,173	6,651	4,578	6,142	8,470	10,372	22.5
June	7,427	6,427	7,371	10,665	9,623	10,950	13.8
<b>FY Total</b>	<b>111,771</b>	<b>100,824</b>	<b>51,645</b>	<b>95,941</b>	<b>103,873</b>	<b>100,411</b>	<b>-3.3</b>
% change		-9.8	-48.8	85.8	8.3	-3.3	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2018,  
RABI 2018-19 AND FINANCIAL YEAR 2018-19 COMPARED WITH PREVIOUS SEASONS / YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 and Fiscal Year 2018-19 over previous months / seasons / years
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**PHOSPHATE**

April	1,261	893	1,610	4,533	2,285	1,776	-22.3
May	2,785	1,580	2,495	3,965	1,933	1,347	-30.3
June	3,496	681	2,096	399	1,938	2,243	15.7
July	1,656	3,205	1,043	3,748	10,196	4,263	-58.2
August	1,284	2,100	1,712	2,965	2,274	1,601	-29.6
September	1,799	1,573	221	3,547	5,763	2,191	-62.0
<b>Total Kharif</b>	<b>12,281</b>	<b>10,032</b>	<b>9,177</b>	<b>19,157</b>	<b>24,389</b>	<b>13,421</b>	<b>-45.0</b>
% change		-18.3	-8.5	108.8	27.3	-45.0	

October	5,411	3,174	5,386	4,683	5,429	4,788	-11.8
November	5,370	3,877	3,212	4,918	5,638	4,474	-20.6
December	1,329	1,780	542	2,311	2,510	5,091	102.8
January	523	1,027	231	2,316	981	1,517	54.6
February	1,538	1,355	383	1,282	1,230	1,581	28.5
March	787	1,360	1,506	1,791	1,751	1,380	-21.2
<b>Total Rabi</b>	<b>14,958</b>	<b>12,573</b>	<b>11,260</b>	<b>17,301</b>	<b>17,539</b>	<b>18,831</b>	<b>7.4</b>
% change		-15.9	-10.4	53.7	1.4	7.4	

April	893	1,610	4,533	2,285	1,776	3,776	112.6
May	1,580	2,495	3,965	1,933	1,347	4,157	208.6
June	681	2,096	399	1,938	2,243	3,156	40.7
<b>FY Total</b>	<b>22,851</b>	<b>25,652</b>	<b>23,133</b>	<b>33,717</b>	<b>41,138</b>	<b>37,975</b>	<b>-7.7</b>
% change		12.3	-9.8	45.8	22.0	-7.7	

**POTASH**

April	31	66	126	111	193	112	-42.0
May	133	202	307	94	135	148	9.6
June	85	42	109	74	58	55	-5.2
July	13	54	4	55	22	162	636.4
August	94	78	25	64	117	78	-33.3
September	39	45	26	87	283	461	62.9
<b>Total Kharif</b>	<b>395</b>	<b>487</b>	<b>597</b>	<b>485</b>	<b>808</b>	<b>1,016</b>	<b>25.7</b>
% change		23.2	22.6	-18.8	66.6	25.7	

October	197	135	61	138	206	204	-1.0
November	101	82	77	84	119	139	16.8
December	37	36	31	52	83	142	71.1
January	43	37	102	95	112	123	9.8
February	116	164	117	217	304	170	-44.1
March	77	178	203	196	161	142	-11.8
<b>Total Rabi</b>	<b>571</b>	<b>632</b>	<b>591</b>	<b>782</b>	<b>985</b>	<b>920</b>	<b>-6.6</b>
% change		10.7	-6.5	32.3	26.0	-6.6	

April	66	126	111	193	112	89	-20.5
May	202	307	94	135	148	59	-60.1
June	42	109	74	58	55	62	12.7
<b>FY Total</b>	<b>1,027</b>	<b>1,351</b>	<b>925</b>	<b>1,374</b>	<b>1,722</b>	<b>1,831</b>	<b>6.3</b>
% change		31.5	-31.5	48.5	25.3	6.3	

## MONTH-WISE PRODUCT-WISE OFFTAKE DURING 2017-18 AND 2018-19

(2017-18)

(Tonnes)

PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN	TOTAL
<b>PRODUCT TONNES</b>														
UREA	IMPORTED	46,338	64,791	30,383	6,743	9,226	1,337	-	-	-	0	0	-	158,818
UREA	FFC	179,671	454,749	76,608	235,566	355,129	435,037	236,674	183,377	240,368	232,039	317,811	271,506	3,218,535
UREA	DHCL	5,115	7,040	-	1,383	8,257	5,376	-	-	-	-	-	-	27,171
UREA	PAK-ARAB	-	227	223	20	315	1,619	1,187	1,520	90	262	368	458	6,289
UREA	EFERT	74,134	274,802	65,392	125,268	194,760	185,364	262,052	145,345	89,833	115,036	136,842	245,232	1,914,060
UREA	Agri Tech Limited (PAFL)	13,969	32,848	6,988	2,617	2,044	4,459	3,239	1,774	-	-	-	-	67,938
UREA	Fatima Fertilizer	19,775	50,401	219	3,789	31,940	82,493	36,064	37,998	11,802	28,122	38,787	90,913	432,303
<b>UREA</b>	<b>TOTAL</b>	<b>339,002</b>	<b>884,858</b>	<b>179,813</b>	<b>375,386</b>	<b>601,671</b>	<b>715,685</b>	<b>539,216</b>	<b>370,014</b>	<b>342,093</b>	<b>375,459</b>	<b>493,808</b>	<b>608,109</b>	<b>5,825,114</b>
NP	Imported	-	0	0	-	-	-	-	-	-	-	-	-	-
NP	PAK-ARAB	4,060	24,386	7,405	17,650	4,590	6,590	3,889	1,118	1,522	373	5,824	300	77,707
NP	EFERT	9,616	3,703	3,499	3,703	4,519	9,652	2,901	1,928	6,066	5,699	6,964	3,918	62,168
NP	Fatima Fertilizer	34,881	24,312	17,914	63,155	47,862	35,698	43,905	33,831	23,430	53,746	32,276	21,177	432,187
<b>NP</b>	<b>TOTAL</b>	<b>48,557</b>	<b>52,401</b>	<b>28,818</b>	<b>84,508</b>	<b>56,971</b>	<b>51,940</b>	<b>50,695</b>	<b>36,877</b>	<b>31,018</b>	<b>59,818</b>	<b>45,064</b>	<b>25,395</b>	<b>572,062</b>
SSP	Imported	43	11	22	1,990	1,911	285	238	550	1,888	573	1,147	784	9,442
SSP	LCFL	-	-	25	200	342	-	-	-	-	-	-	-	567
SSP	Agri Tech Limited (PAFL)	8,292	2,550	3,810	13,347	13,973	2,100	1,958	3,024	2,683	3,185	3,803	4,606	63,331
SSP	Suraj Fertilizer	892	280	2,038	4,178	6,561	1,012	1,570	1,163	1,103	1,097	1,758	857	22,509
SSP	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SSP</b>	<b>TOTAL</b>	<b>9,227</b>	<b>2,841</b>	<b>5,895</b>	<b>19,715</b>	<b>22,787</b>	<b>3,397</b>	<b>3,766</b>	<b>4,737</b>	<b>5,674</b>	<b>4,855</b>	<b>6,708</b>	<b>6,247</b>	<b>95,849</b>
DAP	IMPORTED	226,311	56,936	269,210	241,361	308,211	84,277	61,196	81,518	80,292	48,669	54,977	151,221	1,664,179
DAP	FFC-SONA	56,805	20,831	84,416	145,734	193,585	66,199	31,013	40,913	69,864	20,131	7,536	38,677	775,704
<b>DAP</b>	<b>TOTAL</b>	<b>283,116</b>	<b>77,767</b>	<b>353,626</b>	<b>387,095</b>	<b>501,796</b>	<b>150,476</b>	<b>92,209</b>	<b>122,431</b>	<b>150,156</b>	<b>68,800</b>	<b>62,513</b>	<b>189,898</b>	<b>2,439,883</b>
CAN	PAK-ARAB	6,619	50	17,641	15,086	23,640	23,388	2,896	4,779	9,413	5,386	9,083	18,822	136,803
CAN	Fatima Fertilizer	47,617	56,394	16,072	18,065	37,678	78,141	74,089	65,343	19,562	48,148	48,639	23,813	533,561
<b>CAN</b>	<b>TOTAL</b>	<b>54,236</b>	<b>56,444</b>	<b>33,713</b>	<b>33,151</b>	<b>61,318</b>	<b>101,529</b>	<b>76,985</b>	<b>70,122</b>	<b>28,975</b>	<b>53,534</b>	<b>57,722</b>	<b>42,635</b>	<b>670,364</b>
TSP	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	-
SOP	IMPORTED	2,080	2,111	6,823	6,776	6,092	3,592	3,209	2,985	2,864	1,032	1,677	1,497	40,738
MAP	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	-
MOP	IMPORTED	2,077	1,872	6,694	4,439	4,074	1,714	2,964	1,419	3,075	1,243	1,514	1,117	32,202
NPKs	EFERT	7,601	5,979	3,091	9,597	2,307	278	2,898	8,517	7,704	5,010	3,472	1,394	57,848
NPKs	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
AS	IMPORTED	199	6,776	1,384	743	1,254	1,362	1,903	1,751	796	408	1,416	879	18,871
	<b>GRAND TOTAL</b>	<b>746,095</b>	<b>1,091,049</b>	<b>619,857</b>	<b>921,410</b>	<b>1,258,270</b>	<b>1,029,973</b>	<b>773,845</b>	<b>618,853</b>	<b>572,355</b>	<b>570,159</b>	<b>673,894</b>	<b>877,171</b>	<b>9,752,931</b>

## MONTH-WISE PRODUCT-WISE OFFTAKE DURING 2017-18 AND 2018-19

(2018-19)

(Tonnes)

PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN.	TOTAL
<b>PRODUCT TONNES</b>														
UREA	IMPORTED	-	-	-	-	-	23,664	70,683	10,779	-	-	-	-	105,126
UREA	FFC	263,258	224,607	296,453	248,674	248,169	325,693	198,559	180,315	204,784	116,925	350,298	346,189	3,003,924
UREA	DHCL	-	-	-	14,420	42,425	50,072	28,303	16,460	16,995	10,141	35,780	66,609	281,205
UREA	PAK-ARAB	458	-	10	22	60	216	-	-	-	-	-	-	766
UREA	EFERT	172,008	165,064	168,395	143,326	139,400	211,836	160,671	130,669	147,119	141,292	141,161	175,648	1,896,589
UREA	Agri Tech Limited (PAFL)	60	-	3,350	20,247	32,825	39,491	25,010	14,056	27,068	9,396	29,617	28,928	230,048
UREA	Fatima Fertilizer	60,850	41,025	14,209	38,382	34,044	59,918	80,426	35,918	12,495	14,671	35,669	25,203	452,810
<b>UREA</b>	<b>TOTAL</b>	<b>496,634</b>	<b>430,696</b>	<b>482,417</b>	<b>465,071</b>	<b>496,923</b>	<b>710,890</b>	<b>563,652</b>	<b>388,197</b>	<b>408,461</b>	<b>292,425</b>	<b>592,525</b>	<b>642,577</b>	<b>5,970,468</b>
NP	Imported	-	-	-	-	3,560	4,340	309	1,032	285	225	60	25	9,837
NP	PAK-ARAB	13	-	-	-	-	8	-	-	-	0	-	300	321
NP	EFERT	7,140	349	189	4,833	4,397	10,282	4,846	1,661	2,691	3,091	9,775	6,827	56,081
NP	Fatima Fertilizer	49,018	32,817	7,062	42,171	23,346	15,109	48,800	13,274	14,237	61,404	58,007	18,294	383,539
<b>NP</b>	<b>TOTAL</b>	<b>56,171</b>	<b>33,166</b>	<b>7,251</b>	<b>47,004</b>	<b>31,303</b>	<b>29,739</b>	<b>53,955</b>	<b>15,967</b>	<b>17,213</b>	<b>64,720</b>	<b>67,842</b>	<b>25,446</b>	<b>449,778</b>
SSP	Imported	4312	1,084	1,163	3,458	1,652	745	801	369	2,334	1,360	1,773	3,722	22,773
SSP	LCFL	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	Agri Tech Limited (PAFL)	4,656	1,382	6,090	15,091	15,855	4,416	2,560	2,140	2,182	1,714	90	1,991	58,167
SSP	Suraj Fertilizer	863	290	2,446	5,499	4,875	987	966	347	520	783	1,278	1,603	20,457
SSP	Safi Chemicals	-	-	-	-	-	-	-	133	474	-	-	-	607
<b>SSP</b>	<b>TOTAL</b>	<b>9,831</b>	<b>2,756</b>	<b>9,699</b>	<b>24,048</b>	<b>22,382</b>	<b>6,148</b>	<b>4,327</b>	<b>2,989</b>	<b>5,510</b>	<b>3,857</b>	<b>3,141</b>	<b>7,316</b>	<b>102,004</b>
DAP	IMPORTED	180631	62,003	125,754	417,977	177,991	111,747	63,371	37,030	50,230	60,656	135,903	96,377	1,519,670
DAP	FFC-SONA	121,159	17,064	73,191	103,272	86,595	77,298	11,250	11,503	15,245	25,514	77,121	61,366	680,578
<b>DAP</b>	<b>TOTAL</b>	<b>301,790</b>	<b>79,067</b>	<b>198,945</b>	<b>521,249</b>	<b>264,586</b>	<b>189,045</b>	<b>74,621</b>	<b>48,533</b>	<b>65,475</b>	<b>86,170</b>	<b>213,024</b>	<b>157,743</b>	<b>2,200,248</b>
CAN	PAK-ARAB	27,887	13,526	6,542	4,064	1,972	4,725	766	1,690	1,414	2,673	250	34	65,543
CAN	Fatima Fertilizer	71,372	44,385	11,907	30,896	21,290	40,003	77,497	44,369	20,529	46,024	45,301	21,682	475,255
<b>CAN</b>	<b>TOTAL</b>	<b>99,259</b>	<b>57,911</b>	<b>18,449</b>	<b>34,960</b>	<b>23,262</b>	<b>44,728</b>	<b>78,263</b>	<b>46,059</b>	<b>21,943</b>	<b>48,697</b>	<b>45,551</b>	<b>21,716</b>	<b>540,798</b>
TSP	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	-
SOP	Domestic	-	-	-	-	-	-	-	-	-	417	473	5	895
SOP	IMPORTED	4,987	3,008	8,839	4,109	2,324	5,821	2,142	2,849	3,271	1,850	1,136	1349	41,686
<b>SOP</b>	<b>TOTAL</b>	<b>4,987</b>	<b>3,008</b>	<b>8,839</b>	<b>4,109</b>	<b>2,324</b>	<b>5,821</b>	<b>2,142</b>	<b>2,849</b>	<b>3,271</b>	<b>2,267</b>	<b>1,609</b>	<b>1,354</b>	<b>42,581</b>
MAP	IMPORTED	-	-	-	-	-	-	4,334	2,808	1,362	865	6,210	1,858	17,437
MOP	IMPORTED	4,439	2,133	6,360	3,635	2,740	1,864	2,205	1,956	1,490	2,022	653	1,762	31,259
NPks	EFERT	5,811	4,603	10,193	12,320	4,998	1,397	3,851	6,577	11,064	5,376	4,094	4,259	74,543
NPks	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
AS	IMPORTED	752	3,239	2,125	4,965	4,652	6,199	7,310	4,120	4,330	5,759	5,696	5,920	55,067
	<b>GRAND TOTAL</b>	<b>979,674</b>	<b>616,579</b>	<b>744,278</b>	<b>1,117,361</b>	<b>853,171</b>	<b>995,831</b>	<b>794,660</b>	<b>520,056</b>	<b>540,119</b>	<b>512,158</b>	<b>940,345</b>	<b>869,951</b>	<b>9,484,182</b>

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS  
(UREA, & DAP) DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19 COMPARED  
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 & FY 2018-19 over previous year
<b>PAKISTAN</b>							
<b>UREA</b>							
April	314,213	257,578	366,661	213,012	249,865	375,459	50.3
May	484,736	408,100	421,760	250,623	520,902	493,808	-5.2
June	568,323	512,053	566,537	590,385	1,059,648	608,109	-42.6
July	466,144	486,684	447,478	777,875	339,002	496,634	46.5
August	515,365	630,891	428,920	573,701	884,858	430,696	-51.3
September	504,450	420,203	193,013	297,856	179,813	482,417	168.3
<b>Total Kharif</b>	<b>2,853,231</b>	<b>2,715,509</b>	<b>2,424,369</b>	<b>2,703,452</b>	<b>3,234,088</b>	<b>2,887,123</b>	<b>-10.7</b>
% change		-4.8	-10.7	11.5	19.6	-10.7	
October	476,976	407,717	197,090	360,173	375,386	465,071	23.9
November	550,861	467,181	623,023	764,119	601,671	496,923	-17.4
December	674,005	655,555	838,674	897,552	715,685	710,890	-0.7
January	619,150	628,873	346,439	406,265	539,216	563,652	4.5
February	378,432	455,581	315,020	257,117	370,014	388,197	4.9
March	384,137	429,070	114,295	206,831	342,093	408,461	19.4
<b>Total Rabi</b>	<b>3,083,561</b>	<b>3,043,977</b>	<b>2,434,541</b>	<b>2,892,057</b>	<b>2,944,065</b>	<b>3,033,194</b>	<b>3.0</b>
% change		-1.3	-20.0	18.8	1.8	3.0	
April	257,578	366,661	213,012	249,865	375,459	292,425	-22.1
May	408,100	421,760	250,623	520,902	493,808	592,525	20.0
June	512,053	566,537	590,385	1,059,648	608,109	642,577	5.7
<b>FY Total</b>	<b>5,747,251</b>	<b>5,936,713</b>	<b>4,557,972</b>	<b>6,371,904</b>	<b>5,825,114</b>	<b>5,970,468</b>	<b>2.5</b>
% change		3.3	-23.2	39.8	-8.6	2.5	
<b>DAP</b>							
April	52,082	44,402	69,544	104,833	95,697	68,800	-28.1
May	80,155	108,439	109,545	106,292	70,716	62,513	-11.6
June	149,685	60,436	111,633	42,892	111,754	189,898	69.9
July	81,321	146,906	81,859	199,259	283,116	301,790	6.6
August	84,314	121,373	33,776	134,423	77,767	79,067	1.7
September	172,813	104,685	6,803	109,144	353,626	198,945	-43.7
<b>Total Kharif</b>	<b>620,370</b>	<b>586,241</b>	<b>413,160</b>	<b>696,843</b>	<b>992,676</b>	<b>901,013</b>	<b>-9.2</b>
% change		-5.5	-29.5	68.7	42.5	-9.2	
October	297,520	323,842	535,974	501,085	387,095	521,251	34.7
November	406,143	409,189	537,451	631,435	501,796	264,586	-47.3
December	172,516	220,941	132,359	162,277	150,476	189,045	25.6
January	26,976	72,050	76,534	61,111	92,209	74,621	-19.1
February	95,044	63,602	71,342	97,636	122,431	48,533	-60.4
March	73,068	47,871	92,903	154,051	150,156	65,475	-56.4
<b>Total Rabi</b>	<b>1,071,267</b>	<b>1,137,495</b>	<b>1,446,563</b>	<b>1,607,595</b>	<b>1,404,163</b>	<b>1,163,511</b>	<b>-17.1</b>
% change		6.2	27.2	11.1	-12.7	-17.1	
April	44,402	69,544	104,833	95,697	68,800	86,170	25.2
May	108,439	109,545	106,292	70,716	62,513	213,024	240.8
June	60,436	111,633	42,892	111,754	189,898	157,743	-16.9
<b>FY Total</b>	<b>1,622,991</b>	<b>1,801,181</b>	<b>1,823,018</b>	<b>2,328,588</b>	<b>2,439,883</b>	<b>2,200,250</b>	<b>-9.8</b>
% change		11.0	1.2	27.7	4.8	-9.8	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS  
(UREA, & DAP) DUIRNG KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19 COMPARED  
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 & FY 2018-19 over previous year
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## PUNJAB

## UREA

April	229,583	178,612	238265	127727	166078	258152	55.4
May	289,414	236,425	267,242	148,173	356,255	301,045	-15.5
June	385,959	326,322	372,696	394,465	729,309	403,817	-44.6
July	298,542	331,126	279,551	447,907	202,927	328,517	61.9
August	325,358	428349	281,489	370,601	598,953	308,046	-48.6
September	324,282	269985	125,676	204,483	119,861	271,512	126.5
<b>Total Kharif</b>	<b>1,853,138</b>	<b>1,770,819</b>	<b>1,564,919</b>	<b>1,693,356</b>	<b>2,173,383</b>	<b>1,871,089</b>	<b>-13.9</b>
% change		-4.4	-11.6	8.2	28.3	-13.9	

October	316,154	272982	117984	239911	224845	318097	41.5
November	390,275	304,837	395,565	528,850	394,501	357,794	-9.3
December	482,994	449,971	592,684	630,370	524,440	463,594	-11.6
January	445,979	447,130	198,419	264,415	357,302	393,162	10.0
February	253,435	314,450	223,601	158,625	262,125	260,365	-0.7
March	275,516	274,415	63,255	135,723	260,446	298,227	14.5
<b>Total Rabi</b>	<b>2,164,353</b>	<b>2,063,785</b>	<b>1,591,508</b>	<b>1,957,894</b>	<b>2,023,659</b>	<b>2,091,239</b>	<b>3.3</b>
% change		-4.6	-22.9	23.0	3.4	3.3	

April	178,612	238265	127727	166078	258152	197975	-23.3
May	236,425	267,242	148,173	356,255	301,045	399,861	32.8
June	326,322	372,696	394,465	729,309	403,817	423,733	4.9
<b>FY Total</b>	<b>3,853,894</b>	<b>3,971,448</b>	<b>2,948,589</b>	<b>4,232,527</b>	<b>3,908,414</b>	<b>4,020,883</b>	<b>2.9</b>
% change		3.1	-25.8	43.5	-7.7	2.9	

## DAP

April	32,222	31,913	39745.7	60,599	64,240	44,195	-31.2
May	55,226	74,011	73135.4	53,736	46,863	43,691	-6.8
June	113,623	43,295	77153.6	33,164	86,124	142,447	65.4
July	55,817	104099.4	54,473	133,609	178,063	222,575	25.0
August	54,226	87562.2	15,855	101,004	52,548	52,093	-0.9
September	130,750	81487	3,835	71,383	279,420	151,691	-45.7
<b>Total Kharif</b>	<b>441,864</b>	<b>422,368</b>	<b>264,198</b>	<b>453,495</b>	<b>707,258</b>	<b>656,692</b>	<b>-7.1</b>
% change		-4.4	-37.4	71.6	56.0	-7.1	

October	217,549	246919.3	408855	384802	286494	370771	29.4
November	274,669	301983.6	391,813	486,493	363,911	189,575	-47.9
December	135,500	170032.5	108,760	123,569	111,108	135,689	22.1
January	19,969	56328.75	42,113	48,874	72,494	47,274	-34.8
February	53,769	47137.54	54,391	68,675	96,190	34,302	-64.3
March	57,683	34120.75	67,989	107,220	108,465	51,083	-52.9
<b>Total Rabi</b>	<b>759,138</b>	<b>856,522</b>	<b>1,073,921</b>	<b>1,219,633</b>	<b>1,038,662</b>	<b>828,694</b>	<b>-20.2</b>
% change		12.8	25.4	13.6	-14.8	-20.2	

April	31,913	39745.7	60,599	64,240	44,195	55,403	25.4
May	74,011	73135.4	53,736	46,863	43,691	135,635	210.4
June	43,295	77153.6	33,164	86,124	142,447	116,870	-18.0
<b>FY Total</b>	<b>1,149,150</b>	<b>1,319,706</b>	<b>1,295,583</b>	<b>1,722,856</b>	<b>1,779,026</b>	<b>1,562,961</b>	<b>-12.1</b>
% change		14.8	-1.8	33.0	3.3	-12.1	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS  
(UREA, & DAP) DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19 COMPARED  
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 & FY 2018-19 over previous year
<b>SINDH</b>							
<b>UREA</b>							
April	30,234	28,355	74,499	56,778	56,349	81,396	44.4
May	129,433	120,959	124,079	77,770	122,735	155,726	26.9
June	136,424	145,579	154,513	153,098	269,302	164,542	-38.9
July	114,157	117,269	138,144	262,996	106,516	140,360	31.8
August	142,017	155,922	110,425	150,771	243,184	91,141	-62.5
September	130,824	111,412	47,305	78,327	49,085	177,817	262.3
<b>Total Kharif</b>	<b>683,089</b>	<b>679,496</b>	<b>648,965</b>	<b>779,740</b>	<b>847,171</b>	<b>810,982</b>	<b>-4.3</b>
% change		-0.5	-4.5	20.2	8.6	-4.3	
October	119,493	88,663	66,185	93,987	123,954	113,587	-8.4
November	114,298	125,164	195,245	187,881	162,266	112,123	-30.9
December	150,527	161,939	212,205	210,933	154,436	201,360	30.4
January	124,560	140,237	123,751	103,939	144,230	133,447	-7.5
February	89,717	101,210	69,485	68,615	74,313	90,702	22.1
March	53,140	103,048	20,874	39,863	44,557	67,455	51.4
<b>Total Rabi</b>	<b>651,735</b>	<b>720,261</b>	<b>687,745</b>	<b>705,218</b>	<b>703,756</b>	<b>718,674</b>	<b>2.1</b>
% change		10.5	-4.5	2.5	-0.2	2.1	
April	28,355	74,499	56,778	56,349	81,396	64,728	-20.5
May	120,959	124,079	77,770	122,735	155,726	148,501	-4.6
June	145,579	154,513	153,098	269,302	164,542	178,950	8.8
<b>FY Total</b>	<b>1,333,626</b>	<b>1,457,955</b>	<b>1,271,265</b>	<b>1,645,698</b>	<b>1,504,205</b>	<b>1,520,171</b>	<b>1.1</b>
% change		9.3	-12.8	29.5	-8.6	1.1	
<b>DAP</b>							
April	14,590	8,294	19,307	26,508	23,620	19,967	-15.5
May	15,367	27,298	25,068	40,337	15,867	14,897	-6.1
June	16,426	12,277	24,539	8,320	19,990	36,537	82.8
July	16,200	30,725	21,329	54,825	80,013	60,346	-24.6
August	20,477	20,989	12,893	23,720	18,182	22,421	23.3
September	28,167	11,391	2,106	22,845	46,572	33,093	-28.9
<b>Total Kharif</b>	<b>111,226</b>	<b>110,974</b>	<b>105,242</b>	<b>176,555</b>	<b>204,244</b>	<b>187,261</b>	<b>-8.3</b>
% change		-0.2	-5.2	67.8	15.7	-8.3	
October	51,469	51,708	99,527	89,943	74,414	122,406	64.5
November	103,312	85,186	122,011	118,020	110,287	57,594	-47.8
December	27,113	36,890	19,478	27,875	29,477	39,348	33.5
January	3,264	10,461	32,387	6,425	14,962	21,658	44.8
February	35,945	10,327	11,665	21,566	20,237	8,493	-58.0
March	8,034	6,238	18,064	37,381	29,718	11,223	-62.2
<b>Total Rabi</b>	<b>229,137</b>	<b>200,810</b>	<b>303,132</b>	<b>301,210</b>	<b>279,095</b>	<b>260,722</b>	<b>-6.6</b>
% change		-12.4	51.0	-0.6	-7.3	-6.6	
April	8,294	19,307	26,508	23,620	19,967	19,969	0.0
May	27,298	25,068	40,337	15,867	14,897	63,600	326.9
June	12,277	24,539	8,320	19,990	36,537	29,911	-18.1
<b>FY Total</b>	<b>341,849</b>	<b>332,830</b>	<b>414,625</b>	<b>462,077</b>	<b>495,263</b>	<b>490,062</b>	<b>-1.1</b>
% change		-2.6	24.6	11.4	7.2	-1.1	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS  
(UREA, & DAP) DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19 COMPARED  
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 & FY 2018-19 over previous year
<b>KP</b>							
<b>UREA</b>							
April	37,344	26,559	30,342	23,619	19,853	24,913	25.5
May	41,893	30,421	18,340	19,648	30,816	20,150	-34.6
June	32,336	24,696	27,929	27,805	40,065	21,161	-47.2
July	31,639	25,706	20,154	47,101	16,534	14,222	-14.0
August	30,847	29,267	23,867	38,797	19,544	20,989	7.4
September	30,142	23,576	17,735	9,814	4,095	17,548	328.5
<b>Total Kharif</b>	<b>204,201</b>	<b>160,225</b>	<b>138,367</b>	<b>166,784</b>	<b>130,907</b>	<b>118,983</b>	<b>-9.1</b>
% change		-21.5	-13.6	20.5	-21.5	-9.1	
October	26,901	27,913	10,785	19,860	13,750	21,004	52.8
November	29,987	23,994	25,646	32,895	24,674	12,126	-50.9
December	27,507	30,842	23,212	25,935	19,234	25,436	32.2
January	31,864	26,823	17,129	17,252	19,901	25,788	29.6
February	19,000	26,666	17,800	18,382	19,717	20,879	5.9
March	28,798	21,933	23,722	22,351	23,430	27,039	15.4
<b>Total Rabi</b>	<b>164,056</b>	<b>158,171</b>	<b>118,294</b>	<b>136,675</b>	<b>120,706</b>	<b>132,272</b>	<b>9.6</b>
% change		-3.6	-25.2	15.5	-11.7	9.6	
April	26,559	30,342	23,619	19,853	24,913	19,287	-22.6
May	30,421	18,340	19,648	30,816	20,150	26,307	30.6
June	24,696	27,929	27,805	40,065	21,161	18,999	-10.2
<b>FY Total</b>	<b>338,360</b>	<b>313,331</b>	<b>251,122</b>	<b>323,121</b>	<b>227,103</b>	<b>249,624</b>	<b>9.9</b>
% change		-7.4	-19.9	28.7	-29.7	9.9	
<b>DAP</b>							
April	2,953	2,520	7,357	8,735	4,045	1,694	-58.1
May	4,246	4,479	6,245	5,416	4,619	1,584	-65.7
June	12,435	3,469	5,731	1,361	2,253	6,657	195.5
July	5,786	5,230	3,843	4,345	3,683	10,381	181.9
August	7,039	8,695	1,358	3,684	2,669	2,012	-24.6
September	10,099	8,585	452	7,761	16,066	9,929	-38.2
<b>Total Kharif</b>	<b>42,558</b>	<b>32,978</b>	<b>24,985</b>	<b>31,302</b>	<b>33,335</b>	<b>32,257</b>	<b>-3.2</b>
% change		-22.5	-24.2	25.3	6.5	-3.2	
October	17,170	18,713	16,296	17,400	15,686	18,744	19.5
November	16,837	13,928	17,585	17,237	15,840	8,335	-47.4
December	7,395	10,700	3,245	7,441	5,185	3,880	-25.2
January	2,848	3,440	1,749	2,952	3,331	3,070	-7.8
February	2,412	3,723	4,792	5,792	4,379	3,002	-31.4
March	5,950	5,057	4,749	6,453	8,892	1,078	-87.9
<b>Total Rabi</b>	<b>52,611</b>	<b>55,561</b>	<b>48,416</b>	<b>57,275</b>	<b>53,313</b>	<b>38,109</b>	<b>-28.5</b>
% change		5.6	-12.9	18.3	-6.9	-28.5	
April	2,520	7,357	8,735	4,045	1,694	3,829	126.0
May	4,479	6,245	5,416	4,619	1,584	6,480	309.1
June	3,469	5,731	1,361	2,253	6,657	4,435	-33.4
<b>FY Total</b>	<b>86,003</b>	<b>97,404</b>	<b>69,581</b>	<b>83,982</b>	<b>85,666</b>	<b>75,175</b>	<b>-12.2</b>
% change		13.3	-28.6	20.7	2.0	-12.2	

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS  
(UREA, & DAP) DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19 COMPARED  
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS	Kharif 2013 Rabi 2013-14 FY 2013-14	Kharif 2014 Rabi 2014-15 FY 2014-15	Kharif 2015 Rabi 2015-16 FY 2015-16	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Percent change in Kharif 2018, Rabi 2018-19 & FY 2018-19 over previous year
<b>BALOCHISTAN</b>							
<b>UREA</b>							
April	17,052	24,052	23,555	4,888	7,585	10,933	44.1
May	23,996	20,295	12,099	5,032	11,096	16,887	52.2
June	13,604	15,456	11,399	15,017	20,972	18,589	-11.4
July	21,806	12,583	9,629	19,871	13,025	13,535	3.9
August	17,143	17,353	13,139	13,532	23,177	10,520	-54.6
September	19,202	15,230	2,297	5,232	6,772	15,540	129.5
<b>Total Kharif</b>	<b>112,803</b>	<b>104,969</b>	<b>72,118</b>	<b>63,572</b>	<b>82,627</b>	<b>86,004</b>	<b>4.1</b>
% change		-6.9	-31.3	-11.9	30.0	4.1	
October	14,428	18,159	2136	6415	12837	12383	-3.5
November	16,301	13,186	6,567	14,493	20,230	14,880	-26.4
December	12,978	12,803	10,573	30,314	17,575	20,500	16.6
January	16,747	14,683	7,140	20,659	17,771	11,250	-36.7
February	16,280	13,255	4,134	11,495	13,859	16,183	16.8
March	26,683	29,549	6,444	8,894	13,510	15,706	16.3
<b>Total Rabi</b>	<b>103,417</b>	<b>101,635</b>	<b>36,994</b>	<b>92,270</b>	<b>95,782</b>	<b>90,902</b>	<b>-5.1</b>
% change		-1.7	-63.6	149.4	3.8	-5.1	
April	24,052	23,555	4,888	7,585	10,933	10,430	-4.6
May	20,295	12,099	5,032	11,096	16,887	17,781	5.3
June	15,456	11,399	15,017	20,972	18,589	20,895	12.4
<b>FY Total</b>	<b>221,371</b>	<b>193,854</b>	<b>86,996</b>	<b>170,558</b>	<b>185,165</b>	<b>179,603</b>	<b>-3.0</b>
% change		-12.4	-55.1	96.1	8.6	-3.0	
<b>DAP</b>							
April	2,316	1,675	3,135	8,991	3,793	2,943	-22.4
May	5,317	2,651	5,097	6,803	3,346	2,340	-30.1
June	7,200	1,395	4,209	47	3,382	4,257	25.9
July	3,518	6,851	2,215	6,481	21,356	8,488	-60.3
August	2,573	4,126	3,670	6,016	4,368	2,541	-41.8
September	3,797	3,222	411	7,155	11,568	4,232	-63.4
<b>Total Kharif</b>	<b>24,721</b>	<b>19,921</b>	<b>18,737</b>	<b>35,493</b>	<b>47,813</b>	<b>24,801</b>	<b>-48.1</b>
% change		-19.4	-5.9	89.4	34.7	-48.1	
October	11,332	6,501	11,296	8,940	10,496	9,330	-11.1
November	11,324	8,092	6,042	9,686	11,758	9,084	-22.7
December	2,508	3,319	876	3,392	4,706	10,128	115.2
January	895	1,820	285	2,861	1,422	2,620	84.2
February	2,919	2,414	493	1,604	1,626	2,737	68.3
March	1,402	2,455	2,101	2,997	3,080	2,086	-32.3
<b>Total Rabi</b>	<b>30,380</b>	<b>24,601</b>	<b>21,093</b>	<b>29,480</b>	<b>33,088</b>	<b>35,985</b>	<b>8.8</b>
% change		-19.0	-14.3	39.8	12.2	8.8	
April	1,675	3,135	8,991	3,793	2,943	6,967	136.7
May	2,651	5,097	6,803	3,346	2,340	7,304	212.1
June	1,395	4,209	47	3,382	4,257	6,527	53.3
<b>FY Total</b>	<b>45,989</b>	<b>51,242</b>	<b>43,230</b>	<b>59,653</b>	<b>79,920</b>	<b>72,044</b>	<b>-9.9</b>
% change		11.4	-15.6	38.0	34.0	-9.9	

## PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19

												(Tonnes)
Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
<b>PUNJAB</b>												
<b>Kharif 2018</b>												
April	258,152	44,195	37,312	34,629	3,846	-	576	-	934	336	1,709	381,689
May	301,045	43,691	32,806	41,641	5,681	-	1,347	-	1,283	1,146	1,564	430,204
June	403,817	142,447	18,893	38,880	5,068	-	1,387	-	1,005	693	777	612,967
July	328,517	222,575	44,206	79,754	7,795	-	4,408	-	3,771	550	3,474	695,050
Aug	308,046	52,093	22,927	48,308	1,983	-	2,572	-	1,797	1,957	2,490	442,173
Sep	271,512	151,691	3,969	14,998	8,582	-	7,038	-	5,113	1,352	5,952	470,207
<b>Total</b>	<b>1,871,089</b>	<b>656,692</b>	<b>160,113</b>	<b>258,210</b>	<b>32,955</b>	<b>-</b>	<b>17,328</b>	<b>-</b>	<b>13,903</b>	<b>6,034</b>	<b>15,966</b>	<b>3,032,290</b>
<b>Rabi 2018-19</b>												
Oct	318,097	370,771	25,267	22,100	21,016	-	3,306	-	3,132	3,406	8,195	775,290
Nov	357,794	189,575	18,168	12,421	20,603	-	1,807	-	2,212	3,924	1,958	608,462
Dec	463,594	135,689	19,917	37,152	5,115	-	3,957	-	1,295	5,629	784	673,132
Jan	393,162	47,274	39,685	72,065	3,820	-	1,596	3,673	1,719	5,987	1,887	570,867
Feb	260,365	34,302	10,763	39,380	2,378	-	2,438	1,842	1,581	3,391	2,462	358,902
Mar	298,227	51,083	10,395	15,690	3,298	-	2,373	946	1,324	3,141	3,024	389,501
<b>Total</b>	<b>2,091,239</b>	<b>828,694</b>	<b>124,195</b>	<b>198,808</b>	<b>56,230</b>	<b>-</b>	<b>15,477</b>	<b>6,461</b>	<b>11,263</b>	<b>25,478</b>	<b>18,310</b>	<b>3,376,154</b>
April	197,975	55,403	30,387	38,463	2,755	-	2,011	640	1,960	4,203	1,604	335,401
May	399,861	135,635	38,441	38,593	1,919	-	1,443	3,326	602	3,873	1,917	625,610
Jun	423,733	116,870	19,300	18,513	4,666	-	1,018	1,329	1,519	4,630	2,231	593,809
<b>Fiscal Year 2018-19</b>	<b>4,020,883</b>	<b>1,562,961</b>	<b>283,424</b>	<b>437,437</b>	<b>83,930</b>	<b>-</b>	<b>33,968</b>	<b>11,756</b>	<b>26,024</b>	<b>42,043</b>	<b>35,978</b>	<b>6,538,404</b>

## PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
<b>SINDH</b>												
<b>Kharif 2018</b>												
April	81,396	19,967	19,486	18,905	330	-	365	-	198	43	1,458	142,148
May	155,726	14,897	10,360	16,051	661	-	208	-	78	122	1,355	199,458
June	164,542	36,537	4,913	3,755	419	-	60	-	43	142	465	210,876
July	140,360	60,346	10,182	19,505	1,759	-	381	-	321	107	1,761	234,722
Aug	91,141	22,421	8,071	9,573	580	-	232	-	34	1,173	1,481	134,706
Sep	177,817	33,093	2607	3419	770	-	1374.8	-	570.6	627	3216	223,494
<b>Total</b>	<b>810,982</b>	<b>187,261</b>	<b>55,619</b>	<b>71,208</b>	<b>4,519</b>	<b>-</b>	<b>2,621</b>	<b>-</b>	<b>1,245</b>	<b>2,214</b>	<b>9,736</b>	<b>1,145,404</b>
<b>Rabi 2018-19</b>												
Oct	113,587	122,406	18,915	12,740	1,924	-	729	-	169	1,186	2,512	274,167
Nov	112,123	57,594	11,452	10,751	878	-	491	-	361	558	2,320	196,529
Dec	201,360	39,348	6,470	7,576	587	-	1,486	-	451	475	536	258,289
Jan	133,447	21,658	11,980	6,168	202	-	493	646	151	915	862	176,522
Feb	90,702	8,493	3,187	6,554	69	-	241	936	8	559	2,412	113,161
Mar	67,455	11,223	4,133	6,253	1,507	-	837	416	28	691	2,544	95,088
<b>Total</b>	<b>718,674</b>	<b>260,722</b>	<b>56,137</b>	<b>50,042</b>	<b>5,167</b>	<b>-</b>	<b>4,277</b>	<b>1,998</b>	<b>1,168</b>	<b>4,385</b>	<b>11,186</b>	<b>1,113,756</b>
April	64,728	19,969	27,767	10,214	890	-	220	225	12	605	2,295	126,925
May	148,501	63,600	23,444	6,958	1,144	-	145	2,846	8	1,173	1,733	249,552
Jun	178,950	29,911	5,035	2,954	2,563	-	280	527	146	1,038	1,693	223,097
<b>Fiscal Year 2018-19</b>	<b>1,520,171</b>	<b>490,062</b>	<b>133,243</b>	<b>102,665</b>	<b>12,873</b>	<b>-</b>	<b>6,910</b>	<b>5,596</b>	<b>2,260</b>	<b>9,107</b>	<b>23,365</b>	<b>2,306,252</b>

## PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
<b>KP</b>												
<b>Kharif 2018</b>												
April	24,913	1,694	1,333	-	664	-	50	-	73	12	1,456	30,195
May	20,150	1,584	899	30	339	-	41	-	70	73	223	23,409
June	21,161	6,657	250	-	752	-	13	-	29	26	83	28,971
July	14,222	10,381	738	-	156	-	147	-	252	63	124	26,084
Aug	20,989	2,012	626	-	110	-	196	-	270	94	322	24,619
Sep	17,548	9,929	340	32	340	0	205.9	0	330.8	81	208	29,015
<b>Total</b>	<b>118,983</b>	<b>32,257</b>	<b>4,186</b>	<b>62</b>	<b>2,361</b>	<b>-</b>	<b>653</b>	<b>-</b>	<b>1,025</b>	<b>349</b>	<b>2,416</b>	<b>162,292</b>
<b>Rabi 2018-19</b>												
Oct	21,004	18,744	1,161	120	1,039	-	16	-	190	255	1,118	43646.7325
Nov	12,126	8,335	763	90	874	-	11	-	79	108	268	22,654
Dec	25,436	3,880	1,516	-	421	-	231	-	11	55	51	31,601
Jan	25,788	3,070	1,377	30	243	-	49	-	300	289	521	31,667
Feb	20,879	3,002	1,051	-	538	-	139	5	297	112	1,054	27,076
Mar	27,039	1,078	1,149	-	644	-	37	-	77	429	4,948	35,401
<b>Total</b>	<b>132,272</b>	<b>38,109</b>	<b>7,017</b>	<b>240</b>	<b>3,759</b>	<b>-</b>	<b>483</b>	<b>5</b>	<b>955</b>	<b>1,248</b>	<b>7,960</b>	<b>192,046</b>
April	19,287	3,829	3,751	20	161	-	10	-	20	723	1,145	28,946
May	26,307	6,480	2,280	-	61	-	6	3	29	434	203	35,803
Jun	18,999	4,435	551	249	37	-	18	-	68	130	196	24,683
<b>Fiscal Year 2018-19</b>	<b>249,624</b>	<b>75,175</b>	<b>15,303</b>	<b>541</b>	<b>4,624</b>	<b>-</b>	<b>1,066</b>	<b>8</b>	<b>1,925</b>	<b>2,773</b>	<b>10,158</b>	<b>361,196</b>

## PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2018, RABI 2018-19 AND FISCAL YEAR 2018-19

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
<b>BALUCHISTAN</b>												
<b>Kharif 2018</b>												
April	10,933	2,943	1,687	-	15	-	40	-	39	17	387	16,061
May	16,887	2,340	999	-	27	-	82	-	82	74	330	20,821
June	18,589	4,257	1,339	-	8	-	37	-	40	19	69	24,358
July	13,535	8,488	1,045	-	121	-	51	-	95	32	452	23,818
Aug	10,520	2,541	1,542	30	83	-	8	-	32	15	310	15,081
Sep	15,540	4,232	335	0	7	0	219.9	0	345.8	65	817	21,562
<b>Total</b>	<b>86,004</b>	<b>24,801</b>	<b>6,947</b>	<b>30</b>	<b>261</b>	<b>-</b>	<b>438</b>	<b>-</b>	<b>634</b>	<b>222</b>	<b>2,365</b>	<b>121,701</b>
<b>Rabi 2018-19</b>												
Oct	12,383	9,330	1,631	-	69	-	58	-	144	118	495	24,228
Nov	14,880	9,084	893	-	27	-	16	-	87	61	452	25,500
Dec	20,500	10,128	1,836	-	25	-	147	-	106	41	26	32,809
Jan	11,250	2,620	838	-	62	-	5	15	35	118	581	15,524
Feb	16,183	2,737	822	125	4	-	31	25	71	58	649	20,706
Mar	15,706	2,086	1,356	-	61	-	24	-	61	69	548	19,911
<b>Total</b>	<b>90,902</b>	<b>35,985</b>	<b>7,376</b>	<b>125</b>	<b>248</b>	<b>-</b>	<b>280</b>	<b>40</b>	<b>505</b>	<b>466</b>	<b>2,751</b>	<b>138,678</b>
April	10,430	6,967	2,475	-	51	-	26	-	30	228	332	20,538
May	17,781	7,304	3,628	-	17	-	15	35	15	216	241	29,251
Jun	20,895	6,527	560	-	50	-	38	2	29	122	139	28,362
<b>Fiscal Year 2018-19</b>	<b>179,603</b>	<b>72,044</b>	<b>16,961</b>	<b>155</b>	<b>577</b>	<b>-</b>	<b>637</b>	<b>77</b>	<b>1,050</b>	<b>1,143</b>	<b>5,042</b>	<b>277,290</b>
<b>PAKISTAN</b>												
Kharif 2018	2,887,123	901,013	226,865	329,510	40,096	-	21,040	-	16,806	8,819	30,483	4,461,755
Rabi 2018-19	3,033,194	1,163,510	195,182	249,215	65,404	-	20,517	8,504	13,890	31,576	40,207	4,821,198
Fiscal Year 2018-19	5,970,468	2,200,248	449,778	540,798	102,004	-	42,580	17,437	31,259	55,067	74,543	9,484,183

## NUTRIENT SUPPLY/DEMAND SITUATION DURING APRIL 2018 TO JUNE 2019

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
<b>APRIL 2018</b>				
Opening Balance	233,117	117,671	13,885	364,672
Domestic production	225,348	24,603	1,158	251,109
Imports	8,453	20,936	3,612	33,001
<b>Total Availability</b>	<b>466,918</b>	<b>163,210</b>	<b>18,655</b>	<b>648,783</b>
Offtake	212,883	45,473	2,109	260,465
Export	-	-	-	-
Adjustments (+)	571	1,460	-	2,031
Adjustments (-)	12	31	-	43
<b>National Inventory</b>	<b>254,594</b>	<b>119,166</b>	<b>16,546</b>	<b>390,306</b>
<b>MAY 2018</b>				
Opening Balance	254,594	119,166	16,546	390,306
Domestic production	207,417	37,419	687	245,523
Imports	32,997	84,395	3,743	121,134
<b>Total Availability</b>	<b>495,008</b>	<b>240,980</b>	<b>20,976</b>	<b>756,963</b>
Offtake	264,057	39,691	2,362	306,110
Export	-	-	-	-
Adjustments (+)	728	1,861	-	2,589
Adjustments (-)	1526	1861	0	3,386
<b>National Inventory</b>	<b>230,153</b>	<b>201,289</b>	<b>18,614</b>	<b>450,056</b>
<b>JUNE 2018</b>				
Opening Balance	230,153	201,289	18,614	450,056
Domestic production	235,024	41,225	650	276,899
Imports	25,557	65,522	2,216	93,296
<b>Total Availability</b>	<b>490,735</b>	<b>308,036</b>	<b>21,480</b>	<b>820,250</b>
Offtake	330,931	93,854	1,667	426,452
Export	-	-	-	-
Adjustments (+)	687	1745	-	2,432
Adjustments (-)	770	1968	-	2,739
<b>National Inventory</b>	<b>159,720</b>	<b>213,959</b>	<b>19,813</b>	<b>393,492</b>

## NUTRIENT SUPPLY/DEMAND SITUATION DURING APRIL 2018 TO JUNE 2019

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
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## JULY, 2018

Opening Balance	159,720	213,959	19,813	393,492
Domestic production	253,409	45,229	833	299,471
Imports	32,921	84,294	2,522	119,737
<b>Total Availability</b>	<b>446,050</b>	<b>343,482</b>	<b>23,168</b>	<b>812,700</b>
Offtake	322,397	154,683	6,189	483,269
Export	-	-	-	-
Adjustments (+)	525	1,276	120	1,922
Adjustments (-)	1,221	3,122	-	4,343
<b>National Inventory</b>	<b>122,957</b>	<b>186,953</b>	<b>17,099</b>	<b>327,009</b>

## AUGUST, 2018

Opening Balance	122,957	186,953	17,099	327,009
Domestic production	254,366	38,301	908	293,575
Imports	49,781	125,830	3,048	178,659
<b>Total Availability</b>	<b>427,105</b>	<b>351,084</b>	<b>21,054</b>	<b>799,242</b>
Offtake	236,349	45,397	3,591	285,337
Export	-	-	-	-
Adjustments (+)	548	1,400	-	1,948
Adjustments (-)	5,819	2,109	-	7,928
<b>National Inventory</b>	<b>185,485</b>	<b>304,978</b>	<b>17,463</b>	<b>507,925</b>

## SEPTEMBER, 2018

Opening Balance	185,485	304,978	17,463	507,925
Domestic production	247,665	45,671	528	293,864
Imports	43,836	109,974	4,958	158,768
<b>Total Availability</b>	<b>476,985</b>	<b>460,624</b>	<b>22,949</b>	<b>960,558</b>
Offtake	265,896	97,060	10,035	372,991
Export	-	-	-	-
Adjustments (+)	488	1,248	-	1,736
Adjustments (-)	779	1,990	-	2,768
<b>National Inventory</b>	<b>210,799</b>	<b>362,822</b>	<b>12,914</b>	<b>586,535</b>

## NUTRIENT SUPPLY/DEMAND SITUATION DURING APRIL 2018 TO JUNE 2019

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
<b>OCTOBER 2018</b>				
Opening Balance	210,799	362,822	12,914	586,535
Domestic production	287,346	40,640	2,694	330,680
Imports	45,404	110,538	3,561	159,503
<b>Total Availability</b>	<b>543,550</b>	<b>514,001</b>	<b>19,169</b>	<b>1,076,719</b>
Offtake	329,996	257,695	6,444	594,135
Export	-	-	-	-
Adjustments (+)	2,652	2,429	-	5,081
Adjustments (-)	2,672	6,724	109	9,505
<b>National Inventory</b>	<b>213,534</b>	<b>252,011</b>	<b>12,616</b>	<b>478,161</b>
<b>NOVEMBER 2018</b>				
Opening Balance	213,534	252,011	12,616	478,161
Domestic production	274,664	42,605	852	318,121
Imports	41,314	102,856	946	145,116
<b>Total Availability</b>	<b>529,512</b>	<b>397,472</b>	<b>14,414</b>	<b>941,398</b>
Offtake	291,069	133,972	3,686	428,727
Export	-	-	-	-
Adjustments (+)	2,712	4,928	55	7,694
Adjustments (-)	2,425	5,361	-	7,786
<b>National Inventory</b>	<b>238,729</b>	<b>263,067</b>	<b>10,783</b>	<b>512,579</b>
<b>DECEMBER 2018</b>				
Opening Balance	238,729	263,067	10,783	512,579
Domestic production	270,120	42,751	76	312,948
Imports	65,425	42,564	606	108,595
<b>Total Availability</b>	<b>574,275</b>	<b>348,383</b>	<b>11,465</b>	<b>934,122</b>
Export				
Offtake	380,953	95,224	4,279	480,456
Export	-	-	-	-
Adjustments (+)	12,530	4,560	71	17,161
Adjustments (-)	1,826	4,664	0	6,490
<b>National Inventory</b>	<b>204,026</b>	<b>253,054</b>	<b>7,257</b>	<b>464,338</b>

## NUTRIENT SUPPLY/DEMAND SITUATION DURING APRIL 2018 TO JUNE 2019

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
<b>JANUARY 2019</b>				
Opening Balance	204,026	253,054	7,257	464,338
Domestic production	239,820	26,695	844	267,359
Imports	12,065	28,813	5,353	46,230
<b>Total Availability</b>	<b>455,911</b>	<b>308,562</b>	<b>13,453</b>	<b>777,927</b>
Offtake	308,059	50,489	3,059	361,607
Export	-	-	-	-
Adjustments (+)	1,444	3,088	31	4,562
Adjustments (-)	1,245	3,182	-	4,427
<b>National Inventory</b>	<b>148,051</b>	<b>257,979</b>	<b>10,425</b>	<b>416,455</b>
<b>FEBRUARY 2019</b>				
Opening Balance	148,051	257,979	10,425	416,455
Domestic production	206,308	42,805	2,199	251,312
Imports	2,537	4,750	3,849	11,136
<b>Total Availability</b>	<b>356,897</b>	<b>305,534</b>	<b>16,473</b>	<b>678,903</b>
Offtake	205,012	29,231	3,780	238,023
Export	-	-	-	-
Adjustments (+)	140	981	73	1,194
Adjustments (-)	1,314	1,014	-	2,328
<b>National Inventory</b>	<b>150,711</b>	<b>276,270</b>	<b>12,765</b>	<b>439,746</b>
<b>MARCH 2019</b>				
Opening Balance	150,711	276,270	12,765	439,746
Domestic production	253,354	43,079	3,229	299,662
Imports	16,015	38,747	5,997	60,758
<b>Total Availability</b>	<b>420,080</b>	<b>358,095</b>	<b>21,990</b>	<b>800,166</b>
Offtake	211,841	37,681	4,601	254,123
Export	-	-	-	-
Adjustments (+)	234	171	90	495
Adjustments (-)	1,691	1,072	70	2,833
<b>National Inventory</b>	<b>206,783</b>	<b>319,513</b>	<b>17,409</b>	<b>543,705</b>

## NUTRIENT SUPPLY/DEMAND SITUATION DURING APRIL 2018 TO JUNE 2019

DESCRIPTION	(Tonnes)			
	NITROGEN	PHOSPHATE	POTASH	TOTAL
<b>APRIL 2019</b>				
Opening Balance	206,783	319,513	17,409	543,705
Domestic production	257,012	43,773	1,579	302,365
Imports	7,574	16,303	3,088	26,965
<b>Total Availability</b>	<b>471,369</b>	<b>379,589</b>	<b>22,077</b>	<b>873,035</b>
Offtake	178,919	54,835	3,283	237,037
Export	-	-	-	-
Adjustments (+)	1,435	3,463	-	4,898
Adjustments (-)	1,400	3,577	1	4,978
<b>National Inventory</b>	<b>292,485</b>	<b>324,640</b>	<b>18,793</b>	<b>635,917</b>
<b>MAY 2019</b>				
Opening Balance	292,485	324,640	18,793	635,917
Domestic production	277,127	45,599	1,324	324,050
Imports	5,384	12,288	2,968	20,640
<b>Total Availability</b>	<b>574,995</b>	<b>382,527</b>	<b>23,085</b>	<b>980,607</b>
Offtake	340,029	116,228	1,929	458,186
Export	-	-	-	-
Adjustments (+)	2274	5,819	1	8,095
Adjustments (-)	2316	5919	1	8,236
<b>National Inventory</b>	<b>234,924</b>	<b>266,199</b>	<b>21,156</b>	<b>522,279</b>
<b>JUNE 2019</b>				
Opening Balance	234,924	266,199	21,156	522,279
Domestic production	289,361	42,251	1,717	333,329
Imports	16,317	38,654	2,244	57,214
<b>Total Availability</b>	<b>540,602</b>	<b>347,104</b>	<b>25,117</b>	<b>912,823</b>
Offtake	337,156	80,847	2,498	420,501
Export	-	-	-	-
Adjustments (+)	2926	7317	-	10,243
Adjustments (-)	3762	5141	0.2	8,903
<b>National Inventory</b>	<b>202,611</b>	<b>268,433</b>	<b>22,618</b>	<b>493,662</b>

## NUTRIENT WISE SUPPLY DEMAND SITUATION DURING FISCAL YEAR 2018-19

DISCRIPTION	(Tonnes)			
	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	159,720	213,959	19,813	393,492
Domestic Production	3,110,553	499,400	16,783	3,626,735
Imports	338,574	715,611	39,138	1,093,322
<b>Total Availability</b>	<b>3,608,846</b>	<b>1,428,970</b>	<b>75,733</b>	<b>5,113,550</b>
Offtake	3,407,676	1,153,342	53,374	4,614,392
Export	-	-	-	-
Adjustments(+/-)	1,440	-7,195	259	-5,496
<b>Closing Balance</b>	<b>202,611</b>	<b>268,433</b>	<b>22,618</b>	<b>493,662</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

Product	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>APRIL, 2018</b>												
Opening Balance	315,705	165,109	29,981	12,676	196,125	2	9,502	22,037	12,273	202	2,757	766,369
Domestic Production	433,408	40,092	42,206	3,681	30,945	-	-	6,271	-	-	-	556,603
Import	-	-	-	1,607	44,885	-	4,477	-	2,289	-	1,780	55,038
<b>Total Availability</b>	<b>749,113</b>	<b>205,201</b>	<b>72,187</b>	<b>17,964</b>	<b>271,955</b>	<b>2</b>	<b>13,979</b>	<b>28,308</b>	<b>14,562</b>	<b>202</b>	<b>4,537</b>	<b>1,378,010</b>
Offtake	375,459	53,534	59,818	4,855	68,800	-	1,032	5,010	1,243	-	408	570,159
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (-)	-	-	-	-	-	-	106	-	-	-	50	156
<b>Closing Balance</b>	<b>373,654</b>	<b>151,667</b>	<b>12,369</b>	<b>13,109</b>	<b>203,155</b>	<b>2</b>	<b>12,841</b>	<b>23,298</b>	<b>13,319</b>	<b>202</b>	<b>4,079</b>	<b>807,695</b>
<b>MAY 2018</b>												
Opening balance	373,654	151,667	12,369	13,109	203,155	2	12,841	23,298	13,319	202	4,079	807,695
Domestic Production	388,994	34,716	35,396	5,422	62,100	-	-	3,879	-	-	-	530,507
Import	-	-	-	1,003	183,074	-	5,177	-	1,924	-	208	191,386
<b>Total Availability</b>	<b>762,648</b>	<b>186,383</b>	<b>47,765</b>	<b>19,534</b>	<b>448,329</b>	<b>2</b>	<b>18,018</b>	<b>27,177</b>	<b>15,243</b>	<b>202</b>	<b>4,287</b>	<b>1,529,588</b>
Offtake	493,808	57,722	45,064	6,708	62,513	-	1,677	3,472	1,514	-	1,416	673,894
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	-	-	-	-	4,045	-	-	-	-	-	-	4,045
Adjustment (-)	1,734	-	-	-	4,045	-	-	-	-	-	-	5,779
<b>Closing balance</b>	<b>267,106</b>	<b>128,661</b>	<b>2,701</b>	<b>12,826</b>	<b>385,816</b>	<b>2</b>	<b>16,341</b>	<b>23,705</b>	<b>13,729</b>	<b>202</b>	<b>2,871</b>	<b>853,960</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

Product	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>JUNE 2018</b>												
Opening Balance	267,106	128,661	2,701	12,826	385,816	2	16,341	23,705	13,729	202	2,871	853,960
Domestic Production	446,328	34,115	34,496	4,525	71,185	-	-	3,653	-	-	-	594,302
Import	-	-	-	1,163	141,985	-	521	-	3,259	-	-	146,928
<b>Total Availability</b>	<b>713,434</b>	<b>162,776</b>	<b>37,197</b>	<b>18,514</b>	<b>598,986</b>	<b>2</b>	<b>16,862</b>	<b>27,358</b>	<b>16,988</b>	<b>202</b>	<b>2,871</b>	<b>1,595,190</b>
Offtake	608,109	42,635	25,395	6,247	189,898	-	1,497	1,394	1,117	-	879	877,171
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)	-	-	-	-	3,781	-	-	-	-	-	-	3,781
Adjustment (-)	-	-	-	-	4,279	-	-	-	-	-	-	4,279
<b>Closing Balance</b>	<b>105,325</b>	<b>120,141</b>	<b>11,802</b>	<b>12,267</b>	<b>408,590</b>	<b>2</b>	<b>15,365</b>	<b>25,964</b>	<b>15,871</b>	<b>202</b>	<b>1,992</b>	<b>717,521</b>
<b>JULY, 2018</b>												
Opening Balance	105,325	120,141	11,802	12,267	408,590	2	15,365	25,964	15,871	202	1,992	717,521
Domestic production	478,105	39,707	40,688	6,682	73,321	-	-	4,685	-	-	-	643,188
Imports	-	-	-	2,388	182,313	-	3,785	-	1,049	-	500	190,035
<b>Total Availability</b>	<b>583,430</b>	<b>159,848</b>	<b>52,490</b>	<b>21,337</b>	<b>664,224</b>	<b>2</b>	<b>19,150</b>	<b>30,649</b>	<b>16,920</b>	<b>202</b>	<b>2,492</b>	<b>1,550,744</b>
Offtake	496,634	99,259	56,171	9,831	301,790	-	4,987	5,811	4,439	-	752	979,674
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	53	-	5,000	2,000	6,791	-	-	-	200	-	-	14,044
Adjustments (-)	-	-	-	-	6,786	-	-	-	-	-	-	6,786
<b>National Inventory</b>	<b>86,849</b>	<b>60,589</b>	<b>1,319.00</b>	<b>13,506</b>	<b>362,439</b>	<b>2</b>	<b>14,163</b>	<b>24,838</b>	<b>12,681</b>	<b>202</b>	<b>1,740</b>	<b>578,328</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

Description	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>AUGUST 2018</b>												
Opening Balance	86,849	60,589	1,319	13,506	362,439	2	14,163	24,838	12,681	202	1,740	578,328
Domestic production	486,140	39,945	37,740	2,071	61,300	-	-	5,123	-	-	-	632,319
Imports	-	-	-	2,059	272,737	-	3,155	-	2,450	-	3,280	283,681
<b>Total Availability</b>	<b>572,989</b>	<b>100,534</b>	<b>39,059</b>	<b>17,636</b>	<b>696,476</b>	<b>2</b>	<b>17,318</b>	<b>29,961</b>	<b>15,131</b>	<b>202</b>	<b>5,020</b>	<b>1,494,328</b>
Offtake	430,696	57,911	33,166	2,756	79,067	-	3,008	4,603	2,133	-	3,239	616,579
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	-	-	-	-	4,480	-	-	-	-	-	-	4,480
Adjustment (-)	10,857	-	-	-	4,584	-	-	-	-	-	-	15,441
<b>National Inventory</b>	<b>131,436</b>	<b>42,623</b>	<b>5,893</b>	<b>14,880</b>	<b>617,305</b>	<b>2</b>	<b>14,310</b>	<b>25,358</b>	<b>12,998</b>	<b>202</b>	<b>1,781</b>	<b>866,788</b>
<b>SEPTEMBER, 2018</b>												
Opening Balance	131,436	42,623	5,893	14,880	617,305	2	14,310	25,358	12,998	202	1,781	866,788
Domestic production	466,282	40,127	36,936	8,807	76,225	-	-	3,103	-	-	-	631,480
Imports	-	-	-	3,094	237,864	-	5,310	-	3,839	-	4,858	254,965
<b>Total Availability</b>	<b>597,718</b>	<b>82,750</b>	<b>42,829</b>	<b>26,781</b>	<b>931,394</b>	<b>2</b>	<b>19,620</b>	<b>28,461</b>	<b>16,837</b>	<b>202</b>	<b>6,639</b>	<b>1,753,233</b>
Offtake	482,417	18,449	7,251	9,699	198,945	-	8,839	10,193	6,360	-	2,125	744,278
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	-	-	-	-	4,325	-	-	-	-	-	-	4,325
Adjustments (-)	-	-	-	-	4,325	-	-	-	-	-	-	4,325
<b>National Inventory</b>	<b>115,301</b>	<b>64,301</b>	<b>35,578</b>	<b>17,082</b>	<b>732,449</b>	<b>2</b>	<b>10,781</b>	<b>18,268</b>	<b>10,477</b>	<b>202</b>	<b>4,514</b>	<b>1,008,955</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

Description	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>OCTOBER, 2018</b>												
Opening Balance	115,301	64,301	35,578	17,082	732,449	2	10,781	18,268	10,477	202	4,514	1,008,955
Domestic production	559,122	36,118	40,153	12,979	55,710	-	-	14,966	-	-	-	719,048
Imports	-	-	-	3,838	238,799	-	4,682	-	2,033	-	11,525	260,877
<b>Total Availability</b>	<b>674,423</b>	<b>100,419</b>	<b>75,731</b>	<b>33,899</b>	<b>1,026,958</b>	<b>2</b>	<b>15,463</b>	<b>33,234</b>	<b>12,510</b>	<b>202</b>	<b>16,039</b>	<b>1,988,880</b>
Offtake	465,071	34,960	47,004	24,048	521,249	-	4,109	12,320	3,635	-	4,965	1,117,361
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	3,700	-	-	-	16,960	-	137	-	4	-	-	20,801
Adjustments (-)	-	-	-	-	14,349	-	-	-	-	-	-	14,349
<b>National Inventory</b>	<b>213,052</b>	<b>65,459</b>	<b>28,727</b>	<b>9,851</b>	<b>508,320</b>	<b>2</b>	<b>11,491</b>	<b>20,914</b>	<b>8,879</b>	<b>202</b>	<b>11,074</b>	<b>877,971</b>
<b>NOVEMBER 2018</b>												
Opening Balance	213,052	65,459	28,727	9,851	508,320	2	11,491	20,914	8,879	202	11,074	877,971
Domestic production	527,506	41,203	37,879	12,854	66,483	-	-	4,840	-	-	-	690,765
Imports	-	-	5,200	-	221,339	-	1,232	-	550	-	1,567	229,888
<b>Total Availability</b>	<b>740,558</b>	<b>106,662</b>	<b>71,806</b>	<b>22,705</b>	<b>796,142</b>	<b>2</b>	<b>12,723</b>	<b>25,754</b>	<b>9,429</b>	<b>202</b>	<b>12,641</b>	<b>1,798,624</b>
Offtake	496,923	23,262	31,303	22,382	264,586	-	2,324	4,998	2,740	-	4,652	853,170
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	1,703	-	-	-	10,713	-	-	-	91	-	-	12,507
Adjustments (-)	-	-	2,339	-	10,600	-	-	-	-	-	-	12,939
<b>National Inventory</b>	<b>245,338</b>	<b>83,400</b>	<b>38,164</b>	<b>323</b>	<b>531,669</b>	<b>2</b>	<b>10,399</b>	<b>20,756</b>	<b>6,780</b>	<b>202</b>	<b>7,989</b>	<b>945,022</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

DESCRIPTION	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>DECEMBER, 2018</b>												
Opening Balance	245,338	83,400	38,164	323	531,669	2	10,399	20,756	6,780	202	7,989	945,022
Domestic production	511,887	40,088	55,436	3,758	63,538	-	-	423	-	-	-	675,130
Imports	105,126	-	2,800	440	89,906	-	956	-	213	1,137	735	201,313
<b>Total Availability</b>	<b>862,351</b>	<b>123,488</b>	<b>96,400</b>	<b>4,521</b>	<b>685,113</b>	<b>2</b>	<b>11,355</b>	<b>21,179</b>	<b>6,993</b>	<b>1,339</b>	<b>8,724</b>	<b>1,821,465</b>
Offtake	710,890	44,728	29,739	6,148	189,045	-	5,821	1,397	1,864	-	6,199	995,831
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	23,359	-	8	2,000	9,908	-	-	-	-	-	-	35,275
Adjustments (-)	-	-	4	-	10,135	-	-	-	-	-	-	10,139
<b>National Inventory</b>	<b>174,820</b>	<b>78,760</b>	<b>66,665</b>	<b>373</b>	<b>495,841</b>	<b>2</b>	<b>5,534</b>	<b>19,782</b>	<b>5,129</b>	<b>1,339</b>	<b>2,525</b>	<b>850,770</b>
<b>JANUARY, 2019</b>												
Opening Balance	174,820	78,760	66,665	373	495,841	2	5,534	19,782	5,129	1,339	2,525	850,770
Domestic production	460,151	42,257	46,995	4,987	30,723	-	-	4,951	-	-	-	590,064
Imports	-	-	3,000	1,687	39,291	-	3,436	-	6,058	19,671	11,262	84,405
<b>Total Availability</b>	<b>634,971</b>	<b>121,017</b>	<b>116,660</b>	<b>7,047</b>	<b>565,855</b>	<b>2</b>	<b>8,970</b>	<b>24,733</b>	<b>11,187</b>	<b>21,010</b>	<b>13,787</b>	<b>1,525,239</b>
Offtake	563,652	78,263	53,955	4,327	74,621	-	2,142	3,851	2,205	4,334	7,310	794,660
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	516	-	-	-	6,687	-	4	12	44	17	-	7,280
Adjustments (-)	-	-	-	-	6,917	-	-	-	-	-	-	6,917
<b>National Inventory</b>	<b>71,835</b>	<b>42,754</b>	<b>62,705</b>	<b>2,720</b>	<b>491,004</b>	<b>2</b>	<b>6,832</b>	<b>20,894</b>	<b>9,026</b>	<b>16,693</b>	<b>6,477</b>	<b>730,942</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>FEBRUARY 2019</b>												
Opening Balance	71,835	42,754	62,705	2,720	491,004	2	6,832	20,894	9,026	16,693	6,477	730,942
Domestic production	373,424	42,131	48,593	6,594	60,989	-	-	11,890	-	-	-	543,621
Imports	-	-	3,000	382	7,438	-	4,651	-	2,539	1,319	1,936	21,265
<b>Total Availability</b>	<b>445,259</b>	<b>84,885</b>	<b>114,298</b>	<b>9,696</b>	<b>559,431</b>	<b>2</b>	<b>11,483</b>	<b>32,784</b>	<b>11,565</b>	<b>18,012</b>	<b>8,413</b>	<b>1,295,828</b>
Offtake	388,197	46,059	15,967	2,989	48,533	-	2,849	6,577	1,956	2,808	4,120	520,055
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	-	-	-	-	2,067	-	-	363	-	31	-	2,461
Adjustments (-)	1,993	-	-	-	2,205	-	-	-	-	-	-	4,198
<b>National Inventory</b>	<b>55,069</b>	<b>38,826</b>	<b>98,331</b>	<b>6,707</b>	<b>510,760</b>	<b>2</b>	<b>8,634</b>	<b>26,570</b>	<b>9,609</b>	<b>15,235</b>	<b>4,293</b>	<b>774,036</b>
<b>MARCH 2019</b>												
Opening Balance	55,069	38,826	98,331	6,707	510,760	2	8,634	26,570	9,609	15,235	4,293	774,036
Domestic production	491,289	25,936	26,069	6,218	74,920	-	3,363	8,443	-	-	-	636,238
Imports	-	-	-	2,251	82,529	-	7,349	-	3,870	756	5,163	101,918
<b>Total Availability</b>	<b>546,358</b>	<b>64,762</b>	<b>124,400</b>	<b>15,176</b>	<b>668,209</b>	<b>2</b>	<b>19,346</b>	<b>35,013</b>	<b>13,479</b>	<b>15,991</b>	<b>9,456</b>	<b>1,512,192</b>
Offtake	408,461	21,943	17,213	5,510	65,475	-	3,271	11,064	1,490	1,362	4,330	540,119
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	364	-	-	-	1,779	-	-	-	-	-	-	2,143
Adjustments (-)	2,764	-	-	-	2,331	-	3	-	114	-	-	5,212
<b>National Inventory</b>	<b>135,497</b>	<b>42,819</b>	<b>107,187</b>	<b>9,666</b>	<b>602,182</b>	<b>2</b>	<b>16,072</b>	<b>23,949</b>	<b>11,875</b>	<b>14,629</b>	<b>5,126</b>	<b>969,004</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

(Tonnes)

Product	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>APRIL 2019</b>												
Opening Balance	135,497	42,819	107,187	9,666	602,182	2	16,072	23,949	11,875	14,629	5,126	969,004
Domestic Production	494,791	28,964	36,105	9,747	72,753	-	875	6,560	-	-	-	649,795
Import	-	-	-	1,780	34,202	-	4,037	-	1,783	500	6,511	48,813
<b>Total Availability</b>	<b>630,288</b>	<b>71,783</b>	<b>143,292</b>	<b>21,193</b>	<b>709,137</b>	<b>2</b>	<b>20,984</b>	<b>30,509</b>	<b>13,658</b>	<b>15,129</b>	<b>11,637</b>	<b>1,667,612</b>
Offtake	292,425	48,697	64,720	3,857	86,170	-	2,267	5,376	2,022	865	5,759	512,158
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	173	15,679	3,016	-	7,528	-	-	-	-	-	-	26,396
Adjustment (-)	694	-	-	-	10,821	-	2	16,023	-	-	-	27,540
<b>Closing Balance</b>	<b>337,342</b>	<b>38,765</b>	<b>81,588</b>	<b>17,336</b>	<b>619,674</b>	<b>2</b>	<b>18,715</b>	<b>9,110</b>	<b>11,636</b>	<b>14,264</b>	<b>5,878</b>	<b>1,154,310</b>
<b>MAY 2019</b>												
Opening balance	337,342	38,765	81,588	17,336	619,674	2	18,715	9,110	11,636	14,264	5,878	1,154,310
Domestic Production	527,064	38,462	47,735	1,362	75,512	-	869	4,996	-	-	-	696,000
Import	-	-	-	1,862	21,272	-	4,379	-	1,297	4,335	5,342	38,487
<b>Total Availability</b>	<b>864,406</b>	<b>77,227</b>	<b>129,323</b>	<b>20,560</b>	<b>716,458</b>	<b>2</b>	<b>23,963</b>	<b>14,106</b>	<b>12,933</b>	<b>18,599</b>	<b>11,220</b>	<b>1,888,797</b>
Offtake	592,525	45,551	67,842	3,141	213,024	-	1,609	4,094	653	6,210	5,696	940,345
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	1	-	-	-	12,607	-	-	2	1	38	-	12,649
Adjustment (-)	5,470	1	-	-	12,862	-	-	10	-	-	-	18,343
<b>Closing balance</b>	<b>266,412</b>	<b>31,675</b>	<b>61,481</b>	<b>17,419</b>	<b>503,179</b>	<b>2</b>	<b>22,354</b>	<b>10,004</b>	<b>12,281</b>	<b>12,427</b>	<b>5,524</b>	<b>942,758</b>

## TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL, 2018 TO JUNE 2019

Product	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
<b>JUNE 2019</b>												
Opening Balance	266,412	31,675	61,481	17,419	503,179	2	22,354	10,004	12,281	12,427	5,524	942,758
Domestic Production	557,618	38,361	40,865	-	71,162	-	667	7,651	-	-	-	716,324
Import	-	-	-	3,000	82,856	-	4,487	-	-	-	6,681	97,024
<b>Total Availability</b>	<b>824,030</b>	<b>70,036</b>	<b>102,346</b>	<b>20,419</b>	<b>657,197</b>	<b>2</b>	<b>27,508</b>	<b>17,655</b>	<b>12,281</b>	<b>12,427</b>	<b>12,205</b>	<b>1,756,106</b>
Offtake	642,577	21,716	25,446	7,316	157,743	-	1,354	4,259	1,762	1,858	5,920	869,951
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)	45	-	-	-	15,755	-	-	-	-	-	-	15,800
Adjustment (-)	3,804	-	-	-	11,176	-	1	1	-	-	-	14,982
<b>Closing Balance</b>	<b>177,694</b>	<b>48,320</b>	<b>76,900</b>	<b>13,103</b>	<b>504,033</b>	<b>2</b>	<b>26,153</b>	<b>13,395</b>	<b>10,519</b>	<b>10,569</b>	<b>6,285</b>	<b>886,973</b>

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## ANNEX-11

## PRODUCT WISE SUPPLY DEMAND SITUATION DURING FISCAL YEAR 2018-19

Description	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	105,325	120,141	11,802	12,267	408,590	2	15,365	25,964	15,871	202	1,992	717,521
Domestic Production	5,933,379	453,299	495,194	76,059	782,636	-	5,774	77,631	-	-	-	7,823,972
Imports	105,126	-	14,000	22,781	1,510,546	-	47,459	-	25,681	27,718	59,360	1,812,671
<b>Total Availability</b>	<b>6,143,830</b>	<b>573,440</b>	<b>520,996</b>	<b>111,107</b>	<b>2,701,772</b>	<b>2</b>	<b>68,598</b>	<b>103,595</b>	<b>41,552</b>	<b>27,920</b>	<b>61,352</b>	<b>10,354,164</b>
Offtake	5,970,468	540,798	449,778	102,004	2,200,248	0	42,580	74,543	31,259	17,437	55,067	9,484,182
Exports	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments(+/-)	4,332	15,678	5,682	4,000	2,509	0	135	-15,657	226	86	0	16,991
<b>Closing Balnce</b>	<b>177,694</b>	<b>48,320</b>	<b>76,900</b>	<b>13,103</b>	<b>504,033</b>	<b>2</b>	<b>26,153</b>	<b>13,395</b>	<b>10,519</b>	<b>10,569</b>	<b>6,285</b>	<b>886,973</b>

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND  
USE PER HECTARE DURING 2018-19**

(Tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
<b>PUNJAB</b>						
Attock	7,736	2,038	27	9,801	242	40
Bahawalpur	140,910	49,343	1,145	191,397	693	276
Bhakkar	22,907	8,001	271	31,180	836	37
Bahawal Nagar	110,954	31,657	1,004	143,616	829	173
Chakwal	1,656	729	-	2,385	260	9
Chiniot	36,152	12,377	1,236	49,765	297	168
Dera Ghazi Khan	74,599	24,070	127	98,796	418	236
Faisalabad	66,850	20,351	1,198	88,399	685	129
Gujranwala	110,990	34,946	1,181	147,117	533	276
Gujrat	8,566	3,537	59	12,162	311	39
Hafizabad	47,559	14,112	543	62,215	338	184
Islamabad	-	-	-	-	24	0
Jhang	73,396	22,072	634	96,101	634	152
Jhelum	723	332	3	1,058	110	10
Kasur	64,065	21,101	936	86,103	501	172
Khanewal	96,714	37,609	1,504	135,828	521	261
Khushab	4,091	1,454	30	5,575	479	12
Lahore	33,226	12,417	589	46,231	167	277
Layyah	52,940	15,100	1,011	69,050	535	129
Lodran	110,699	28,727	618	140,044	455	308
Mandi Bahauddin	56,117	15,900	525	72,541	306	237
Muzaffar Garh	94,327	27,295	842	122,463	665	184
Mianwali	12,560	4,468	235	17,263	360	48
Multan	141,267	52,236	1,691	195,194	433	451
Nankana	26,361	7,731	117	34,209	305	112
Narowal	63,550	14,508	412	78,470	289	272
Okara	102,171	29,721	2,125	134,018	607	221
Pakpattan	69,198	26,963	883	97,043	414	234
Rahim Yar Khan	189,141	64,215	2,223	255,579	776	329
Rajanpur	64,948	18,020	275	83,243	411	203
Rawalpindi	16,391	3,365	26	19,782	227	87
Sahiwal	77,461	26,386	774	104,622	433	242
Sargodha	37,122	12,801	886	50,809	555	92
Sheikhupura	60,095	21,278	709	82,081	505	163
Sialkot	22,193	7,709	499	30,400	407	75
Toba Tek Singh	52,253	18,394	979	71,625	401	179
Vehari	138,251	43,956	1,833	184,040	661	278
New distributors	35,244	75,467	11,839	122,550	-	-
<b>PUNJAB</b>	<b>2,323,383</b>	<b>810,383</b>	<b>38,989</b>	<b>3,172,755</b>	<b>16,930</b>	<b>187.4</b>

1-Multan is a big fertilizer markets and use may not depict true picture.

2- Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

3) Cropped area is taken from Punjab Development Statistics, 2017.

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND  
USE PER HECTARE DURING 2018-19**

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	(Tonnes)
						Nutrient Use Rate (Kg/ha)
<b>SINDH</b>						
Badin	53,789	20,662	574	75,024	327	229
Dadu	32,112	8,660	14	40,785	154	265
Ghotki	72,591	24,583	346	97,520	266	367
Hyderabad	35,201	12,630	277	48,107	45	1069
Jacobabad	17,228	5,604	135	22,967	131	175
Jamshoro	7,713	2,152	3	9,868	76	130
Karachi	23,677	11,267	187	35,132	4	8783
Kashmore	38,432	10,729	49	49,210	138	357
Khairpur	32,533	8,099	214	40,847	274	149
Larkana	22,861	8,330	29	31,220	177	176
Malir	361	5	2	368	-	-
Mirpurkhas	75,049	22,584	931	98,564	206	478
Matiari	32,108	10,260	613	42,981	124	347
Noshero Feroz	93,744	35,281	789	129,814	191	680
Shaheed Benazir Abad	71,753	16,925	861	89,539	217	413
Sanghar	99,869	20,521	986	121,377	295	411
Qamber Shahdad Kot	21,995	7,031	149	29,175	153	191
Shikarpur	12,417	3,140	38	15,595	163	96
Sujawal	1,356	140	-	1,496	-	-
Sukkur	42,263	11,004	133	53,400	103	518
Tando Allah Yar	22,895	7,527	1,187	31,610	104	304
Tharparkar	-	-	-	-	155	-
Thatta	13,140	3,105	334	16,579	194	85
Tando muhammad khan	15,897	2,100	54	18,051	72	251
Umerkot	4,984	1,266	105	6,354	112	57
New distributers	5,855	10,600	960	17,415	-	-
<b>SIND</b>	<b>849,824</b>	<b>264,204</b>	<b>8,969</b>	<b>1,122,997</b>	<b>3,600</b>	<b>312</b>

1-Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.

2- Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

3) Cropped area is taken from Development Statistics of Sindh, 2018.

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND  
USE PER HECTARE DURING 2018-19**

District	(Tonnes)					
	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
<b>KP</b>						
Abbotabad	1,000	209	5	1,215	59	21
Bajaur agency	2,111	815	11	2,936	70	42
Bannu	2,059	931	5	2,994	42	72
Battagram	67	1	0	69	28	3
Buner	979	470	483	1,932	104	19
Charsadha	6,330	1,422	156	7,908	97	82
Chitral	14	14	-	28	27	1
Dera Ismail Khan	13,877	5,232	711	19,820	157	126
Dir	3,522	1,122	-	4,645	124	37
Hangu	-	-	-	-	34	0
Haripur	979	331	13	1,323	84	16
Karak	11	9	-	20	31	1
Khyber agency	44	14	-	58	24	2
Kohat	1,577	434	3	2,013	67	30
Kohistan	8	7	-	15	29	1
Kurram agency	755	145	-	900	19	48
Lakki Marwat	1,293	502	3	1,798	38	48
Malakand	4,073	1,041	4	5,119	50	102
Mansehra	2,782	737	350	3,869	103	38
Mardan	22,360	5,717	547	28,624	115	248
Mohmand agency	159	53	-	212	28	8
North Waziristan agency	-	-	-	-	15	0
Nowshera	4,826	579	14	5,419	61	89
Orakzai agency	-	-	-	-	12	0
Peshawar	21,603	5,594	105	27,302	82	333
South Waziristan agency	7	7	-	14	22	1
Shangla	10,136	2,782	41	12,959	79	164
Swabi	8,121	837	440	9,398	89	105
Swat	21,867	6,925	517	29,310	180	163
Tank	82	62	-	144	15	7
New distributors	3140	4590	183	7,913	-	-
<b>KP</b>	<b>133,781</b>	<b>40,583</b>	<b>3,591</b>	<b>177,955</b>	<b>1,860</b>	<b>95.7</b>

1) Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2019.

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND  
USE PER HECTARE DURING 2018-19**

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	(Tonnes)
						Nutrient Use Rate (Kg/ha)
<b>BALUCHISTAN</b>						
Awaran	1,726	34	-	1,760	27	66
Barkhan	256	55	2	313	20	16
Kachhi (Bolan)	319	114	-	433	24	18
Chagai	844	140	5	989	7	133
Dera Bugti	-	-	-	-	27	-
Gwadar	-	-	-	-	3	-
Harnai	647	107	7	761	6	119
Jafarabad	19,190	5,298	45	24,532	216	114
Jhal Magsi	4,847	1,324	30	6,201	70	88
Kalat	802	213	59	1,074	17	64
Kech (Turbat)	-	-	-	-	42	-
Kharan	5,070	1,474	32	6,576	17	397
Khuzdar	15,248	2,467	282	17,997	71	253
Kohlu	-	-	-	-	4	-
Lasbela	20,867	4,103	284	25,254	40	636
Loralai	265	80	6	350	31	11
Mastung	-	-	-	-	17	-
Musakhel	-	-	-	-	6	-
Nasirabad	7,623	2,573	3	10,199	191	53
Nushki	149	13	-	162	15	11
Panjkur	-	-	-	-	26	-
Pishin	5,646	2,161	680	8,488	25	346
Qila Saifullah	742	131	3	876	87	10
Qila Abdullah	39	39	14	92	12	8
Quetta	6,022	2,684	81	8,787	9	973
Shirani	-	-	-	-	2	-
Sibi	3,709	624	10	4,343	22	194
Washuk	-	-	-	-	9	-
Zhob	975	133	-	1,108	16	68
Ziarat	-	-	-	-	5	-
New Distributer	5,426	14,206	288	19,920	-	-
<b>Balochistan</b>	<b>100,411</b>	<b>37,975</b>	<b>1,831</b>	<b>140,216</b>	<b>1,060</b>	<b>132.3</b>
<b>Pakistan</b>	<b>3,407,676</b>	<b>1,153,342</b>	<b>53,374</b>	<b>4,614,399</b>	<b>23,450</b>	<b>196.8</b>

1-Quetta is big fertilizer market and use may not depict true picture.

2- Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

3) Cropped area is taken from Development Statistics of Balochistan, 2016-17.

## DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2018-19

													(Tonnes)
Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	10,059	7,793	2,011	3,398	-	-	5	-	29	-	59	-	23,353
Bahawalpur	245,323	24,080	17,030	96,754	1,135	-	478	871	849	1,067	1,126	22	388,734
Bhakkar	37,796	7,822	2,485	15,600	20	-	-	74	73	-	1,058	-	64,928
Bahawal Nagar	196,747	23,635	12,973	61,363	357	-	295	1,191	403	754	931	21	298,670
Chakwal	2,247	1,203	180	1,491	-	-	10	-	-	-	-	-	5,131
Chiniot	66,095	1,474	3,400	24,313	79	-	249	832	940	337	1,422	11	99,152
Dera Ghazi Khan	131,554	14,451	6,631	48,475	375	-	142	152	47	120	129	11	202,086
Faisalabad	123,158	5,298	5,947	39,689	425	-	687	700	901	448	1,719	5	178,976
Gujranwala	200,712	15,377	7,909	70,354	350	-	2,597	854	1,108	527	498	28	300,314
Gujrat	14,676	782	720	7,255	-	-	17	35	29	683	135	-	24,332
Hafizabad	90,273	963	2,866	27,597	270	-	2,281	297	385	196	910	71	126,108
Islamabad	-	-	-	-	-	-	-	-	-	-	-	-	-
Jhang	134,249	5,175	12,031	40,967	481	-	365	760	231	191	643	-	195,093
Jhelum	767	925	-	721	-	-	-	6	-	-	-	-	2,419
Kasur	114,830	8,397	5,439	42,604	120	-	506	1,051	556	445	430	10	174,388
Khanewal	164,866	14,615	15,884	72,078	531	-	703	1,567	630	677	1,954	67	273,573
Khushab	7,480	53	475	2,904	8	-	-	37	13	8	21	-	10,999
Lahore	59,353	2,379	2,892	24,625	276	-	120	406	301	312	1,141	37	91,842
Layyah	94,003	11,670	5,305	28,862	565	-	267	558	860	287	1,204	5	143,587
Lodran	201,276	21,238	13,075	52,063	317	-	7,719	633	217	429	952	11	297,930
Mandi Bahauddin	107,462	3,096	4,014	26,466	250	-	13,256	299	228	81	1,347	1	156,499
Muzaffar Garh	157,302	38,096	9,706	53,176	794	-	194	925	408	385	770	33	261,790
Mianwali	22,220	1,231	1,592	8,687	-	-	30	60	196	176	480	3	34,675
Multan	195,443	91,455	48,596	86,985	353	-	2,003	1,562	728	766	2,749	52	430,692
Nankana	48,763	2,428	2,043	15,376	320	-	50	143	59	94	57	-	69,334
Narowal	127,093	1,180	2,979	22,169	11	-	19,034	345	146	105	844	12	173,917
Okara	185,536	14,717	10,415	56,187	634	-	3,726	1,800	1,417	1,131	2,086	25	277,673
Pakpattan	114,361	17,696	10,080	51,968	422	-	318	458	487	432	2,010	41	198,272
Rahim Yar Khan	339,705	19,531	16,708	128,264	1,068	-	1,289	2,288	923	1,193	3,010	138	514,117
Rajanpur	118,897	9,766	5,024	35,616	632	-	526	281	149	280	249	1	171,421
Rawalpindi	30,760	3,153	1,220	6,334	-	-	946	-	44	5	-	-	42,462
Sahiwal	135,152	14,482	8,471	52,493	106	-	3	653	434	59	1,048	-	212,900
Sargodha	62,667	6,202	10,360	20,860	397	-	788	631	128	412	2,798	18	105,260
Sheikhupura	108,992	4,409	3,584	44,046	319	-	69	1,198	164	85	67	10	162,944
Sialkot	40,971	533	1,171	15,598	61	-	333	145	485	298	755	32	60,380
Toba Tek Singh	90,995	7,819	8,151	34,524	356	-	193	931	295	191	1,885	12	145,351
Vehari	239,099	34,314	16,559	84,239	724	-	3,792	1,485	1,372	727	1,491	57	383,858
New distributors	-	-	5,502	158,859	-	-	20,940	10,741	10,792	29,142	-	-	235,976
<b>Punjab Total</b>	<b>4,020,883</b>	<b>437,437</b>	<b>283,424</b>	<b>1,562,961</b>	<b>11,756</b>	<b>-</b>	<b>83,930</b>	<b>33,968</b>	<b>26,024</b>	<b>42,043</b>	<b>35,978</b>	<b>734</b>	<b>6,539,138</b>

Source: Respective Marketing Agencies.

Note: 1. Consolidated offtake have been shown for new distributors, because district-wise data is not available.

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. PAK Arab, 6. DHCL, 7. LCFL, 8. Agritech

## DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2018-19

(Tonnes)

Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
<b>SINDH</b>													
Badin	95,777	2,879	6,060	40,381	204	-	836	376	36	360	2,038	27	148,974
Dadu	61,304	1,260	1,567	17,811	135	-	126	4	2	3	59	161	82,431
Ghotki	132,809	3,930	6,138	49,302	664	-	430	342	193	453	335	9	194,605
Hyderabad	52,827	13,545	17,045	18,403	45	-	398	253	3	150	822	12	103,503
Jacobabad	31,385	2,068	641	11,266	80	-	828	140	-	196	363	147	47,113
Jamshoro	14,780	-	553	4,343	51	-	-	5	-	-	2	-	19,734
Karachi	40,910	874	1,747	23,102	360	-	-	142	120	-	249	-	67,504
Kashmore	73,845	555	1,145	21,979	210	-	1,304	45	30	373	49	22	99,557
Khairpur	61,857	2,603	1,695	16,063	415	-	126	145	96	36	472	1	83,509
Larkana	42,546	14	291	17,678	207	-	39	31	-	32	79	63	60,979
Malir	778	-	-	3	4	-	-	-	-	-	11	-	796
Mirpurkhas	119,413	19,720	42,899	25,160	322	-	1,916	764	27	1,012	3,008	47	214,287
Matiali	55,542	5,510	7,033	17,609	137	-	531	459	23	264	2,055	28	89,189
Noshero Feroz	158,984	21,003	9,698	68,418	1,495	-	1,110	418	107	416	2,911	41	264,601
Shaheed Benazir Abad	133,914	10,084	5,699	32,489	225	-	1,038	892	138	488	1,885	28	186,880
Sanghar	189,005	9,872	15,407	34,992	352	-	916	640	266	632	2,776	44	254,902
Qambar Shahdad Kot	41,487	523	330	14,544	146	-	504	115	16	110	465	291	58,531
Shikarpur	23,916	603	441	6,053	35	-	1,173	35	-	270	114	8	32,647
Sujawal	2,828	-	-	305	-	-	-	-	-	-	-	-	3,133
Sukkur	79,874	3,216	2,570	22,507	80	-	64	175	64	149	40	18	108,757
Tando Allah Yar	42,151	-	1,499	13,390	308	-	897	912	1	818	4,024	27	64,026
Tharparkar	-	-	-	-	-	-	-	-	-	-	-	-	-
Thatta	22,883	3,579	3,032	4,544	86	-	125	252	7	390	1,143	14	36,055
Tando Muhammad Khan	32,744	-	32	4,398	10	-	172	35	2	40	193	2	37,628
Umerkot	8,613	829	2,144	1,434	25	-	217	98	12	114	272	-	13,757
New distributors	-	-	5,579	23,889	-	-	123	633	1,119	2,801	-	-	34,144
<b>SindhTotal</b>	<b>1,520,171</b>	<b>102,665</b>	<b>133,243</b>	<b>490,062</b>	<b>5,596</b>	<b>-</b>	<b>12,873</b>	<b>6,910</b>	<b>2,260</b>	<b>9,107</b>	<b>23,365</b>	<b>990</b>	<b>2,307,242</b>

Source: Respective Marketing Agencies.

Note: 1. Consolidated offtake have been shown for new distributors, because district-wise data is not available.

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. PAK Arab, 6. DHCL, 7. LCFL, 8. Agritech



## DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2018-19

(Tonnes)

Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
<b>BALUCHISTAN</b>													
Awaran	3,723	-	-	74	-	-	-	-	-	-	-	-	3,797
Barkhan	510	-	-	119	-	-	-	-	3	-	-	-	632
Kachhi (Bolan)	597	-	-	248	-	-	-	-	-	-	-	-	845
Chagai	1,716	-	-	304	-	-	-	10	-	-	-	-	2,030
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	1,306	-	30	218	-	-	-	-	12	-	-	-	1,566
Jafarabad	37,011	30	567	11,001	77	-	131	22	-	-	188	-	49,026
Jhal Magsi	9,411	-	-	2,878	-	-	-	38	19	-	-	-	12,346
Kalat	1,457	-	109	289	-	-	-	8	-	10	320	-	2,193
Kech (Turbat)	-	-	-	-	-	-	-	-	-	-	-	-	-
Kharan	9,703	-	210	3,100	-	-	-	28	30	-	-	-	13,071
Khuzdar	30,673	-	1,016	4,360	-	-	20	24	143	20	1,038	-	37,293
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	40,990	125	2,355	7,242	-	-	30	184	25	36	984	62	52,033
Loralai	494	-	10	151	-	-	10	1	-	23	29	-	718
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	13,723	-	2,173	4,497	-	-	15	3	-	-	9	-	20,420
Nushki	312	-	-	29	-	-	-	-	-	-	-	-	341
Panjour	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	8,436	-	4,000	1,332	-	-	243	194	359	255	2,141	7	16,966
Qila Saifullah	1,395	-	330	113	-	-	-	-	-	5	18	-	1,861
Qila Abdullah	-	-	120	-	-	-	-	2	4	-	65	-	191
Quetta	8,642	-	5,938	2,216	-	-	128	35	35	54	250	17	17,316
Sibi	7,500	-	103	1,306	-	-	-	19	1	-	-	-	8,928
Zhob	2,005	-	-	290	-	-	-	-	-	-	-	-	2,295
Ziarat	-	-	-	-	-	-	-	-	-	-	-	-	-
New distributors	-	-	-	32,277	-	-	-	71	419	740	-	-	33,507
<b>Balochistan Total</b>	<b>179,603</b>	<b>155</b>	<b>16,961</b>	<b>72,044</b>	<b>77</b>	<b>-</b>	<b>577</b>	<b>637</b>	<b>1,050</b>	<b>1,143</b>	<b>5,042</b>	<b>86</b>	<b>277,375</b>
<b>Pakistan Total</b>	<b>5,970,468</b>	<b>540,798</b>	<b>449,778</b>	<b>2,200,248</b>	<b>17,437</b>	<b>-</b>	<b>102,004</b>	<b>42,581</b>	<b>31,258</b>	<b>55,066</b>	<b>74,543</b>	<b>1,826</b>	<b>9,486,008</b>

Source: Respective Marketing Agencies.

Note: 1. Consolidated offtake have been shown for new distributors, because district-wise data is not available.

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. PAK Arab, 6. DHCL, 7. LCFL, 8. Agritech

## FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING KHARIF (2017 AND 2018)

## KHARIF 2017

		(Tonnes)						
PRODUCT	SOURCE	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	Fatimafert (DHCL)	23,399	21,143	-	-	-	-	44,542
UREA	EFERT	164,151	166,658	165,118	168,450	166,539	121,673	952,589
UREA	Agritech (PAFL)	263	32,427	33,209	20,832	27,600	-	114,331
UREA	PAK ARAB	10,171	4,442	-	-	3,800	3,288	21,701
UREA (PSFL)	FFC	72,002	72,620	71,203	72,475	72,276	69,673	430,249
UREA (PRILLED)	FFC	135,666	149,117	141,875	145,859	146,115	140,566	859,198
UREA (GRANULAR)	FFBL	51,964	56,377	50,458	56,580	52,678	50,210	318,267
UREA	Fatima Fertilizer	4,212	45,580	35,333	36,945	46,000	47,610	215,680
	<b>TOTAL UREA</b>	<b>461,828</b>	<b>548,364</b>	<b>497,196</b>	<b>501,141</b>	<b>515,008</b>	<b>433,020</b>	<b>2,956,557</b>
NP	PAK ARAB	31,682	32,720	29,076	20,207	31,000	12,053	156,738
NP	EFERT	9,413	8,093	5,742	8,864	5,704	1,808	39,624
NP	Fatima Fertilizer	4,779	34,245	31,352	31,945	34,500	34,111	170,932
	<b>TOTAL</b>	<b>45,874</b>	<b>75,058</b>	<b>66,170</b>	<b>61,016</b>	<b>71,204</b>	<b>47,972</b>	<b>367,294</b>
SSP (J. WAL 18%)	AL HAMD	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	4,513	2,731	1,812	5,775	6,990	6,908	28,729
SSP	Suraj Fertilizers	-	-	2,703	-	-	-	2,703
SSP	Safi Chemicals	-	-	-	-	-	-	-
SSP	<b>TOTAL</b>	<b>4,513</b>	<b>2,731</b>	<b>4,515</b>	<b>5,775</b>	<b>6,990</b>	<b>6,908</b>	<b>31,432</b>
CAN	PAK ARAB	31,562	24,211	20,533	15,263	23,000	7,357	121,926
CAN	Fatima Fertilizer	9,604	39,787	37,029	38,616	37,500	38,361	200,897
	<b>TOTAL</b>	<b>41,166</b>	<b>63,998</b>	<b>57,562</b>	<b>53,879</b>	<b>60,500</b>	<b>45,718</b>	<b>322,823</b>
DAP	FFC	72,023	73,938	71,847	69,852	73,859	71,714	433,233
NPKs (Various grades)	EFERT	5,470	4,746	3,132	9,058	6,267	1,117	29,790
NPK (2:20:3)	Safi Chemicals	928	680	10	15	20	40	1,693
	<b>GRAND TOTAL</b>	<b>631,802</b>	<b>769,515</b>	<b>700,432</b>	<b>700,736</b>	<b>733,848</b>	<b>606,489</b>	<b>4,142,822</b>
	NITROGEN	246,950	299,361	272,193	272,302	283,227	235,206	1,609,239
	PHOSPHATE	44,529	50,670	49,761	49,000	52,770	45,464	292,194
	POTASH	1,065	909	555	1,623	1,101	197	5,450
	<b>TOTAL</b>	<b>292,544</b>	<b>350,940</b>	<b>322,509</b>	<b>322,925</b>	<b>337,098</b>	<b>280,867</b>	<b>1,906,883</b>

## FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING KHARIF (2017 AND 2018)

## KHARIF 2018

(Tonnes)

PRODUCT	SOURCE	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	Fatimafert (DHCL)	-	-	-	-	-	-	-
UREA	EFERT	122,923	83,543	138,839	160,375	172,350	164,551	842,581
UREA	Agritech (PAFL)	-	-	-	-	-	4,484	4,484
UREA	PAK ARAB	-	-	-	-	-	-	-
UREA (PSFL)	FFC	72,185	74,136	70,841	73,198	72,640	70,429	433,429
UREA (PRILLED)	FFC	140,128	148,888	141,216	145,828	142,535	134,396	852,991
UREA (GRANULAR)	FFBL	53,114	51,817	52,800	52,217	57,553	48,468	315,969
UREA	Fatima Fertilizer	45,058	30,610	42,632	46,487	41,062	43,954	249,803
	<b>TOTAL UREA</b>	<b>433,408</b>	<b>388,994</b>	<b>446,328</b>	<b>478,105</b>	<b>486,140</b>	<b>466,282</b>	<b>2,699,257</b>
NP	PAK ARAB	-	-	-	-	-	-	-
NP	EFERT	7,713	8,262	2,660	4,644	819	189	24,287
NP	Fatima Fertilizer	34,493	27,134	31,836	36,044	36,921	36,747	203,175
NP	<b>TOTAL</b>	<b>42,206</b>	<b>35,396</b>	<b>34,496</b>	<b>40,688</b>	<b>37,740</b>	<b>36,936</b>	<b>227,462</b>
SSP (J. WAL 18%)	AL HAMD	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	3,681	5,422	4,525	6,482	1,413	6,117	27,640
SSP	Suraj Fertilizers	-	-	-	200	658	2,690	3,548
SSP	Safi Chemicals	-	-	-	-	-	-	-
SSP	<b>TOTAL</b>	<b>3,681</b>	<b>5,422</b>	<b>4,525</b>	<b>6,682</b>	<b>2,071</b>	<b>8,807</b>	<b>31,188</b>
CAN	PAK ARAB	-	-	-	-	-	-	-
CAN	Fatima Fertilizer	40,092	34,716	34,115	39,707	39,945	40,127	228,702
CAN	TOTAL	40,092	34,716	34,115	39,707	39,945	40,127	228,702
DAP	FFC	30,945	62,100	71,185	73,321	61,300	76,225	375,076
NPKs (Various grades)	EFERT	6,271	3,879	3,653	4,685	5,123	3,103	26,714
NPK (2:20:3)	Safi Chemicals	-	-	-	-	-	-	-
	<b>GRAND TOTAL</b>	<b>556,603</b>	<b>530,507</b>	<b>594,302</b>	<b>643,188</b>	<b>632,319</b>	<b>631,480</b>	<b>3,588,399</b>
	NITROGEN	225,348	207,417	235,024	253,409	254,366	247,665	1,423,229
	PHOSPHATE	24,603	37,419	41,225	45,229	38,301	45,671	232,448
	POTASH	1,158	687	650	833	908	528	4,764
	<b>TOTAL</b>	<b>251,109</b>	<b>245,523</b>	<b>276,899</b>	<b>299,471</b>	<b>293,575</b>	<b>293,864</b>	<b>1,660,440</b>

## FERTILIZER IMPORTS DURING KHARIF 2017

(Tonnes)

MONTH	UREA	DAP	SSP	SOP	MOP	AS	TOTAL PRODUCT	NITROGEN TOTAL	PHOSPHATE TOTAL	POTASH TOTAL	TOTAL NUTRIENT
April	-	22,249	-	5,350	769	1,502	29,870	4,320	10,235	3,136	17,691
May	-	193,538	576	-	4,741	836	199,691	35,012	89,131	2,845	126,988
June	-	81,968	1138	2,674	905	-	86,685	14,754	37,910	1,880	54,544
July	-	302,997	2	5,706	3,009	-	311,714	54,539	139,379	4,658	198,577
August	-	125,617	-	4,889	4,814	12,385	147,705	25,212	57,784	5,333	88,329
Sep	-	140,569	-	6,450	8,371	1,470	156,860	25,611	64,662	8,248	98,520
<b>Total</b>	<b>-</b>	<b>866,938</b>	<b>1,716</b>	<b>25,069</b>	<b>22,609</b>	<b>16,193</b>	<b>932,525</b>	<b>159,449</b>	<b>399,100</b>	<b>26,100</b>	<b>584,650</b>

## FERTILIZER IMPORTS DURING KHARIF 2018

(Tonnes)

MONTH	UREA	DAP	SSP	SOP	MOP	AS	TOTAL PRODUCT	NITROGEN TOTAL	PHOSPHATE TOTAL	POTASH TOTAL	TOTAL NUTRIENT
April	-	44,885	1,607	4,477	2,289	1,780	55,038	8,453	20,936	3,612	33,001
May	-	183,074	1,003	5,177	1,924	208	191,386	32,997	84,395	3,743	121,134
June	-	141,985	1163	521	3,259	-	146,928	25,557	65,522	2,216	93,296
July	-	182,313	2,388	3,785	1,049	500	190,035	32,921	84,294	2,522	119,737
August	-	272,737	2,059	3,155	2,450	3,280	283,681	49,781	125,830	3,048	178,659
Sep	-	237,864	3,094	5,310	3,839	4,858	254,965	43,836	109,974	4,958	158,768
<b>Total</b>	<b>-</b>	<b>1,062,858</b>	<b>11,314</b>	<b>22,425</b>	<b>14,810</b>	<b>10,626</b>	<b>1,122,033</b>	<b>193,546</b>	<b>490,951</b>	<b>20,099</b>	<b>704,596</b>

## MONTH-WISE PRODUCT-WISE OFFTAKE DURING KHARIF 2017 AND 2018

(KHARIF 2017)

		(Tonnes)						
Products	Sources	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	IMPORTED	2,121	24,186	48,728.00	46,338	64,791	30,383	216,547
UREA	FFC	120,055	275,736	473,489	179,671	454,749	76,608	1,580,308
UREA	DHCL	7,724	51,480	70,164	5,115	7,040	-	141,523
UREA	PAK-ARAB	1,850	3,093	30,589	-	227	223	35,982
UREA	EFERT	92,071	139,078	318,364	74,134	274,802	65,392	963,841
UREA	Agri Tech Limited (PAFL)	320	5,160	36,383	13,969	32,848	6,988	95,668
UREA	Fatima Fertilizer	25,724	22,169	81,931	19,775	50,401	219	200,219
<b>UREA</b>	<b>TOTAL</b>	<b>249,865</b>	<b>520,902</b>	<b>1,059,648</b>	<b>339,002</b>	<b>884,858</b>	<b>179,813</b>	<b>3,234,088</b>
CAN	PAK ARAB	12,597	13,783	43,736	6,619	50	17,641	94,426
CAN	Fatima Fertilizer	19,281	51,012	86,737	47,617	56,394	16,072	277,113
<b>CAN</b>	<b>TOTAL</b>	<b>31,878</b>	<b>64,795</b>	<b>130,473</b>	<b>54,236</b>	<b>56,444</b>	<b>33,713</b>	<b>371,539</b>
NP	IMPORTED	-	-	-	-	0	0	-
NP	PAK ARAB	24,202	17,732	77,461	4,060	24,386	7,405	155,246
NP	EFERT	8,992	6,099	5,044	9,616	3,703	3,499	36,953
NP	Fatima Fertilizer	24,591	24,025	37,659	34,881	24,312	17,914	163,382
<b>NP</b>	<b>TOTAL</b>	<b>57,785</b>	<b>47,856</b>	<b>120,164</b>	<b>48,557</b>	<b>52,401</b>	<b>28,818</b>	<b>355,581</b>
SSP	Imported	63	20	26	43	11	22	185
SSP	LCFL	-	-	-	-	-	25	25
SSP	Agri Tech Limited (PAFL)	1,979	2,458	7,930	8,292	2,550	3,810	27,019
SSP	Suraj Fertilizer	410	416	1,045	892	280	2,038	5,081
SSP	Safi chemicals	-	-	-	0	-	-	-
<b>SSP</b>	<b>TOTAL</b>	<b>2,452</b>	<b>2,894</b>	<b>9,001</b>	<b>9,227</b>	<b>2,841</b>	<b>5,895</b>	<b>32,310</b>
DAP	IMPORTED	34,711	53,754	99,379	226,311	56,936	269,210	740,301
DAP	FFC	60,986	16,962	12,375	56,805	20,831	84,416	252,375
<b>DAP</b>	<b>TOTAL</b>	<b>95,697</b>	<b>70,716</b>	<b>111,754</b>	<b>283,116</b>	<b>77,767</b>	<b>353,626</b>	<b>992,676</b>
TSP	IMPORTED	-	-	-	-	-	-	-
SOP	IMPORTED	2,589	2568	1556	2,080	2,111	6,823	17,727
MAP	IMPORTED	-	-	-	-	-	-	-
MOP	IMPORTED	1,443	2,768	1,141	2,077	1,872	6,694	15,995
NPKs	EFERT	5,384	3,379	2,859	7,601	5,979	3,091	28,293
NPKs	Safi chemicals	957	658	-	-	-	-	1,615
AS	IMPORTED	735	2,968	452	199	6,776	1,384	12,514
	<b>GRAND TOTAL</b>	<b>448,785</b>	<b>719,504</b>	<b>1,437,048</b>	<b>746,095</b>	<b>1,091,049</b>	<b>619,857</b>	<b>5,062,338</b>
	NITROGEN	154,073	280,818	568,346	233,195	450,019	162,467	1,848,918
	PHOSPHATE	57,410	43,496	77,672	144,554	49,470	170,969	543,571
	POTASH	3,201	3,622	1,964	3,646	3,234	7,966	23,633
	<b>TOTAL</b>	<b>214,684</b>	<b>327,936</b>	<b>647,982</b>	<b>381,395</b>	<b>502,723</b>	<b>341,402</b>	<b>2,416,122</b>

## MONTH-WISE PRODUCT-WISE OFFTAKE DURING KHARIF 2017 AND 2018

(KHARIF 2018)

		(Tonnes)						
Products	Sources	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	IMPORTED	0	0	-	-	-	-	-
UREA	FFC	232,039	317,811	271,506	263,258	224,607	296,453	1,605,674
UREA	DHCL	-	-	-	-	-	-	-
UREA	PAK-ARAB	262	368	458	458	-	10	1,556
UREA	EFERT	115,036	136,842	245,232	172,008	165,064	168,395	1,002,577
UREA	Agri Tech Limited (PAFL)	-	-	-	60	-	3,350	3,410
UREA	Fatima Fertilizer	28,122	38,787	90,913	60,850	41,025	14,209	273,906
<b>UREA</b>	<b>TOTAL</b>	<b>375,459</b>	<b>493,808</b>	<b>608,109</b>	<b>496,634</b>	<b>430,696</b>	<b>482,417</b>	<b>2,887,123</b>
CAN	PAK ARAB	5,386	9,083	18,822	27,887	13,526	6,542	81,246
CAN	Fatima Fertilizer	48,148	48,639	23,813	71,372	44,385	11,907	248,264
<b>CAN</b>	<b>TOTAL</b>	<b>53,534</b>	<b>57,722</b>	<b>42,635</b>	<b>99,259</b>	<b>57,911</b>	<b>18,449</b>	<b>329,510</b>
NP	IMPORTED	-	-	-	-	-	-	-
NP	PAK ARAB	373	5,824	300	13	-	-	6,510
NP	EFERT	5,699	6,964	3,918	7,140	349	189	24,259
NP	Fatima Fertilizer	53,746	32,276	21,177	49,018	32,817	7,062	196,096
<b>NP</b>	<b>TOTAL</b>	<b>59,818</b>	<b>45,064</b>	<b>25,395</b>	<b>56,171</b>	<b>33,166</b>	<b>7,251</b>	<b>226,865</b>
SSP	Imported	573	1,147	784	4312	1,084	1,163	9,063
SSP	LCFL	-	-	-	-	-	-	-
SSP	Agri Tech Limited (PAFL)	3,185	3,803	4,606	4,656	1,382	6,090	23,722
SSP	Suraj Fertilizer	1,097	1,758	857	863	290	2,446	7,311
SSP	Safi chemicals	-	-	-	-	-	-	-
<b>SSP</b>	<b>TOTAL</b>	<b>4,855</b>	<b>6,708</b>	<b>6,247</b>	<b>9,831</b>	<b>2,756</b>	<b>9,699</b>	<b>40,096</b>
DAP	IMPORTED	48,669	54,977	151,221	180,631	62,003	125,754	623,255
DAP	FFC	20,131	7,536	38,677	121,159	17,064	73,191	277,758
<b>DAP</b>	<b>TOTAL</b>	<b>68,800</b>	<b>62,513</b>	<b>189,898</b>	<b>301,790</b>	<b>79,067</b>	<b>198,945</b>	<b>901,013</b>
TSP	IMPORTED	-	-	-	-	-	-	-
SOP	IMPORTED	1,032	1,677	1,497	4,987	3,008	8,839	21,040
MAP	IMPORTED	-	-	-	-	-	-	-
MOP	IMPORTED	1,243	1,514	1,117	4,439	2,133	6,360	16,806
NPKs	EFERT	5,010	3,472	1,394	5,811	4,603	10,193	30,483
NPKs	Safi chemicals	-	-	-	-	-	-	-
AS	IMPORTED	408	1,416	879	752	3,239	2,125	8,819
	<b>GRAND TOTAL</b>	<b>570,159</b>	<b>673,894</b>	<b>877,171</b>	<b>979,674</b>	<b>616,579</b>	<b>744,278</b>	<b>4,461,755</b>
	NITROGEN	212,883	264,057	330,931	322,397	236,349	265,896	1,632,513
	PHOSPHATE	45,473	39,691	93,854	154,683	45,397	97,060	476,158
	POTASH	2,109	2,362	1,667	6,189	3,591	10,035	25,953
	<b>TOTAL</b>	<b>260,465</b>	<b>306,110</b>	<b>426,452</b>	<b>483,269</b>	<b>285,337</b>	<b>372,991</b>	<b>2,134,624</b>

## FERTILIZER SUPPLY/DEMAND SITUATION DURING KHARIF 2018

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	233,117	117,671	13,885	364,672
Domestic production	1,423,229	232,448	4,764	1,660,440
Imports	193,546	490,951	20,099	704,596
<b>Total Availability</b>	<b>1,849,891</b>	<b>841,070</b>	<b>38,747</b>	<b>2,729,709</b>
Offtake	1,632,513	476,158	25,953	2,134,624
Export	-	-	-	-
Adjustment (+)(-)	-6579	-2090	120	-8549
<b>National Inventory</b>	<b>210,799</b>	<b>362,822</b>	<b>12,914</b>	<b>586,535</b>

## PRODUCT WISE SUPPLY DEMAND SITUATION DURING KHARIF 2018

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	315,705	165,109	29,981	12,676	196,125	2	9,502	22,037	12,273	202	2757	766,369
Domestic production	2,699,257	228,702	227,462	31,188	375,076	-	-	26,714	-	-	-	3,588,399
Imports	-	-	-	11,314	1,062,858	-	22,425	-	14,810	-	10,628	1,122,035
<b>Total Availability</b>	<b>3,014,962</b>	<b>393,811</b>	<b>257,443</b>	<b>55,178</b>	<b>1,634,059</b>	<b>2</b>	<b>31,927</b>	<b>48,751</b>	<b>27,083</b>	<b>202</b>	<b>13,385</b>	<b>5,476,803</b>
Offtake	2,887,123	329,510	226,865	40,096	901,013	-	21,040	30,483	16,806	-	8,819	4,461,755
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)(-)	-12,538	0	5,000	2,000	-597	0	-106	0	200	0	-52	-6,093
<b>National Inventory</b>	<b>115,301</b>	<b>64,301</b>	<b>35,578</b>	<b>17,082</b>	<b>732,449</b>	<b>2</b>	<b>10,781</b>	<b>18,268</b>	<b>10,477</b>	<b>202</b>	<b>4,514</b>	<b>1,008,955</b>

## FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING RABI 2017-18 AND RABI 2018-19

(RABI 2017-18)

								(Tonnes)
Products	Sources	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	Fatimafert (DHCL)	-	3,262	-	-	-	-	3,262
UREA	EFERT	166,539	119,138	168,600	175,557	167,216	155,737	952,787
UREA (PAFL)	Agri Tech (Pvt.) Limited	-	-	-	-	-	-	-
UREA	PAK ARAB	-	-	-	-	-	-	-
UREA (PSFL)	FFC	35,525	65,729	72,592	75,920	68,604	75,532	393,902
UREA (PRILLED)	FFC	136,714	134,602	139,820	152,373	97,488	121,454	782,451
UREA (GRANULAR)	FFBL	54,309	52,238	57,097	13,732	29,045	55,358	261,779
UREA	FATIMA	47,400	42,579	46,264	39,331	35,492	41,543	252,609
<b>UREA</b>	<b>TOTAL</b>	<b>440,487</b>	<b>417,548</b>	<b>484,373</b>	<b>456,913</b>	<b>397,845</b>	<b>449,624</b>	<b>2,646,790</b>
CAN	PAK ARAB	-	4,822	-	-	-	-	4,822
CAN	FATIMA	38,533	40,040	42,762	42,153	37,618	43,999	245,105
<b>CAN</b>	<b>TOTAL</b>	<b>38,533</b>	<b>44,862</b>	<b>42,762</b>	<b>42,153</b>	<b>37,618</b>	<b>43,999</b>	<b>249,927</b>
NP	EFERT	3,259	3,888	9,245	2,639	2,880	5,726	27,637
NP	PAK ARAB	600	5,181	-	-	-	-	5,781
NP	Fatima Fertilizer	33,842	32,255	37,325	35,260	32,844	36,766	208,292
<b>NP</b>	<b>TOTAL</b>	<b>37,701</b>	<b>41,324</b>	<b>46,570</b>	<b>37,899</b>	<b>35,724</b>	<b>42,492</b>	<b>241,710</b>
SSP (J. WAL 18%)	LCFL	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agri Tech (Pvt.) Limited	7,198	6,279	5,551	5,698	3,831	3,037	31,594
SSP	Suraj Fertilizer	298	-	-	-	-	-	298
SSP	Safi Group	445	-	-	-	-	-	445
<b>SSP</b>	<b>Total</b>	<b>7,941</b>	<b>6,279</b>	<b>5,551</b>	<b>5,698</b>	<b>3,831</b>	<b>3,037</b>	<b>32,337</b>
DAP	FFC	74,481	71,986	65,437	31,073	64,635	71,112	378,724
NPK	EFERT	8,318	1,412	42	4,415	11,153	6,535	31,875
NPK	Safi Group	673	10	69	-	15	-	767
	<b>GRAND TOTAL</b>	<b>608,134</b>	<b>583,421</b>	<b>644,804</b>	<b>578,151</b>	<b>550,821</b>	<b>616,799</b>	<b>3,582,130</b>
	NITROGEN	235,722	226,437	256,433	236,160	213,986	241,761	1,410,499
	PHOSPHATE	46,376	43,993	41,838	24,770	40,918	44,111	242,006
	POTASH	1,550	241	14	775	2,010	1,209	5,799
	<b>TOTAL</b>	<b>283,648</b>	<b>270,671</b>	<b>298,285</b>	<b>261,705</b>	<b>256,914</b>	<b>287,081</b>	<b>1,658,304</b>

## FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING RABI 2017-18 AND RABI 2018-19

(RABI 2018-19)

		(Tonnes)						
Products	Sources	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	Fatimafert (DHCL)	42,979	33,861	30,077	28,451	17,627	46,840	199,835
UREA	EFERT	164,551	154,415	154,415	164,416	127,616	153,415	918,828
UREA (PAFL)	Agri Tech (Pvt.) Limited	32,187	31,900	27,363	25,149	13,593	34,074	164,266
UREA	PAK ARAB	-	-	-	-	-	-	-
UREA (PSFL)	FFC	73,245	71,371	74,187	74,185	66,729	73,379	433,096
UREA (PRILLED)	FFC	148,250	139,164	138,066	124,458	101,451	134,447	785,836
UREA (GRANULAR)	FFBL	50,476	52,828	44,411	2,692	11,211	36,559	198,177
UREA	FATIMA	47,434	43,967	43,368	40,800	35,197	12,575	223,341
<b>UREA</b>	<b>TOTAL</b>	<b>559,122</b>	<b>527,506</b>	<b>511,887</b>	<b>460,151</b>	<b>373,424</b>	<b>491,289</b>	<b>2,923,379</b>
CAN	PAK ARAB	-	-	-	-	-	-	-
CAN	FATIMA	36,118	41,203	40,088	42,257	42,131	25,936	227,733
<b>CAN</b>	<b>TOTAL</b>	<b>36,118</b>	<b>41,203</b>	<b>40,088</b>	<b>42,257</b>	<b>42,131</b>	<b>25,936</b>	<b>227,733</b>
NP	PAK ARAB	-	-	-	-	-	-	-
NP	EFERT	5,329	1,034	16,601	4,565	4,243	3,166	34,938
NP	Fatima Fertilizer	34,824	36,845	38,835	42,430	44,350	22,903	220,187
<b>NP</b>	<b>TOTAL</b>	<b>40,153</b>	<b>37,879</b>	<b>55,436</b>	<b>46,995</b>	<b>48,593</b>	<b>26,069</b>	<b>255,125</b>
SSP (J. WAL 18%)	LCFL	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agri Tech (Pvt.) Limited	7,470	8,310	3,073	2,925	6,594	6,218	34,590
SSP	Suraj Fertilizer	5,509	4,544	685	2,062	-	-	12,800
SSP	Safi Group	-	-	-	-	-	-	-
<b>SSP</b>	<b>Total</b>	<b>12,979</b>	<b>12,854</b>	<b>3,758</b>	<b>4,987</b>	<b>6,594</b>	<b>6,218</b>	<b>47,390</b>
DAP	FFC	55,710	66,483	63,538	30,723	60,989	74,920	352,363
SOP	Pacific	-	-	-	-	-	3,363	3,363
NPK	EFERT	14,966	4,840	423	4,951	11,890	8,443	45,513
NPK	Safi Group	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>		<b>719,048</b>	<b>690,765</b>	<b>675,130</b>	<b>590,064</b>	<b>543,621</b>	<b>636,238</b>	<b>3,854,866</b>
	NITROGEN	287,346	274,664	270,120	239,820	206,308	253,354	1,531,613
	PHOSPHATE	40,640	42,605	42,751	26,695	42,805	43,079	238,576
	POTASH	2,694	852	76	844	2,199	3,229	9,893
	<b>TOTAL</b>	<b>330,680</b>	<b>318,121</b>	<b>312,948</b>	<b>267,359</b>	<b>251,312</b>	<b>299,662</b>	<b>1,780,082</b>

## FERTILIZER IMPORTS DURING RABI 2017-18

(Tonnes)											
MONTH	Urea	DAP	MOP	SOP	SSP	AS	TOTAL PRODUCTS	NITROGEN	PHOSPHATE	POTASH	TOTAL PRODUCTS
OCTOBER	-	240,675	2,558	4,728	1,881	-	249,842	43,322	111,049	3,899	158,269
NOVEMBER	-	289,033	4,605	4,969	1,880	1,000	301,487	52,236	133,294	5,248	190,777
DECEMBER	-	103,445	1,486	1,133	276	1,040	107,380	18,839	47,634	1,458	67,931
JANUARY	-	65,092	1,486	4,459	693	-	71,730	11,717	30,067	3,121	44,905
FEBRUARY	-	88,966	1,098	3,394	1,328	500	95,286	16,119	41,163	2,356	59,638
MARCH	-	51,498	2,226	2,880	2,389	1,546	60,539	9,594	24,119	2,776	36,489
<b>TOTAL</b>	<b>-</b>	<b>838,709</b>	<b>13,459</b>	<b>21,563</b>	<b>8,447</b>	<b>4,086</b>	<b>886,264</b>	<b>151,826</b>	<b>387,327</b>	<b>18,857</b>	<b>558,009</b>

## FERTILIZER IMPORTS DURING RABI 2018-19

(Tonnes)													
MONTH	Urea	DAP	NP	SOP	MOP	AS	SSP	MAP	TOTAL PRODUCTS	NITROGEN	PHOSPHATE	POTASH	TOTAL PRODUCTS
OCTOBER	-	238,799	-	4,682	2,033	11,525	3,838	-	260,877	45,404	110,538	3,561	159,503
NOVEMBER	-	221,339	5,200	1,232	550	1,567	-	-	229,888	41,314	102,856	946	145,116
DECEMBER	105,126	89,906	2,800	956	213	735	440	1,137	201,313	65,425	42,564	606	108,595
JANUARY	-	39,291	3,000	3,436	6,058	11,262	1,687	19,671	84,405	12,065	28,813	5,353	46,230
FEBRUARY	-	7,438	3,000	4,651	2,539	1,936	382	1,319	21,265	2,537	4,750	3,849	11,136
MARCH	-	82,529	-	7,349	3,870	5,163	2,251	756	101,918	16,015	38,747	5,997	60,758
<b>TOTAL</b>	<b>105,126</b>	<b>679,302</b>	<b>14,000</b>	<b>22,306</b>	<b>15,263</b>	<b>32,188</b>	<b>8,598</b>	<b>22,883</b>	<b>899,666</b>	<b>182,760</b>	<b>328,268</b>	<b>20,311</b>	<b>531,339</b>

## MONTH WISE AND PRODCT WISE OFFTAKE DURING RABI 2017-18 AND 2018-19

(RABI 2017-18)

		(Tonnes)						
Products	Sources	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	IMPORTED	6,743	9,226	1,337	-	-	-	17,306
UREA	FFC	235,566	355,129	435,037	236,674	183,377	240,368	1,686,151
UREA	DHCL	1383	8,257	5,376	-	-	-	15,016
UREA	EFERT	125,268	194,760	185,364	262,052	145,345	89,833	1,002,622
UREA	PAK ARAB	20	315	1,619	1,187	1,520	90	4,751
UREA	Agritech	2617	2,044	4,459	3,239	1,774	-	14,133
UREA	Fatima	3789	31,940	82,493	36,064	37,998	11,802	204,086
<b>UREA</b>	<b>TOTAL</b>	<b>375,386</b>	<b>601,671</b>	<b>715,685</b>	<b>539,216</b>	<b>370,014</b>	<b>342,093</b>	<b>2,944,065</b>
CAN	PAK ARAB	15,086	23,640	23,388	2,896	4,779	9,413	79,202
CAN	Fatima	18,065	37,678	78,141	74,089	65,343	19,562	292,878
<b>CAN</b>	<b>TOTAL</b>	<b>33,151</b>	<b>61,318</b>	<b>101,529</b>	<b>76,985</b>	<b>70,122</b>	<b>28,975</b>	<b>372,080</b>
NP	Imported	-	-	-	-	-	-	-
NP	PAK-ARAB	17,650	4,590	6,590	3,889	1,118	1,522	35,359
NP	EFERT	3,703	4,519	9,652	2,901	1,928	6,066	28,769
NP	Fatima Fertilizer	63,155	47,862	35,698	43,905	33,831	23,430	247,881
<b>NP</b>	<b>TOTAL</b>	<b>84,508</b>	<b>56,971</b>	<b>51,940</b>	<b>50,695</b>	<b>36,877</b>	<b>31,018</b>	<b>312,009</b>
SSP	Imported	1,990	1,911	285	238	550	1,888	6,862
SSP	LCFL	200	342	-	-	-	-	542
SSP	Agritech	13,347	13,973	2,100	1,958	3,024	2,683	37,085
SSP	Suraj Fertilizer	4,178	6,561	1,012	1,570	1,163	1,103	15,587
SSP	Safi Chemicals	0	0	-	-	-	-	-
<b>SSP</b>	<b>TOTAL</b>	<b>19,715</b>	<b>22,787</b>	<b>3,397</b>	<b>3,766</b>	<b>4,737</b>	<b>5,674</b>	<b>60,076</b>
DAP	IMPORTED	241,361	308,211	84,277	61,196	81,518	80,292	856,855
DAP	FFC	145,734	193,585	66,199	31,013	40,913	69,864	547,308
<b>DAP</b>	<b>TOTAL</b>	<b>387,095</b>	<b>501,796</b>	<b>150,476</b>	<b>92,209</b>	<b>122,431</b>	<b>150,156</b>	<b>1,404,163</b>
TSP	IMPORTED	-	-	-	-	-	-	-
SOP	IMPORTED	6,776	6,092	3,592	3,209	2,985	2,864	25,518
MAP	IMPORTED	-	-	-	-	-	-	-
MOP	IMPORTED	4,439	4,074	1,714	2,964	1,419	3,075	17,685
NPKs	EFERT	9,597	2,307	278	2,898	8,517	7,704	31,301
NPKs	Safi Group	-	-	-	-	-	-	-
AS	IMPORTED	743	1,254	1,362	1,903	1,751	796	7,809
	<b>GRAND TOTAL</b>	<b>921,410</b>	<b>1,258,270</b>	<b>1,029,973</b>	<b>773,845</b>	<b>618,853</b>	<b>572,355</b>	<b>5,174,706</b>
	NITROGEN	271,645	396,759	394,976	297,184	220,437	200,265	1,781,266
	PHOSPHATE	203,153	248,453	81,825	55,243	67,357	78,565	734,596
	POTASH	7,762	5,875	2,870	3,884	3,860	4,699	28,950
	<b>TOTAL</b>	<b>482,560</b>	<b>651,087</b>	<b>479,671</b>	<b>356,311</b>	<b>291,654</b>	<b>283,529</b>	<b>2,544,812</b>

## MONTH WISE AND PRODCT WISE OFFTAKE DURING RABI 2017-18 AND 2018-19

(RABI 2018-19)

		(Tonnes)						
PRODUCTS	SOURCES	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	IMPORTED	-	-	23,664	70,683	10,779	-	105,126
UREA	FFC	248,674	248,169	325,693	198,559	180,315	204,784	1,406,194
UREA	DHCL	14,420	42,425	50,072	28,303	16,460	16,995	168,675
UREA	PAK ARAB	22	60	216	-	-	-	298
UREA	EFERT	143,326	139,400	211,836	160,671	130,669	147,119	933,021
UREA	Agritech	20,247	32,825	39,491	25,010	14,056	27,068	158,697
UREA	Fatima	38,382	34,044	59,918	80,426	35,918	12,495	261,183
<b>UREA</b>	<b>TOTAL</b>	<b>465,071</b>	<b>496,923</b>	<b>710,890</b>	<b>563,652</b>	<b>388,197</b>	<b>408,461</b>	<b>3,033,194</b>
CAN	PAK ARAB	4,064	1,972	4,725	766	1,690	1,414	14,631
CAN	Fatima	30,896	21,290	40,003	77,497	44,369	20,529	234,584
<b>CAN</b>	<b>TOTAL</b>	<b>34,960</b>	<b>23,262</b>	<b>44,728</b>	<b>78,263</b>	<b>46,059</b>	<b>21,943</b>	<b>249,215</b>
NP	Imported	-	3,560	4,340	309	1,032	285	9,527
NP	PAK-ARAB	-	-	8	-	-	-	8
NP	EFERT	4,833	4,397	10,282	4,846	1,661	2,691	28,710
NP	Fatima Fertilizer	42,171	23,346	15,109	48,800	13,274	14,237	156,937
<b>NP</b>	<b>TOTAL</b>	<b>47,004</b>	<b>31,303</b>	<b>29,739</b>	<b>53,955</b>	<b>15,967</b>	<b>17,213</b>	<b>195,182</b>
SSP	Imported	3,458	1,652	745	801	369	2,334	9,359
SSP	LCFL	-	-	-	-	-	-	-
SSP	Agritech	15,091	15,855	4,416	2,560	2,140	2,182	42,244
SSP	Suraj Fertilizer	5,499	4,875	987	966	347	520	13,194
SSP	Safi Chemicals	-	-	-	-	133	474.00	607
<b>SSP</b>	<b>TOTAL</b>	<b>24,048</b>	<b>22,382</b>	<b>6,148</b>	<b>4,327</b>	<b>2,989</b>	<b>5,510</b>	<b>65,404</b>
DAP	IMPORTED	417,977	177,991	111,747	63,371	37,030	50,230	858,346
DAP	FFC	103,272	86,595	77,298	11,250	11,503	15,245	305,163
<b>DAP</b>	<b>TOTAL</b>	<b>521,249</b>	<b>264,586</b>	<b>189,045</b>	<b>74,621</b>	<b>48,533</b>	<b>65,475</b>	<b>1,163,509</b>
TSP	IMPORTED	-	-	-	-	-	-	-
SOP	IMPORTED	4,109	2,324	5,821	2,142	2,849	3,271	20,517
MAP	IMPORTED	-	-	-	4,334	2,808	1,362	8,504
MOP	IMPORTED	3,635	2,740	1,864	2,205	1,956	1,490	13,890
NPKs	EFERT	12,320	4,998	1,397	3,851	6,577	11,064	40,207
NPKs	Safi Group	-	-	-	-	-	-	-
AS	IMPORTED	4,965	4,652	6,199	7,310	4,120	4,330	31,576
	<b>GRAND TOTAL</b>	<b>1,117,361</b>	<b>853,171</b>	<b>995,831</b>	<b>794,660</b>	<b>520,056</b>	<b>540,119</b>	<b>4,821,198</b>
	NITROGEN	329,996	291,069	380,953	308,059	205,012	211,841	1,726,930
	PHOSPHATE	257,695	133,972	95,224	50,489	29,231	37,681	604,292
	POTASH	6,444	3,686	4,279	3,059	3,780	4,601	25,849
	<b>TOTAL</b>	<b>594,135</b>	<b>428,727</b>	<b>480,456</b>	<b>361,607</b>	<b>238,023</b>	<b>254,123</b>	<b>2,357,071</b>

## NUTRIENT SUPPLY/DEMAND SITUATION DURING RABI 2018-19

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	210,799	362,822	12,914	586,535
Domestic production	1,531,613	238,576	9,893	1,780,082
Imports	182,760	328,268	20,311	531,339
<b>Total Availability</b>	<b>1,925,172</b>	<b>929,666</b>	<b>43,118</b>	<b>2,897,956</b>
Offtake	1,726,930	604,292	25,849	2,357,071
Export	-	-	-	-
Adjustment (+)(-)	8540	-5861	140	2,820
<b>National Inventory</b>	<b>206,783</b>	<b>319,513</b>	<b>17,409</b>	<b>543,705</b>

## PRODUCT WISE SUPPLY DEMAND SITUATION DURING RABI 2018-19

(Tonnes)

DESCRIPTION	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	115,301	64,301	35,578	17,082	732,449	2	10,781	18,268	10,477	202	4,514	1,008,955
Domestic production	2,923,379	227,733	255,125	47,390	352,363	-	3,363.00	45,513	-	-	-	3,854,866
Imports	105,126	-	14,000	8,598	679,302	-	22,306	-	15,263	22,883	32,188	899,666
<b>Total Availability</b>	<b>3,143,806</b>	<b>292,034</b>	<b>304,703</b>	<b>73,070</b>	<b>1,764,114</b>	<b>2</b>	<b>36,450</b>	<b>63,781</b>	<b>25,740</b>	<b>23,085</b>	<b>36,702</b>	<b>5,763,487</b>
Offtake	3,033,194	249,215	195,182	65,404	1,163,509	-	20,517	40,207	13,890	8,504	31,576	4,821,198
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)(-)	24,885	0	-2,334	2,000	1,577	0	139	375	25	48	-	26,715
<b>National Inventory</b>	<b>135,497</b>	<b>42,819</b>	<b>107,187</b>	<b>9,666</b>	<b>602,182</b>	<b>2</b>	<b>16,072</b>	<b>23,949</b>	<b>11,875</b>	<b>14,629</b>	<b>5,126</b>	<b>969,004</b>

## AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING 2018-19

												(Tonnes)
SECTOR/AGENCIES	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	105,126	-	-	-	-	-	-	-	-	-	-	105,126
<b>Total Public Sector</b>	<b>105,126</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>105,126</b>
FFC	3,003,924	-	-	-	1,058,813	-	-	16,679	6,821	-	-	4,086,237
EFERT	1,896,589	-	56,081	22,773	609,249	74,543	-	12,546	11,584	17,437	20,566	2,721,368
Fatima Fert. (DHCL)	281,205	-	-	-	35,572	-	-	-	-	-	-	316,777
PAK ARAB	766	65,543	321	-	200,447	-	-	-	-	-	-	267,077
Agri Tech (Pvt.) Limited	230,048	-	-	58,167	-	-	-	-	-	-	-	288,215
Fatima Fertilizer	452,810	475,255	383,539	-	-	-	-	-	-	-	-	1,311,604
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	384	-	-	599	983
Suraj Fertilizers	-	-	-	20,457	-	-	-	-	-	-	-	20,457
Safi Chemicals	-	-	-	607	-	-	-	-	-	-	-	607
Other Private Importers	-	-	9,837	-	296,167	-	-	12,972	12,854	-	33,902	365,732
<b>Total Private Sector</b>	<b>5,865,342</b>	<b>540,798</b>	<b>449,778</b>	<b>102,004</b>	<b>2,200,248</b>	<b>74,543</b>	<b>-</b>	<b>42,581</b>	<b>31,259</b>	<b>17,437</b>	<b>55,067</b>	<b>9,379,057</b>
<b>Grand Total</b>	<b>5,970,468</b>	<b>540,798</b>	<b>449,778</b>	<b>102,004</b>	<b>2,200,248</b>	<b>74,543</b>	<b>-</b>	<b>42,581</b>	<b>31,259</b>	<b>17,437</b>	<b>55,067</b>	<b>9,484,183</b>

## GGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING KHARIF 2018

(Tonnes)												
SECTOR/AGENCIES	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Public Sector</b>	-	-	-	-	-	-	-	-	-	-	-	-
EFERT	1,002,577	-	24,259	9,063	266,505	30,483	-	3,611	4,517	-	2,238	1,343,253
FFC	1,605,674	-	-	-	473,878	-	-	8,478	3,755	-	-	2,091,785
DHCL	-	-	-	-	13,682	-	-	-	-	-	-	13,682
Agri Tech (Pvt. ) Limited	3,410	-	-	23,722	-	-	-	-	-	-	-	27,132
PAK ARAB	1,556	81,246	6,510	-	51,270	-	-	-	-	-	-	140,582
Fatima Fertilizers	273,906	248,264	196,096	-	-	-	-	-	-	-	-	718,266
Suraj Fertilizer Industries	-	-	-	7,311	-	-	-	-	-	-	-	7,311
LCFL (AL Hamd Group)	-	-	-	-	-	-	-	207	-	-	-	207
Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-
Private Importers	-	-	-	-	95,678	-	-	8,744	8,534	-	6,581	119,537
<b>Total Private Sector</b>	<b>2,887,123</b>	<b>329,510</b>	<b>226,865</b>	<b>40,096</b>	<b>901,013</b>	<b>30,483</b>	<b>-</b>	<b>21,040</b>	<b>16,806</b>	<b>-</b>	<b>8,819</b>	<b>4,461,755</b>
<b>Grand Total</b>	<b>2,887,123</b>	<b>329,510</b>	<b>226,865</b>	<b>40,096</b>	<b>901,013</b>	<b>30,483</b>	<b>-</b>	<b>21,040</b>	<b>16,806</b>	<b>-</b>	<b>8,819</b>	<b>4,461,755</b>

## AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING RABI 2018-19

(Tonnes)

SECTOR/AGENCIES	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	105,126	-	-	-	-	-	-	-	-	-	-	105,126
<b>Total Public Sector</b>	<b>105,126</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>105,126</b>
EFERT	933,021	-	28,710	9,359	358,693	40,207	-	7,939	5,678	8,504	9,689	1,401,800
FFC	1,406,194	-	-	-	506,583	-	-	8,199	2,774	-	-	1,923,750
DHCL	168,675	-	-	-	13,064	-	-	-	-	-	-	181,739
Agri Tech (Pvt. ) Limited	158,697	-	-	42,244	-	-	-	-	-	-	-	200,941
PAK ARAB	298	14,631	8	-	112,097	-	-	-	-	-	-	127,034
Fatima Fertilizers	261,183	234,584	156,937	-	-	-	-	-	-	-	-	652,704
LCFL (AL Hamd Group)	-	-	-	-	-	-	-	288	-	-	286	574
Suraj Fertilizers	-	-	-	13,194	-	-	-	-	-	-	-	13,194
Safi Chemicals	-	-	-	607	-	-	-	-	-	-	-	607
Private Importers	-	-	9,527	-	173,072	-	-	4,091	5,438	-	21,601	213,729
<b>Total Private Sector</b>	<b>2,928,068</b>	<b>249,215</b>	<b>195,182</b>	<b>65,404</b>	<b>1,163,509</b>	<b>40,207</b>	<b>-</b>	<b>20,517</b>	<b>13,890</b>	<b>8,504</b>	<b>31,576</b>	<b>4,716,072</b>
<b>Grand Total</b>	<b>3,033,194</b>	<b>249,215</b>	<b>195,182</b>	<b>65,404</b>	<b>1,163,509</b>	<b>40,207</b>	<b>-</b>	<b>20,517</b>	<b>13,890</b>	<b>8,504</b>	<b>31,576</b>	<b>4,821,198</b>

## COMPARATIVE FERTILIZER DEMAND ESTIMATES FOR RABI 2019-20

(Tonnes)						
Months	Nitrogen	Phosphate	Potash	Total	Urea	DAP
Apr-18	212,883	45,473	2,109	260,465	375,459	68,800
May-18	264,057	39,691	2,362	306,110	493,808	62,513
Jun-18	330,931	93,854	1,667	426,452	608,109	189,898
Jul-18	322,397	154,683	6,189	483,269	496,634	301,790
Aug-18	236,349	45,397	3,591	285,337	430,696	79,067
Sep-18	265,896	97,060	10,035	372,991	482,417	198,945
<b>Kharif 2018</b>	<b>1,632,513</b>	<b>476,158</b>	<b>25,953</b>	<b>2,134,624</b>	<b>2,887,123</b>	<b>901,013</b>
Oct-18	329,996	257,695	6,444	594,135	465,071	521,251
Nov-18	291,069	133,972	3,686	428,727	496,923	264,586
Dec-18	380,953	95,224	4,279	480,456	710,890	189,045
Jan-19	308,059	50,489	3,059	361,607	563,652	74,621
Feb-19	205,012	29,231	3,780	238,023	388,197	48,533
Mar-19	211,841	37,681	4,601	254,123	408,461	65,475
<b>Rabi 2018-19</b>	<b>1,726,930</b>	<b>604,292</b>	<b>25,849</b>	<b>2,357,071</b>	<b>3,033,194</b>	<b>1,163,511</b>
Apr-19	178,919	54,835	3,283	237,037	292,425	86,170
May-19	340,029	116,228	1,929	458,186	592,525	213,024
Jun-19	337,156	80,847	2,498	420,501	642,577	157,743
<b>FY 2018-19</b>	<b>3,407,676</b>	<b>1,153,342</b>	<b>53,374</b>	<b>4,614,392</b>	<b>5,970,468</b>	<b>2,200,250</b>
Jul-19	283,188	113,014	3,221	399,423	465,496	202,033
Aug-19	329,148	60,481	3,516	393,145	624,855	105,295
Sep-19	234,414	106,836	6,835	348,085	405,306	209,871
<b>Kharif 2019</b>	<b>1,702,854</b>	<b>532,241</b>	<b>21,282</b>	<b>2,256,377</b>	<b>3,023,184</b>	<b>974,136</b>
Oct-19	122,366	140,724	4,971	268,061	119,045	270,917
Nov-19	269,619	201,869	3,326	474,814	380,729	404,219
Dec-19	428,434	88,510	2,468	519,412	1,336,000	167,266
Jan-20	255,979	47,082	2,670	305,730	503,044	75,980
Feb-20	192,574	49,123	4,132	245,829	338,443	89,533
Mar-20	160,011	64,041	4,351	228,402	319,128	123,227
<b>Rabi 2019-20</b>	<b>1,428,982</b>	<b>591,349</b>	<b>21,918</b>	<b>2,042,248</b>	<b>2,996,389</b>	<b>1,131,143</b>

## NUTRIENT (NPK) WISE FERTILIZER SUPPLY &amp; DEMAND PROJECTIONS UP TO 2023-24

('000' Nutrient Tonnes)

Year	Nitrogen (N)			Phosphate (P)			Potash (K)			NPK Offtake/ Demand
	Production	Offtake/ Demand	Surplus/ Deficit	Production	Offtake/ Demand	Surplus/ Deficit	DomesticSupply	Offtake/ Demand	Surplus/ Deficit	
2018-19	3111	3408	-297	499	1153	-654	17	53	-36	4,614
2019-20	3400	3314	86	600	1189	-589	20	43	-23	4,546
2020-21	3400	3478	-78	600	1253	-653	20	44	-24	4,775
2021-22	3400	3565	-165	600	1316	-716	20	46	-26	4,927
2022-23	3400	3654	-254	600	1382	-782	20	48	-28	5,084
2023-24	3400	3746	-346	600	1451	-851	20	50	-30	5,247

Note: The figures of 2018-19 are actual while the offtake figures of 2019-20 are estimates and from 2020-21 to 2023-24 are projections.

The figures relating to production beyond 2018-19 show production capacity not the actual production.

## RAINFALL (2018-19)

STATION	(mm)												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Peshawar	122	25	19	27	6	14	22	59	-	58	36	22	410
Rawalpindi	322	435	57	37	11	35	101	94	88	76	52	78	1,385
Jhelum	196	251	34	10	5	0.02	36	151	66	53	28	55	885
Sargodha	245	9	18	14	0.05	10	37	20	-	48	70	38	509
Lahore	342	26	77	6	0.05	0.04	42	105	36	50	23	56	763
D.I. Khan	25	0	0	-	0.01	3	25	12	34	63	29	33	224
Faisalabad	124	15	33	2	0.03	1	15	69	24	38	15	36	372
Multan	1	26	-	0.01	0.02	0.01	6	33	18	20	9	44	158
Khanpur	23	22	-	-	-	-	6	34	5	11	14	14	128
Quetta	-	-	-	0.01	2	0.02	49	67	-	50	9.10	2	179
Rohri	-	-	-	-	-	-	20	30	6	2	-	3	61
Hyderabad	-	4	3	0.01	-	-	6	-	4	7	-	-	24
Gilgit	18	10	6	11	23	0.03	13	19	12	4	18	32	165
Skardu	4	11	9	10	2	3	36	70	37	5	0.10	44	231

Source: National Agromet Centre, Islamabad.

## GAS CONSUMPTION BY PLANTS DURING 2017-18

(MMCF)

COMPANY	CONSUMPTION	JUL '17	AUG '17	SEP '17	OCT '17	NOV '17	DEC '17	JAN '18	FEB '18	MAR '18	APR '18	MAY '18	JUN '18	TOTAL
<b>Sui Northern Gas Pipelines Limited</b>														
Pak-Arab	Feed	142	66	71	-	59	-	-	-	-	28	-	-	366
	Fuel	273	607	214	64	207	69	3	3	13	18	18	19	1,508
	<b>Total</b>	<b>415.00</b>	<b>673.00</b>	<b>285.00</b>	<b>64.00</b>	<b>266.00</b>	<b>69.00</b>	<b>3.00</b>	<b>3.00</b>	<b>13</b>	<b>46</b>	<b>18</b>	<b>19</b>	<b>1,874</b>
Dawood Hercules	Feed	-	-	-	-	23	-	-	-	-	-	-	-	23
	Fuel	7	12	11	12	70	1	-	-	5	7	7	7	139
	<b>Total</b>	<b>7</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>93</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>162</b>
Agritech Limited	Feed	347	183	-	-	-	-	-	-	-	-	-	-	530
	Fuel	281	597	40	36	19	15	10	9	10	5	-	-	1,022
	<b>Total</b>	<b>628</b>	<b>780</b>	<b>40</b>	<b>36</b>	<b>19</b>	<b>15</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1,552</b>
EFERT	Feed	2,997	2,981	3,000	3,075	2,962	3,038	3,044	2,846	3,031	2,319	1,401	2,925	33,619
	Fuel	286	281	191	213	244	278	272	252	268	235	196	275	2,991
	<b>Total</b>	<b>3,283</b>	<b>3,262</b>	<b>3,191</b>	<b>3,288</b>	<b>3,206</b>	<b>3,316</b>	<b>3,316</b>	<b>3,098</b>	<b>3,299</b>	<b>2,554</b>	<b>1,597</b>	<b>3,200</b>	<b>36,609</b>
<b>Oil and Gas Development Company Limited</b>														
EFERT	Feed	8	41	11	37	23	-	13	31	4	47	46	42	303
	Fuel	328	321	271	153	210	305	305	301	340	300	262	334	3,428
	<b>Total</b>	<b>337</b>	<b>361</b>	<b>282</b>	<b>189</b>	<b>233</b>	<b>305</b>	<b>318</b>	<b>332</b>	<b>344</b>	<b>347</b>	<b>308</b>	<b>376</b>	<b>3,731</b>
<b>Liquefied Natural Gas (LNG)</b>														
Pak-Arab	Feed	242	547	195	-	58	-	-	-	-	-	-	-	1,042
	Fuel	163	27	-	-	1	12	57	27	5	-	-	-	292
	Dawood Hercules	Feed	-	-	-	-	176	-	-	-	-	-	-	-
Fuel		-	-	-	-	1	8	6	10	3	1	-	-	29
<b>Total</b>		<b>405</b>	<b>574</b>	<b>195</b>	<b>-</b>	<b>236</b>	<b>20</b>	<b>63</b>	<b>37</b>	<b>8</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1,539</b>
<b>Sui Southern Gas Company Limited</b>														
FFC Jordon	Feed	1,811	1,715	1,680	1,791	1,756	1,814	450	1,248	1,724	1,484	1,579	1,733	18,785
	Fuel	169	223	210	108	35	29	112	82	24	24	40	22	1,078
	<b>Total</b>	<b>1,980</b>	<b>1,938</b>	<b>1,890</b>	<b>1,899</b>	<b>1,791</b>	<b>1,843</b>	<b>562</b>	<b>1,330</b>	<b>1,748</b>	<b>1,508</b>	<b>1,619</b>	<b>1,755</b>	<b>19,863</b>
<b>Mari Gas Company Limited</b>														
EFERT	Feed	1,702	1,571	465	0	808	1,752	1,950	1,864	1,986	1,914	2,046	1,673	17,732
	Fuel	542	622	480	333	497	622	624	470	679	619	618	677	6,783
	<b>Total</b>	<b>2,244</b>	<b>2,193</b>	<b>945</b>	<b>333</b>	<b>1,305</b>	<b>2,374</b>	<b>2,574</b>	<b>2,333</b>	<b>2,665</b>	<b>2,533</b>	<b>2,665</b>	<b>2,350</b>	<b>24,515</b>
FFC-1& 2	Feed	4,322	4,353	4,196	4,147	4,073	4,341	4,552	3,275	3,872	4,269	4,448	4,253	50,101
	Fuel	1,068	1,063	1,050	996	980	1,007	903	682	933	971	1,004	986	11,644
	<b>Total</b>	<b>5,389</b>	<b>5,416</b>	<b>5,246</b>	<b>5,143</b>	<b>5,053</b>	<b>5,348</b>	<b>5,455</b>	<b>3,956</b>	<b>4,805</b>	<b>5,240</b>	<b>5,453</b>	<b>5,239</b>	<b>61,745</b>
FFC-III (MM)	Feed	2,356	2,344	2,259	1,203	2,251	2,358	2,419	2,186	2,413	2,333	2,400	2,303	26,825
	Fuel	430	414	414	374	404	382	422	359	432	399	392	412	4,834
	<b>Total</b>	<b>2,786</b>	<b>2,759</b>	<b>2,673</b>	<b>1,577</b>	<b>2,654</b>	<b>2,740</b>	<b>2,841</b>	<b>2,544</b>	<b>2,844</b>	<b>2,732</b>	<b>2,792</b>	<b>2,715</b>	<b>31,659</b>
Fatima Fertilizer	Feed	2,666	2,849	2,733	2,842	2,700	2,803	2,741	2,476	2,805	2,785	2,316	2,752	32,469
	Fuel	465	471	452	467	448	480	441	423	468	473	463	459	5,511
	<b>Total</b>	<b>3,132</b>	<b>3,320</b>	<b>3,185</b>	<b>3,309</b>	<b>3,148</b>	<b>3,283</b>	<b>3,183</b>	<b>2,898</b>	<b>3,273</b>	<b>3,259</b>	<b>2,780</b>	<b>3,211</b>	<b>37,980</b>
Total	Feed	16,593	16,650	14,611	13,094	14,889	16,107	15,170	13,924	15,835	15,179	14,237	15,682	181,971
	Fuel	4,013	4,638	3,332	2,757	3,115	3,207	3,155	2,617	3,179	3,053	3,002	3,191	39,258
<b>Grand Total</b>	<b>Total</b>	<b>20,606</b>	<b>21,288</b>	<b>17,942</b>	<b>15,851</b>	<b>18,004</b>	<b>19,314</b>	<b>18,325</b>	<b>16,541</b>	<b>19,014</b>	<b>18,232</b>	<b>17,239</b>	<b>18,873</b>	<b>221,229</b>

## GAS CONSUMPTION BY PLANTS DURING 2018-19

(MMCF)

COMPANY	CONSUMPTION	JUL '18	AUG '18	SEP '18	OCT '18	NOV '18	DEC '18	JAN '19	FEB '19	MAR '19	APR '19	MAY '19	JUN '19	TOTAL
<b>Sui Northern Gas Pipelines Limited</b>														
Pak-Arab	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	20	20	20	19	19	18	19	16	16	17	18	17	219
	<b>Total</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>19</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>219</b>
EFERT	Feed	3,094	3,117	3,001	3,028	2,940	3,187	3,217	1,974	2,573	3,003	3,113	3,054	35,302
	Fuel	290	292	281	284	276	299	302	185	241	282	292	286	3,310
	<b>Total</b>	<b>3,384</b>	<b>3,409</b>	<b>3,283</b>	<b>3,311</b>	<b>3,216</b>	<b>3,486</b>	<b>3,519</b>	<b>2,159</b>	<b>2,814</b>	<b>3,285</b>	<b>3,404</b>	<b>3,341</b>	<b>38,611</b>
<b>Oil and Gas Development Company Limited</b>														
EFERT	Feed	40	39	56	51	69	88	5	10	5	-	17	45	425
	Fuel	340	335	299	312	275	269	327	279	313	253	266	328	3,596
	<b>Total</b>	<b>380</b>	<b>374</b>	<b>355</b>	<b>363</b>	<b>344</b>	<b>357</b>	<b>332</b>	<b>289</b>	<b>318</b>	<b>253</b>	<b>283</b>	<b>373</b>	<b>4,021</b>
<b>Liquefied Natural Gas (LNG)</b>														
Agritech Limited	Feed	-	-	153	750	740	696	601	319	755	728	755	731	6,229
	Fuel	-	-	35	129	132	140	138	112	154	154	157	148	1,299
Fatimafert	Feed	-	-	95	1,047	847	841	797	472	1,156	1,074	1,061	976	8,365
	Fuel	6	8	55	254	207	320	243	128	248	205	224	227	2,124
	<b>Total</b>	<b>6</b>	<b>8</b>	<b>338</b>	<b>2,180</b>	<b>1,927</b>	<b>1,997</b>	<b>1,778</b>	<b>1,030</b>	<b>2,312</b>	<b>2,162</b>	<b>2,197</b>	<b>2,082</b>	<b>18,017</b>
<b>Sui Southern Gas Company Limited</b>														
FFC Jordon	Feed	1,680	1,804	1,637	1,620	1,711	1,566	249	933	1,439	1,779	1,873	1,736	18,027
	Fuel	27	23	124	121	80	34	28	109	28	24	19	23	640
	<b>Total</b>	<b>1,707</b>	<b>1,827</b>	<b>1,761</b>	<b>1,741</b>	<b>1,791</b>	<b>1,600</b>	<b>277</b>	<b>1,042</b>	<b>1,467</b>	<b>1,803</b>	<b>1,892</b>	<b>1,759</b>	<b>18,667</b>
<b>Mari Gas Company Limited</b>														
EFERT	Feed	1,649	1,749	1,611	1,570	1,579	1,872	1,606	1,775	1,966	962	920	1,811	19,070
	Fuel	633	596	578	658	621	659	575	574	789	713	809	782	7,987
	<b>Total</b>	<b>2,281</b>	<b>2,345</b>	<b>2,189</b>	<b>2,227</b>	<b>2,200</b>	<b>2,530</b>	<b>2,181</b>	<b>2,349</b>	<b>2,755</b>	<b>1,675</b>	<b>1,729</b>	<b>2,594</b>	<b>27,057</b>
FFC-1& 2	Feed	4,434	4,359	4,246	4,431	4,247	4,219	3,703	3,359	4,186	4,296	4,448	4,262	50,190
	Fuel	1,005	1,013	945	992	964	1,016	869	721	945	1,045	1,096	1,070	11,682
	<b>Total</b>	<b>5,440</b>	<b>5,372</b>	<b>5,191</b>	<b>5,423</b>	<b>5,211</b>	<b>5,235</b>	<b>4,572</b>	<b>4,080</b>	<b>5,131</b>	<b>5,341</b>	<b>5,544</b>	<b>5,332</b>	<b>61,872</b>
FFC-III (MM)	Feed	2,381	2,383	2,304	2,377	2,323	2,423	2,419	2,179	2,400	2,044	2,410	2,313	27,955
	Fuel	420	392	405	410	357	370	412	365	420	406	423	426	4,806
	<b>Total</b>	<b>2,801</b>	<b>2,774</b>	<b>2,709</b>	<b>2,787</b>	<b>2,680</b>	<b>2,793</b>	<b>2,830</b>	<b>2,544</b>	<b>2,820</b>	<b>2,450</b>	<b>2,833</b>	<b>2,739</b>	<b>32,761</b>
Fatima Fertilizer	Feed	2,825	2,805	2,755	2,856	2,765	2,889	2,853	2,515	1,437	2,170	2,505	2,798	31,172
	Fuel	493	490	488	498	474	462	460	419	374	413	452	433	5,454
	<b>Total</b>	<b>3,318</b>	<b>3,295</b>	<b>3,243</b>	<b>3,355</b>	<b>3,239</b>	<b>3,351</b>	<b>3,313</b>	<b>2,933</b>	<b>1,810</b>	<b>2,582</b>	<b>2,957</b>	<b>3,231</b>	<b>36,627</b>
Total	Feed	16,103	16,255	15,859	17,729	17,222	17,781	15,450	13,536	15,916	16,056	17,101	17,727	196,735
	Fuel	3,234	3,169	3,230	3,676	3,405	3,586	3,373	2,907	3,528	3,511	3,757	3,742	41,117
<b>Grand Total</b>	<b>Total</b>	<b>19,337</b>	<b>19,424</b>	<b>19,089</b>	<b>21,406</b>	<b>20,626</b>	<b>21,367</b>	<b>18,823</b>	<b>16,443</b>	<b>19,444</b>	<b>19,567</b>	<b>20,858</b>	<b>21,468</b>	<b>237,852</b>

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