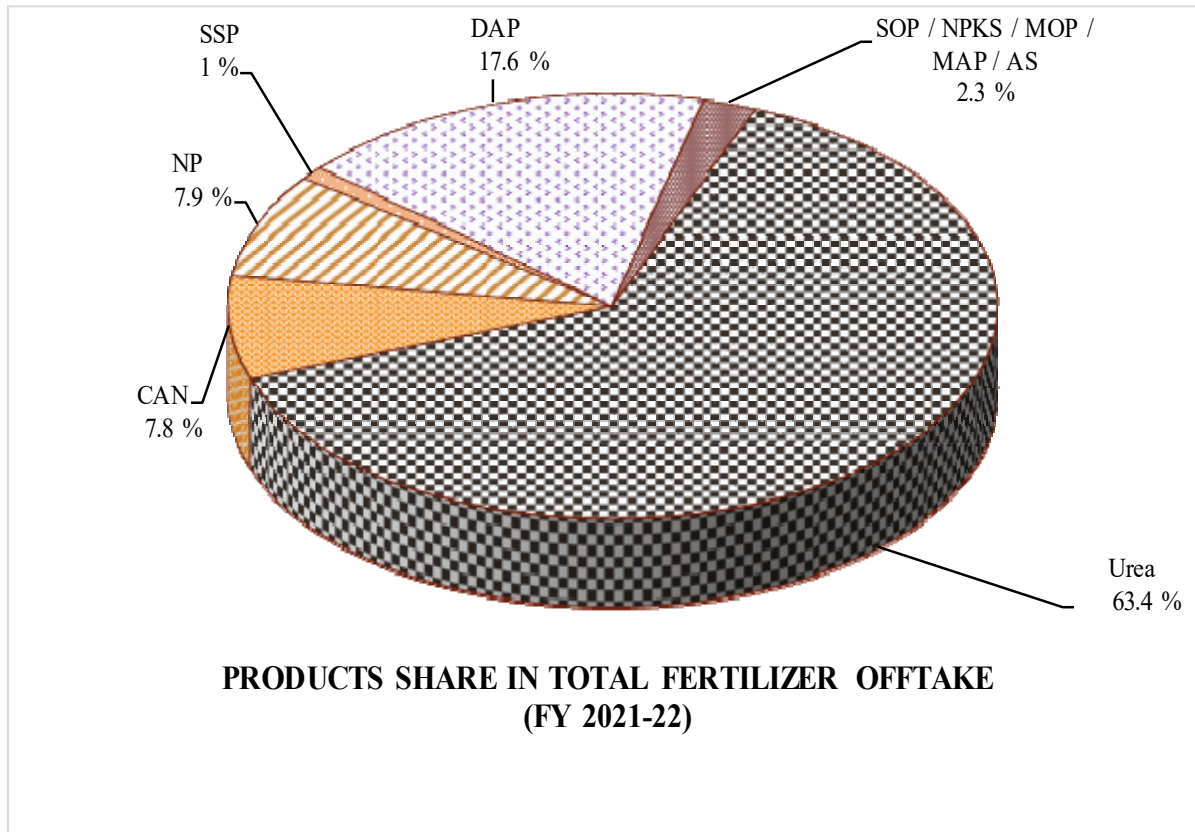




Fertilizer Review

2021-22



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

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The National Fertilizer Development Centre

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FOREWORD

Fertilizer Review is a regular annual publication of the National Fertilizer Development Centre (NFDC), Ministry of National Food Security and Research. Annual Fertilizer Review FY 2021-22 is a comprehensive document that highlights the trend of fertilizer use covering details regarding domestic production, imports, total availability, offtake (National, Provincial, and District level), domestic and international price trends, economics of fertilizer use and fertilizer demand estimates for next five years.

The compilation of the Review is mainly based on fertilizer-related data for the FY 2021-22; provided by Government organizations, fertilizer manufacturers, and fertilizer importers. I would like to appreciate all for providing valuable information. It is hoped that the information presented here would be useful for policymakers, extension workers, researchers, students, fertilizer marketing companies, and other related agencies engaged in fertilizer use development.

The dedication and hard work of NFDC staff led by Mr. Abdul Jalil, Ex-Chief, NFDC deserve appreciation for the compilation and interpretation of the data. Others who contributed to the preparation of the report included Mr. Sultan Muhammad (Retd.) and Dr. Saeed Akhtar, Deputy Chiefs, Dr. Ahmad Ali Khan, Dr. Muhammad Islam, and Mr. Babar Ali Qureshi Assistant Chiefs and Dr. Yasir Mehmood, Research Officer. Mr. Khurram Shahzad, APS deserves special appreciation for his assistance in formatting the text.

(Zafar Hasan)
Secretary
Ministry of National Food Security and Research

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ABBREVIATIONS USED

AS	Ammonium Sulphate
CAN	Calcium Ammonium Nitrate
DAP	Di-ammonium 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
FY	Fiscal Year
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 Million Cubic Feet
MAP	Mono-ammonium Phosphate
MM	Millimeter
MOP	Muriate of Potash
N	Nitrogen
NFDC	National Fertilizer Development Centre
NFML	National Fertilizer Marketing Limited
NP	Nitrophos
PUE	Phosphorus Use Efficiency
P	Symbol of phosphate fertilizer expressed as P_2O_5 or 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 a natural or artificial substance containing the chemical elements that improve growth and productivity of plants. Fertilizer is a costly input for crop production. Its contribution toward increase in crop yield is from 30 to 50 per cent while its share in cost of production is from 20 to 30 per cent. Therefore, monitoring of fertilizer supply demand and price situation 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 2021-22 and crop seasons of Kharif 2021 and Rabi 2021-22. The overall fertilizer product offtake increased by 0.7 per cent during the fiscal year 2021-22 as compared to 2020-21. Fertilizer offtake decreased by 2.6 per cent during Kharif 2021 and by 0.5 per cent during Rabi 2021-22 over the same time frame of last year. Highlights of FY 2021-22 with regard to fertilizer sector along with outlook for the fiscal year 2022-23 are given below.

Fertilizer Supply

Overall fertilizer availability during FY 2021-22 was 5,488 thousand nutrient tonnes, which witnessed a decrease of 1.7 per cent over last fiscal year 2020-21. Total availability of nitrogen, phosphate and potash was 4,101, 1,301 and 86 thousand nutrient tonnes, respectively. Product-wise availability was; urea 6,958, DAP 2,143, and Nitrophos 1,216 thousand product tonnes. Domestic production met about 89.1 per cent of the country's requirements during 2021-22. The deficit of 10.9 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 FY 2021-22 was 9,245 thousand tonnes compared to 9,009 thousand tonnes during FY 2020-21, showing an increase of 2.6 per cent. Urea production during FY 2021-22 was 6,426 thousand tonnes (6,301 thousand tonnes in 2020-21) followed by NP 902, CAN 826, DAP 897, SSP 101, SOP 15 and NPK of various grades 78 thousand tonnes.

Domestic industry witnessed a positive trend in fertilizer production in nutrient terms. The production in nutrient terms increased from 4,092 thousand tonnes during FY 2020-21 to 4,211 thousand tonnes during FY 2021-22 showing an increase of 2.9 per cent. Nitrogen production was 3,545 thousand tonnes and recorded an increase of 2.3 per

cent (84.2 per cent share in total nutrients production), phosphate 644 thousand tonnes (15.3 per cent share in total nutrients production), which increased by 6.6 per cent. Potash production (in NPKs and SOP) was about 21.7 thousand tonnes (0.5 per cent share in total nutrients production) and recorded an increase of 1.6 per cent, over the same time frame of last fiscal year 2020-21.

In product terms, fertilizer production increased from 4,428 thousand tonnes in Kharif 2020 to 4,528 thousand tonnes during Kharif 2021. In nutrient terms, fertilizer production increased by 1.9 per cent from 2,017 to 2,055 thousand tonnes during Kharif 2021. Fertilizer industry experienced positive growth during Rabi 2021-22 as compared with Rabi 2020-21. In product terms, fertilizer production increased by 8.0 per cent from 4,344 thousand tonnes to 4,691 thousand tonnes while in nutrient terms, it increased by 9.2 per cent from 1,964 thousand tonnes to 2,145 thousand tonnes.

Fertilizer Imports

The fertilizer imports during FY 2021-22 were 1,125 thousand product tonnes compared with 1,454 thousand tonnes during FY 2020-21 showing a decrease of 22.6 per cent over the same time frame of last year. Product-wise imports were: urea 100, DAP 894, AS 21, SOP 42, MOP 43 and MAP 25 thousand tonnes. The fertilizer imports were entirely handled by the private sector except urea during FY 2021-22.

Imports during Kharif 2021 were 863 thousand product tonnes against 658 thousand product tonnes during Kharif 2020, which represented an increase of 31.2 per cent. During Rabi 2021-22, imports were 557 thousand tonnes, against 587 thousand tonnes during Rabi 2020-21, witnessing a decrease of 5 per cent.

Fertilizer Offtake

Offtake of all nutrients during FY 2021-22 was 5,001 thousand tonnes as compared to 5,008 thousand tonnes in FY 2020-21, representing a decrease of 0.1 per cent. Of this, nitrogen was 3,838 thousand tonnes, phosphate 1,093 thousand tonnes and potash 70.9 thousand tonnes. An increase of 3.4 per cent was observed in nitrogen and 2.3 per cent in potash while decrease of 11.0 per cent in phosphate offtake was witnessed during 2021-22 as compared to same period of 2020-21.

The offtake of urea increased from 6,267 thousand tonnes in 2020-21 to 6,691 thousand tonnes in 2021-22, registering an increase of 6.8 per cent. The offtake of DAP decreased

from 2,170 thousand tonnes in 2021-22 to 1,863 thousand tonnes in 2020-21 registering downward trend of 14.2 per cent over last year. The offtake of other products during 2021-22 was: CAN 820, NP 838, NPK's 88, SSP 107, SOP 43, MOP 56, AS 33 and MAP 23 thousand tonnes.

Fertilizers (nutrients) Use Ratio

Nitrogen to phosphate use ratio was 3.5:1 during FY 2021-22. The agronomical recommended N to P ratio is 2:1. Potash use is still not developed and needs promotional activities.

Province-wise Offtake/Shares

Punjab's share in overall nutrient offtake was 69.3 per cent, Sindh 23.3 per cent, Khyber Pakhtunkhwa 4.0 per cent and Balochistan 3.4 per cent during FY 2021-22. The overall provincial share remained more or less the same as was during the preceding years.

Fertilizer Offtake per Hectare

At national level, average offtake of all nutrients per hectare of gross cropped area was 207 kg during 2021-22 (207 kg/ha during 2020-21).

Average fertilizer use in Sindh province was the highest at 325 kg/ha of gross cropped area, followed by Punjab and Balochistan (197 and 137 kg/ha). The fertilizer nutrient use was 102 kg/ha in KP, during FY 2021-22.

Fertilizer Supply/Demand Situation during Kharif 2021 and Rabi 2021-22

During Kharif 2021, overall product availability was about 6,116 thousand tonnes, representing a decrease of 4.5 per cent over Kharif 2020. Out of total availability, domestic fertilizer production was 4,528 thousand product tonnes, against 4,428 thousand tonnes during Kharif 2020 showing an increase of 2.2 per cent. Production of urea and DAP was 3,107 and 444 thousand tonnes, respectively during Kharif 2021. Production of urea slightly increased by 0.1 per cent while that of DAP increased by 8.5 per cent during Kharif 2021 over Kharif 2020.

During Kharif 2021, overall fertilizer offtake was 5,157 thousand tonnes which was 2.6 per cent less than previous Kharif. Urea and DAP offtake was 3,258 and 889 thousand tonnes, respectively, registering an increase of 2.2 per cent in case of urea and a decrease of 23.5 per cent in case of DAP over Kharif 2020.

In Rabi 2021-22, total fertilizer availability was about 6,174 thousand tonnes, witnessing an increase of 2.8 per cent over Rabi 2020-21. Share of domestic production was 4,691 thousand product tonnes, showing an increase of 8.0 per cent as compared to Rabi 2020-21. Quantum of urea and DAP produced during Rabi 2021-22 was 3,309 and 448 thousand tonnes, respectively.

The total fertilizer offtake in Rabi 2021-22 was 5,306 thousand tonnes compared to 5,335 thousand tonnes in Rabi 2020-21 representing a decrease of 0.5 per cent. Offtake of urea and DAP was 3,320 and 927 thousand tonnes, respectively. Use of urea increased by 3.0 per cent while that of DAP decreased by 16.4 per cent, over previous Rabi 2020-21.

Prices

Prices of all fertilizer products increased during FY 2021-22. The average increase in prices of urea (Sona) and urea (other) was 22.7 and 15.8 per cent, respectively. Price of DAP and NP increased by 84.0 and 70.5 per cent. Price of SOP and CAN also increased by 130.1 and 20.6 per cent, respectively during 2021-22.

The urea prices in Middle East registered upward trend during FY 2021-22 from US \$ 451.9/t in August, 2021 to US \$ 935.6 FOB/t in December 2021. Price of urea in China increased by 22.4 per cent while DAP price went up by 70.6 per cent. Price of DAP in Australia increased by 53.8 per cent.

Natural Gas Consumption

About 271,797 million cubic feet gas was consumed by fertilizer plants during the fiscal year 2021-22. The major portion (82.9 per cent) of this was used as feed stock and 17.1 per cent as fuel.

Global Fertilizer Situation

The world fertilizer consumption data depicts that fertilizer consumption is expected to be around 198.2 million nutrient tonnes in fertilizer year 2021-22 compared to 203.8 million nutrient tonnes during 2020-21. The decrease in consumption of nitrogen, phosphate and potash at global level is estimated by 2.1, 3.3 and 3.9 per cent, respectively during FY 2021-22 as compared to FY 2020-21 mainly as a result of higher fertilizer prices in international market.

Economics of Fertilizer Use

Due to variation in prices of fertilizers and major crops, benefit cost ratio of farmer's changes with passage of time. The average price of urea during Kharif 2021 increased by Rs. 94 and DAP by Rs. 2308 per bag of 50 kg over Kharif 2020, respectively. During Rabi 2021-22, an increase of Rs. 202 and Rs. 4168 per bag of 50 kg in respective average price of Urea and DAP was observed over Rabi 2020-21. During fiscal year 2021-22, it has been observed that Nitrogen from Urea remained cheaper for wheat, rice and cotton while Phosphate from DAP remained costlier for all major crops in terms of Kg required to buy 1 Kg of N from Urea or P₂O₅ from DAP.

Demand Forecast: Outlook 2022-23

The growth in fertilizer demand for 2022-23 is projected negatively in nutrient terms for all major nutrients. Nitrogen offtake is expected to decline by 9.7 per cent, phosphate by 17.1 while potash by 36.3 per cent, respectively due to escalation in prices. Long term basis, annual estimates up to 2026-27 have been depicted in Annex-27 (A).

1. INTRODUCTION

Annual Fertilizer Review 2021-22, is a comprehensive document providing details of fertilizer products and nutrients availability (production and imports) by season and year at provincial and at national level. It covers fiscal year 2021-22 and details of Kharif 2021 and Rabi 2021-22 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.

Fertilizer production increased to 9,245 thousand tonnes during FY 2021-22 which is 2.6 per cent higher than previous year. Increase in production is due to supply of gas to Pak Arab from Mari network. In addition to this two LNG based plants (Fatimafert and Agritech) were functional for most part of the year under review, which resulted in improved availability of urea in domestic market.

Overall, nutrient offtake during fiscal year 2021-22 was 5,001 thousand tonnes, which represented a decrease of 0.1 per cent over the previous year 2020-21. Nitrogen offtake registered an increase of 3.4 per cent while phosphate offtake decreased by 11 per cent. Potassium offtake also witnessed an increase of 2.3 per cent. There was a decrease of 5.2 per cent in nutrients offtake during Kharif 2021 and a decrease of 1.9 per cent during Rabi 2021-22 over the preceding seasons. Among major products, urea offtake during Rabi 2021-22 went up by 3.0 per cent, while DAP offtake decreased by 16.4 per cent as compared with Rabi 2020-21.

2. FERTILIZER AVAILABILITY DURING FY 2021-22

2.1 Domestic production

Domestic production of all fertilizers witnessed an increase of 2.6 per cent in product terms during 2021-22 as compared with 2020-21. Production in terms of fertilizer nutrient increased by 2.9 per cent i.e., from 4,092 in 2020-21 to 4,211 thousand nutrient tonnes in 2021-22. Out of total domestic production, 3,545 thousand nutrient tonnes (84.2 per cent share) was nitrogen, 644 thousand nutrient tonnes (15.3 per cent share) was phosphate and 21.7 thousand nutrient tonnes of potash.

In product terms, total domestic production, was about 9,245 thousand tonnes during 2021-22, which was 73 thousand tonnes more than the previous year, showing an increase of 2.6 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 nitrogenous fertilizer. Its share in total fertilizer production was 69.5 per cent, which decreased slightly during current fiscal year. The share of other products was: DAP (9.70 per cent), NP (9.8 per cent), SSP (1.10 per cent), CAN (8.9 per cent), SOP (0.16 per cent) and NPK's various grades (0.85 per cent).

The performance of urea plants was 101.9 per cent of installed capacity and the aggregate performance of all fertilizer plants was 101 per cent. The products manufactured during 2021-22, were: urea 6,426, CAN 826, NP 902, DAP 897, SSP 101, SOP 15 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 FY 2020-21 and FY 2021-22

Products	Manufacturer	Annual Production capacity ('000 t)	2020-21		2021-22		Per cent change in 2021-22 Over 2020-21	Production as % of capacity during 2021-22
			Production ('000 t)	Per cent share	Production ('000 t)	Per cent share		
PRODUCTS								
Urea	Fatima Fert (DHCL)	445	315	3.50	364	3.9	16	82
Urea	EFERT	2230	2200	24.42	2153	23.3	-2	97
Urea (PFL)	PAK ARAB	109	66	0.74	94	1	42	86
Urea (PAFL)	Agri Tech (Pvt.) Ltd.	429	240	2.66	286	3.1	19	67
Urea (prilled)	FFC	1330	1633	18.13	1669	18.0	2	125
Urea (granular)	FFBL	551	524	5.82	533	5.8	2	97
Urea (PSFL)	FFC	718	816	9.06	893	9.7	9	124
Urea	Fatima Fertilizer Co	495	507	5.63	435	4.7	-14	88
Urea	Total	6307	6301	69.95	6426	69.5	2.0	101.9
CAN (PAR)	PAK ARAB	450	303	3.36	357	3.9	18	79
CAN	Fatima Fertilizer Co	420	490	5.44	469	5.1	-4	112
CAN	Total	870	793	8.8	826	8.9	4.1	95
NP(PAR)	PAK ARAB	305	355	4	367	3.97	3	120
NP	EFERT	40	52	0.57	68	0.74	32	170
NP	Fatima Fertilizer Co	360	514	5.71	467	5.05	-9	130
NP	Total	705	921	10.2	902	9.8	-2.1	128
DAP-SONA	FFC	675	789	8.76	897	9.70	13.6	133
SSP	LCFL (Al Hamd)	108	-	-	-	-	-	-
SSP	Agritech Limited	147	73	0.82	67	0.73	-8.4	46
SSP	Suraj Fertilizer	150	31	0.35	30	0.33	-2.7	20
SSP	Safi Chemicals	40	1	0.01	4	0.04	238	9.4
SSP	Total	445	106	1.17	101	1.10	-4.1	23
SOP	Pacific Exim Pvt. Ltd.	10	11	-	15	0.16	38	147
NPK (Various Grades)	EFERT	120	87	0.97	78	0.85	-10	65
NPK	Safi Chemicals	40	-	-	-	-	-	-
All Products	Total	9172	9009	100	9245	100	2.6	101
NUTRIENTS								
	Nitrogen		3466	84.7	3545	84.2	2.3	
	Phosphate		605	14.8	644	15.3	6.6	
	Potash		21.3	0.5	21.7	0.5	1.6	
	Total		4,092	100	4211	100	2.9	

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 an affordable price to the farming community.

Domestic production met about 89.1 per cent of total fertilizer requirements during 2021-22 (85.9 per cent during 2020-21) and the gap between demand and domestic production (10.9 per cent) was met through imports (Table 5). A total quantity of 1,125 thousand tonnes of various products (684 thousand tonnes in terms of nutrients), was made available through imports (Table 2).

DAP constitutes the major share of 79 per cent. Quantitatively, imports were: Urea 100, DAP 894, MAP 25, AS 21, SOP 42 and MOP 43 thousand tonnes. The data are summarized in Table 2 and month-wise details are shown in Annex-2.

Table 2. Fertilizer imports during FY 2020-21 and FY 2021-22

Products	2020-21		2021-22		Per cent change in 2021-22 over 2020-21
	Imports	Per cent share	Imports	Per cent share	
('000 tonnes)					
PRODUCTS					
Urea	-	-	100	9	-
DAP	1,263	87	894	79	-29
SSP	-	-	-	-	-
SOP	36	2	42	4	17
NP	-	-	-	-	-
MOP	54	4	43	4	-20
AS	92	6	21	2	-77
MAP	11	1	25	2	135
All Products	1,454	100	1,125	100	-22.6
NUTRIENTS					
Nitrogen	248	28	214	31	-14
Phosphate	586	66	423	62	-28
Potash	50	6	47	7	-7
Total	884	100	684	100	-22.6

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

3. FERTILIZER OFFTAKE DURING FY 2021-22

3.1 Fertilizer offtake by nutrients

Total fertilizer offtake of all nutrients (N+P₂O₅+K₂O) was 5,001 thousand tonnes during 2021-22 as compared with 5,008 thousand tonnes of last year 2020-21 which witnessed a decrease of 0.1 per cent. Nitrogen offtake increased by 3.4 per cent, while that of phosphate offtake decreased by 11.0 per cent. Potash offtake also witnessed an increase of 2.3 per cent.

Total nutrients offtake during 2021-22, 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 FY 2021-22 compared with previous years

Nutrients	('000 tonnes)				
	2017-18	2018-19	2019-20	2020-21	2021-22
Nitrogen	3,435	3,408	3,415	3,711	3,838
Phosphate	1,279	1,153	1,084	1,228	1,093
Potash	49.9	53.4	50.2	69.3	70.9
Total	4,763	4,614	4,549	5,008	5,001
Per cent change		-3.1	-1.4	10.1	-0.1
N:P Ratio	2.69	2.95	3.15	3.02	3.51

Nitrogen to phosphate imbalance

Data in Table 5 show that nitrogen share in total nutrients offtake was 76.7 per cent during 2021-22 (74.1 per cent during 2020-21), phosphate 21.8 per cent share (24.5 per cent during 2020-21) and potash 1.4 per cent (1.4 per cent during 2020-21). The NP ratio (3.51) was 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 3.51 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 FY 2021-22

Of the 0.1 per cent decrease in total fertilizer nutrient offtake, a decrease of 1.6 per cent was observed in Punjab, 16.7 per cent in KP and 18.1 per cent in Balochistan. An increase of 11.2 per cent was observed in Sindh.

At national level, nitrogen offtake during 2021-22 increased by 3.4 per cent compared with last year. Nitrogen offtake increased by 1.5 per cent in Punjab and 17.3 per cent in Sindh. Its offtake decreased by 14.5 and 16.7 per cent in KP and Balochistan, respectively.

Phosphate offtake decreased by 11 per cent at national level during 2021-22. Its offtake decreased by 10.4 per cent in Punjab, 9.4 per cent in Sindh, 22.8 per cent each in both KP and

Balochistan during 2021-22 as against 2020-21. Potash offtake increased by 2.3 per cent at national level. It increased by 63.3 per cent in Sindh, while its offtake decreased by 6.2 per cent in Punjab, 41.5 per cent in KP and 28.2 per cent in Balochistan during 2021-22 as compared to last year.

Based on five years' average, the share of Punjab in overall nutrient offtake was 69.3 per cent, followed by Sindh 23.3 per cent, KP 4.0 per cent and Balochistan 3.4 per cent. The N to P use ratio was better (3.34:1) in Punjab 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 2021-22 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 FY 2021-22 compared with previous seasons

('000 tonnes)								
Province	2017-18	2018-19	2019-20	2020-21	2021-22	Per cent change in 2021-22 over 2020-21	Provincial Share (%) 5 Years basis	N to P ratio (2021- 22)
Total								
Punjab	3,316	3,172.8	3,080	3,535	3,478	-1.6	69.3	3.34
Sindh	1,126	1,123.0	1,077	1,068	1,188	11.2	23.3	3.97
KP	174	178.0	197	225	187	-16.7	4.0	4.02
Balochistan	147	140.2	193	180	148	-18.1	3.4	3.97
AJK/FATA	0.4	0.5	0.1	-	-	-	0	-
Total	4,763	4,614	4,549	5,008	5,001	-0.1	100	3.51
Per cent change over previous year		-3.1	-1.4	10.1	-0.1			
Nitrogen								
Punjab	2,354	2,323	2,290	2,600	2,638	1.5	68.5	
Sindh	852	850	832	797	935	17.3	24.0	
KP	125	134	151	173	148	-14.5	4.1	
Balochistan	104	100	142	140	117	-16.7	3.4	
AJK/FATA	0.3	0.3	0.14	0.04	-	-100	0.00	
Total	3,435	3,408	3,415	3,711	3,838	3.4	100	
Per cent change over previous year		-0.8	0.2	8.7	3.4			
Phosphate								
Punjab	925	810	752	882	791	-10.4	71.3	
Sindh	266	264	238	260	236	-9.4	21.7	
KP	46.6	40.6	43.9	47.8	36.9	-22.8	3.7	
Balochistan	41.1	38.0	49.9	38.1	29.4	-22.8	3.4	
AJK/FATA	0.1	0.2	0.0	-	-	-	0.0	
Total	1,279	1,153	1,084	1,228	1,093	-11.0	100.0	
Per cent change over previous year		-9.8	-6.0	13.3	-11.0			
Potash								
Punjab	37	39	38	53	50	-6.2	73.8	
Sindh	8	9	7	11	18	63.3	18.2	
KP	2.7	3.6	2.9	3.6	2.1	-41.5	5.1	
Balochistan	1.7	1.8	1.8	1.9	1.4	-28.2	2.9	
AJK/FATA	-	-	-	-	-	0	-	
Total	49.9	53.4	50.2	69.3	70.9	2.3	100	
Per cent change over previous year		6.9	-6.0	38.0	2.3			

3.3 Fertilizer offtake by product during FY 2021-22

During the year 2021-22, a total quantity of about 10,561 thousand tonnes (74 thousand tonnes more than that of 2020-21), was sold by marketing agencies, showing an increase of 0.7 per cent over the same time frame of last year. Offtake of domestically produced products was 9,410 thousand tonnes, representing an increase of 4.5 per cent. Offtake of imported products was about 1,151 thousand tonnes, which was 332 thousand tonnes less than that of 2020-21, showing a decrease of 22.4 per cent (Table 5).

Among products, share of urea was 63.4 per cent, followed by DAP (17.6 per cent), NP (7.9 per cent), CAN (7.8 per cent), SSP (1.0 per cent) and other products (2.2 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 2020-21 and 2021-22 are given in Annex-5.

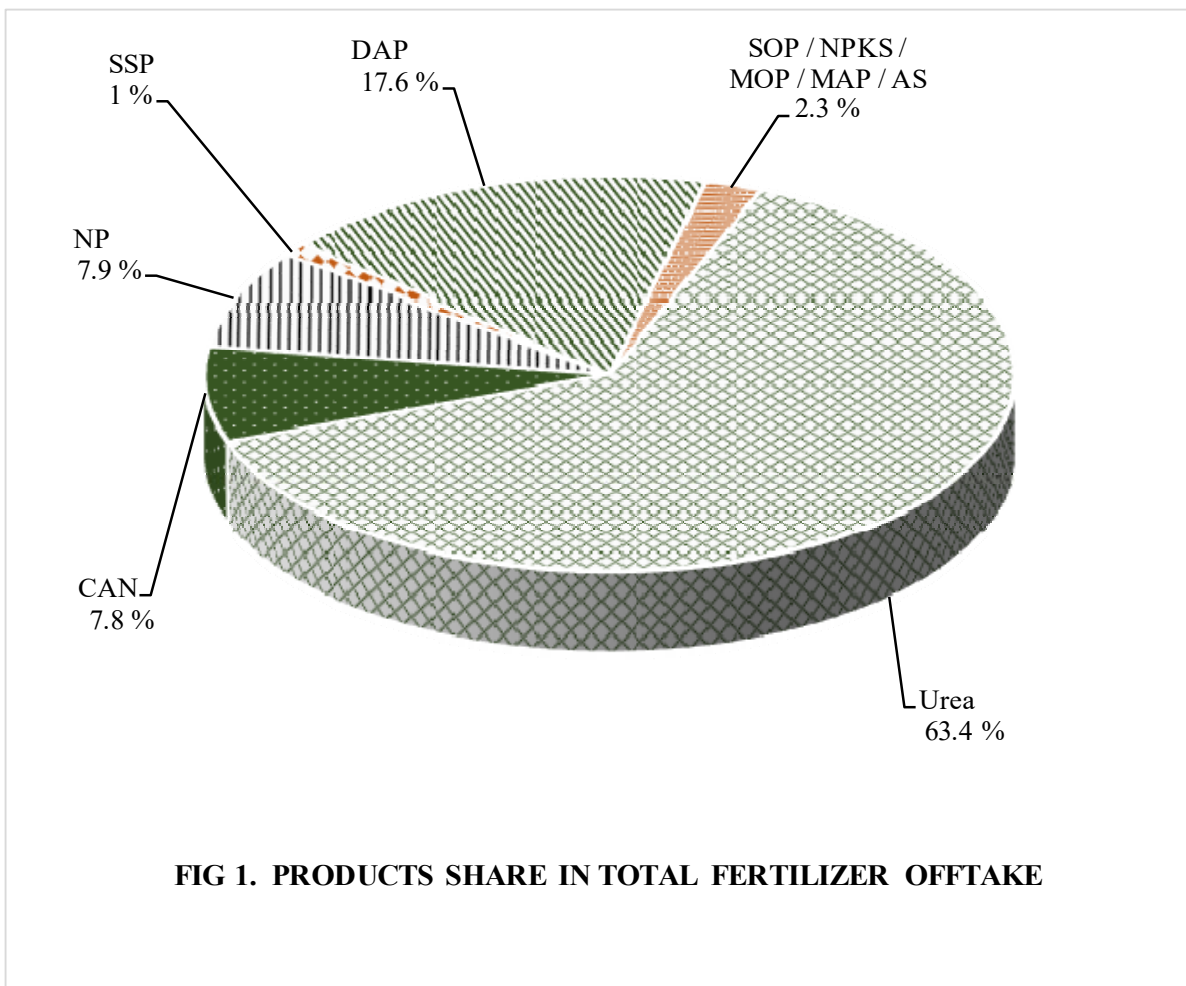


Table 5. Product-wise fertilizer offtake during FY 2020-21 and FY 2021-22

Products	('000 tonnes)				
	2020-21 Offtake (000 tonnes)	Per cent Share	2021-22 Offtake (000 tonnes)	Per cent Share	Per cent change in 2021-22 over 2020-21
Urea domestic	6,267	59.8	6,676	63.2	6.5
Urea Imported	-	-	14	0.1	-
Total Urea	6,267	59.8	6,691	63.4	6.8
CAN domestic	852	8.1	820	7.8	-3.7
NP Imported	0.2	0.0	-	-	-100.0
NP domestic	786	7.5	838	7.9	6.5
Total NP	786	7.5	838	7.9	6.5
SSP domestic	89	0.8	107	1.0	20.3
SSP Imported	-	-	-	-	-
DAP domestic	905	8.6	871	8.2	-3.8
DAP Imported	1,265	12.1	992	9.4	-21.6
Total DAP	2,170	20.7	1,863	17.6	-14.2
TSP Imported	-	-	-	-	0
SOP domestic	13	0.1	10	0.1	-23
SOP Imported	42	0.4	33	0.3	-23.1
NPK's	92	0.9	88	0.8	-3.8
MOP Imported	41	0.4	56	0.5	37
MAP Imported	34	0.3	23	0.2	-32
AS	101	1	33	0.3	-68
Grand Total	10,487	100.0	10,561	100.0	0.7
Total domestic	9,004	85.9	9,410	89.1	4.5
Total Imported	1,483	14.1	1,151	10.9	-22.4

A. DOMESTIC PRODUCTS

Nitrogen	3,458	69.0	3,643	72.8	5.4
Phosphate	628	12.5	624	12.5	-0.6
Potash	23	0.5	21	0.4	-11.3
Total	4,110	82	4,288	85.7	4.3
	3,458	69.0	3,643	72.8	5.4

B. IMPORTED PRODUCTS

Nitrogen	253	5.1	195	3.9	-23.0
Phosphate	600	12.0	468	9.4	-21.9
Potash	46	0.9	50	1.0	9.3
Total	898	18	713	14.3	-20.6

C. TOTAL PRODUCTS

Nitrogen	3,711	74.1	3,838	76.7	3.4
Phosphate	1,228	24.5	1,093	21.8	-11.0
Potash	69.3	1.4	70.9	1.4	2.3
Total	5,008	100.0	5,001	100	-0.1

3.4 Province-wise Urea and DAP offtake during FY 2021-22

Urea accounted for the largest share of 63.4 per cent in total product offtake in the country (Table 5). Its offtake increased by 6.8 per cent at national level over the year 2020-21. Urea offtake increased by 5.3 per cent in Punjab and 20.9 per cent in Sindh. Its offtake decreased by 12.6 per cent in KP and 17.9 per cent in Balochistan (Table 6).

DAP offtake during FY 2021-22, decreased by 14.2 per cent at national level. DAP offtake decreased by 13.1 per cent in Punjab, 13.3 per cent in Sindh, 25.5 per cent in KP and 31.9 per cent in Balochistan during 2021-22 compared to last fiscal year 2020-21.

As far as provincial shares in urea offtake are concerned, Punjab share on five years average was 67.7, Sindh 24.4, KP 4.4 and Balochistan 3.5 per cent. Punjab share in DAP offtake was 72.1 per cent, followed by Sindh 21.1, KP 3.5 and Balochistan 3.3 per cent (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 2021-22, compared with last five 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 2021-22 compared with previous years

Province	2017-18	2018-19	2019-20	2020-21	2021-22	(000 Tonnes)	
						Per cent change in 2021-22 over 2020-21	Provincial share (Average 5 years) Per cent
UREA							
Punjab	3,908	4,021	3,992	4335	4565	5.3	67.7
Sindh	1504	1520	1491	1,348	1,630	20.9	24.4
KP	227	250	282	326	285	-12.6	4.4
Balochistan	185	180	251	258	212	-17.9	3.5
AJK/FATA	0.23	0.19	0.1	0	0	-	-
Total	5,825	5,970	6,015	6,267	6,691	6.8	100.0
Per cent change over previous year		2.5	0.8	4.2	6.8		
DAP							
Punjab	1,779	1,563	1,395	1576	1369	-13.1	72.1
Sindh	495	490	422	450	391	-13.3	21.1
KP	86	75	73	79	59	-25.5	3.5
Balochistan	80	72	93	65	44	-31.9	3.3
Total	2,440	2,200	1,984	2,170	1,863	-14.2	100.0
Per cent change over previous year		-9.8	-9.8	9.4	-14.2		

4. SUPPLY/DEMAND SITUATION DURING FY 2021-22

The fertilizer availability/supply includes factory stocks, stocks at warehouses of both public and private sector, domestic production and imported products delivered from Karachi and Gawadar 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 the 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 FY 2021-22

The year 2021-22 had an opening inventory of about 594 thousand nutrient tonnes. Domestic production was 4,211 thousand nutrient tonnes and imports were 684 thousand nutrient tonnes. Total availability was about 5,488 thousand nutrient tonnes (Table 7). Total nutrient offtake during 2021-22 was 5,001 thousand nutrient tonnes as compared to 5,008 thousand nutrient tonnes in 2020-21, showing a decrease of 0.1 per cent. Data in Table 8 reveal that nitrogen offtake as proportion of supply did not cross 80 per cent mark during whole year hence, reflecting a comfortable situation. The closing (national inventory) balance was 520 thousand tonnes (Table 7), which was lower as compared to previous year 2020-21. 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 FY 2021-22

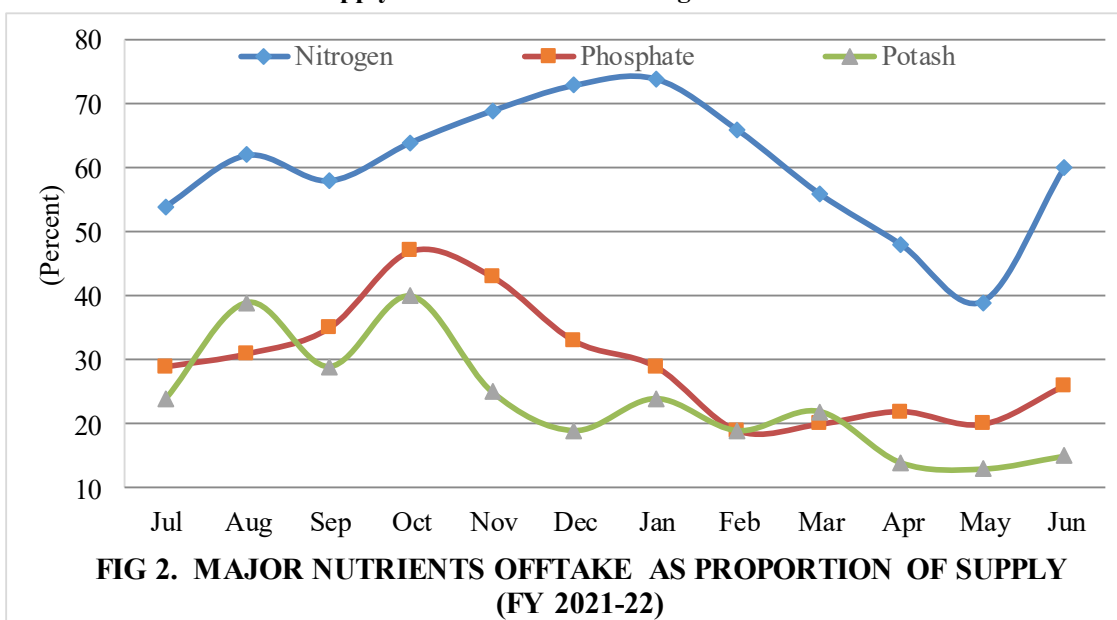


Table 7. Fertilizer supply/demand situation during FY 2021-22

Description	('000 tonnes)						
	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos
Opening Balance	342	234	18	594	432	353	314
	(334)	(264)	(12)	(610)	(413)	(474)	(164)
Domestic production	3,545	644	22	4,211	6,426	897	902
	(3,466)	(605)	(21)	(4,092)	(6,301)	(789)	(921)
Imports	214	423	47	684	100	894	-
	(248)	(586)	(50)	(884)	-	(1,263)	-
Total Availability	4,101	1,301	86	5,488	6,958	2,143	1,216
	(4,047)	(1,454)	(84)	(5,585)	(6,714)	(2,526)	(1,086)
Offtake	3,838	1,093	71	5,001	6,691	1,863	838
	(3,711)	(1,228)	(69)	(5,008)	(6,267)	(2,170)	(786)
Adjustments (+/-)	5	24	5	33	-11	57	1
National Inventory	268	232	20	520	256	337	379
	(342)	(234)	(18)	(594)	(432)	(353)	(314)

Note: Figures in parenthesis are for 2020-21.

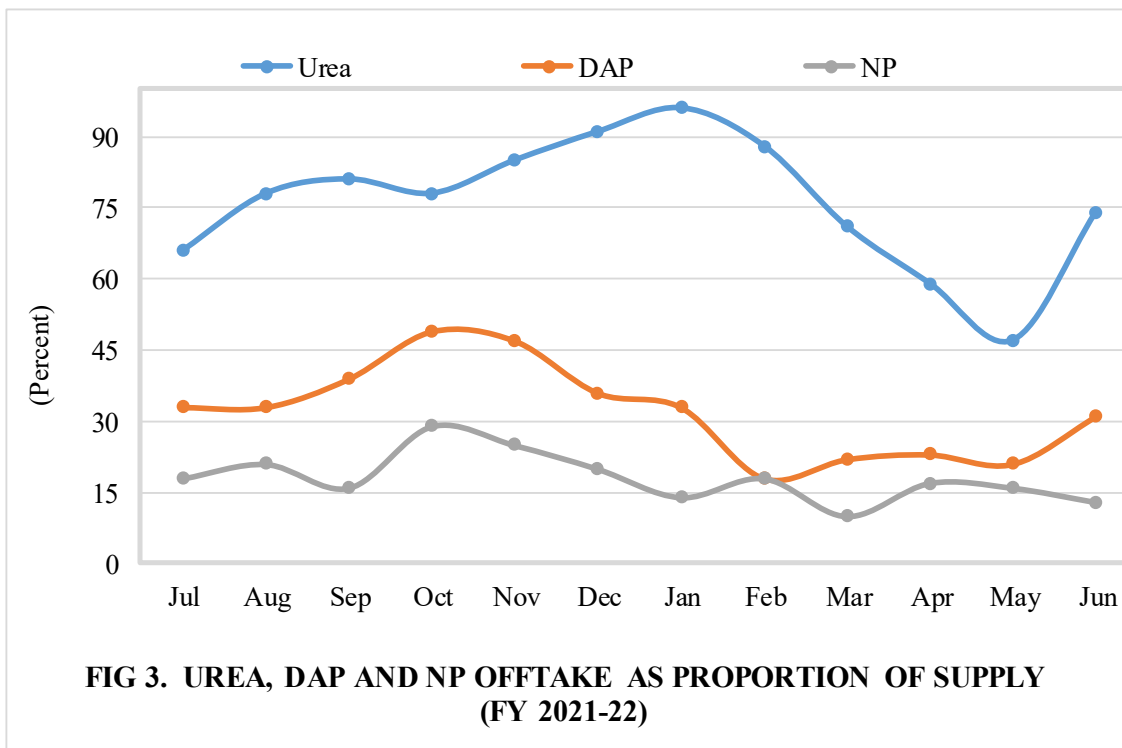
Table 8. Total supply and offtake of fertilizer nutrients during FY 2021-22

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-21	657	363	29	357	106	7	54	29	24
Aug-21	604	356	27	374	110	11	62	31	39
Sep-21	495	356	25	289	123	7	58	35	29
Oct-21	558	422	25	356	197	10	64	47	40
Nov-21	490	293	31	339	127	8	69	43	25
Dec-21	454	216	26	332	70	5	73	33	19
Jan-22	446	230	26	328	66	6	74	29	24
Feb-22	433	222	22	287	43	4	66	19	19
Mar-22	498	245	21	278	50	5	56	20	22
Apr-22	545	277	20	260	60	3	48	22	14
May-22	606	301	21	239	60	3	39	20	13
Jun-22	666	305	21	399	81	3	60	26	15

4.2 Product-wise Urea, DAP and Nitrophos supply/demand situation during FY 2021-22

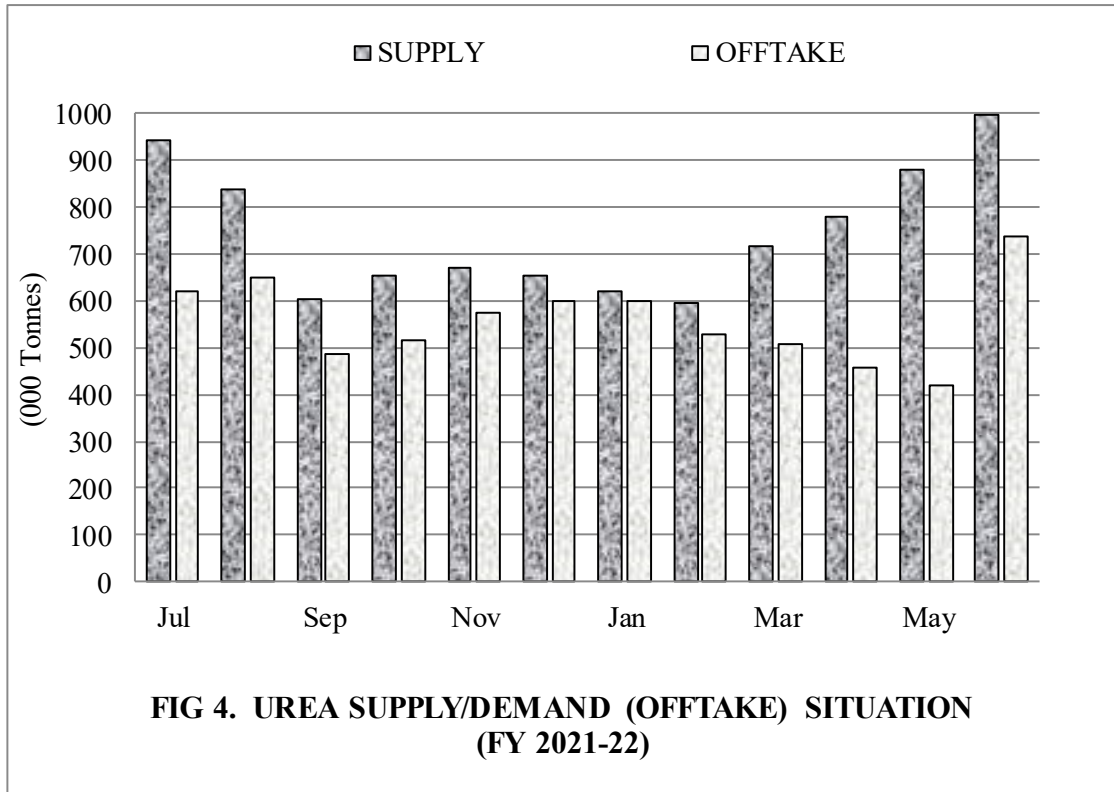
Urea, DAP and nitrophos are the most commonly used fertilizers among farming communities as source of nitrogen and phosphate. During 2021-22, urea share was 63.4 per cent, DAP 17.6 per cent and nitrophos 7.9 per cent (Table 5). The offtake of these products as proportion of supply is presented in **Figure 3**.

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



Urea supply/demand situation during FY 2021-22

The year 2021-22 started with 432 thousand tonnes of urea opening stock. Domestic production was about 6,426 thousand tonnes and 100 thousand tonnes of imported supply. The total availability of urea was therefore, 6,958 thousand tonnes (Table 7). Total urea offtake was 6,691 thousand tonnes, which witnessed an increase of 6.8 per cent over 2020-21. To cater the market demand, two LNG based plants remained functional during peak demand time and 100 thousand tonnes was imported during February and March 2022. Urea offtake as proportion of supply crossed 80 per cent mark during months of September, November and December 2021 and January and February, 2022 (Figure-3) which reflect tight situation. The closing stock at the end of 2021-22 was 256 thousand tonnes, which is a comfortable opening inventory for the year 2022-23.

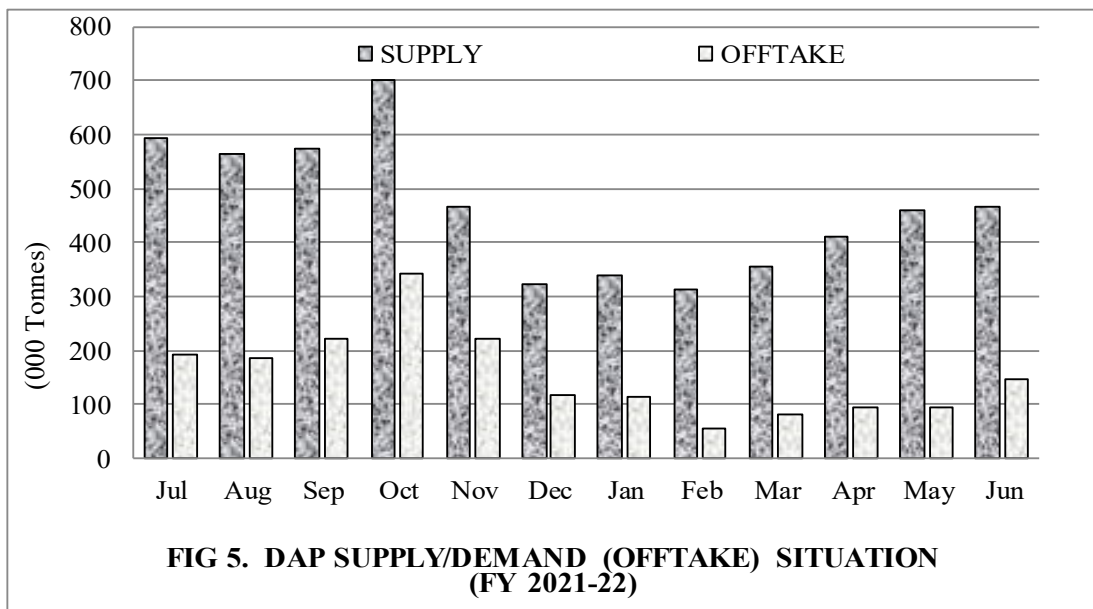


The summarized data are presented in Table 7 and 9. Urea offtake during 2021-22 compared with the last five years is at Annex-6. Monthly supply and demand situation is shown graphically in **Figure 4**.

DAP supply/demand situation during FY 2021-22

The year 2021-22 had an opening inventory of 353 thousand tonnes of DAP. Imports were about 894 thousand tonnes (1,263 thousand tonnes during 2020-21). Domestic production was 897 thousand tonnes. The total availability of DAP was therefore about 2,143 thousand tonnes (Table 7). Total DAP offtake was 1,863 thousand tonnes as compared to 2,170 thousand tonnes during 2020-21, representing a decrease of 14.2 per cent over 2020-21. The closing stock at the end of the year was 337 thousand tonnes, reflecting a comfortable inventory for next year.

The summarized data are shown in Table 7 and 9. Monthly supply/demand situation of DAP is shown graphically in Figure 5 and supply/demand situation during 2021-22 at Annexes 10 and 11.



Nitrophos supply/demand situation during FY 2021-22

It may be reiterated that nitrophos (NP) is still preferred by the farmers in the country considering a balanced fertilizer. It supplements as well as substitutes both urea (N) and DAP (P₂O₅) and is locally produced. Nitrophos offtake was 838 thousand tonnes during 2021-22, which was more than previous year level. Total availability of nitrophos during 2021-22 was 1,216 thousand tonnes compared to 1,086 thousand tonnes during previous year. This increase in availability is due to running of NP plant of Pak Arab by supply of gas from Mari Petroleum Company. The summarized data are shown in Table 7 and 9. Month-wise supply/demand situation during the year 2021-22 is presented in Annex 10 and consolidated supply/demand in Annex-11.

Table 9 Total supply / offtake of fertilizer products Urea, DAP & Nitrophos during FY 2021-22

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-21	943	594	393	622	193	70	66	33	18
Aug-21	837	565	403	649	187	86	78	33	21
Sep-21	604	574	396	487	221	62	81	39	16
Oct-21	655	702	419	514	342	120	78	49	29
Nov-21	672	465	348	574	220	88	85	47	25
Dec-21	655	321	319	599	117	65	91	36	20
Jan-22	621	340	338	598	113	48	96	33	14
Feb-22	597	314	362	527	55	65	88	18	18
Mar-22	715	355	376	509	80	36	71	22	10
Apr-22	779	411	421	459	95	72	59	23	17
May-22	881	459	427	418	94	69	47	21	16
Jun-22	998	465	435	737	145	56	74	31	13

4.3 Fertilizer use (nutrients) per hectare of cropped area during FY 2021-22

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 2021-22 was 207 kg/ha (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., 325 kg/ha (293 kg/ha during 2020-21), followed by Punjab at 197 kg/ha (201 kg/ha during 2020-21), KP 102 kg/ha (123 kg/ha during 2020-21) and Balochistan 137 kg/ha (167 kg/ha during 2020-21).

Table 10. Fertilizer use status during FY 2021-22

Province	Cropped Area (million ha)	Total Consumption during 2021-22 (000 tons)				Nutrients Use rate during 2021-22 (Kg/ ha)			
		Nitrogen	Phosphate	Potash	Total	Nitrogen	Phosphate	Potash	Total
Punjab	17.6	2,638	791	50	3,478	150	45	2.8	197
Sindh	3.7	935	236	18	1,188	256	65	4.9	325
KP	1.8	148	37	2.1	187	81	20	1.2	102
Balochistan	1.1	117	29	1.4	148	108	27	1.3	137
AJK/Gilgit Baltistan	-	0.04	-	-	0.04	-	-	-	-
Total	24.2	3,838	1,093	71	5,001	159	45	2.9	207

4.4 District-wise fertilizer offtake during FY 2021-22

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 41 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 and Balochistan. 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 65 districts with fertilizer offtake above 100 kg nutrients per hectare. Out of these, 28 districts belong to Punjab, followed by Sindh (21 districts), KP (5 districts) and Balochistan (11 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 stockist 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 FY 2021-22

Fertilizer Nutrient use Rate	Number of District				Pakistan
	Punjab	Sindh	KP	Balochistan	
i. Upto 50 kg/ha	6	1	18	16	41
ii. 50 to 100 kg/ha	3	1	7	3	14
iii. Above 100 kg/ha	28	21	5	11	65
Total	37	23	30	30	120

4.5 Fertilizer Subsidy

In order to provide fertilizers to farming community at affordable price, following different type of subsidies were provided by Government in fertilizer sector during 2021-22.

1. Subsidy in the form of cheap natural gas used as feed for fertilizer production (Rs. 865 per bag of urea as per fuel and feed price difference).
2. Subsidized LNG for production of urea for FatimaFert and Agritech. Subsidy in this regard is Rs. 2,772 per bag of urea.
3. Cash subsidy by Government of Punjab for phosphate and potash fertilizer (Rs. 1,000 per bag of DAP and Rs. 800 per bag of SOP and equivalent for other phosphate and potash fertilizers based on per cent nutrient content).
4. Subsidy on import of urea (Rs. 4,326 per bag) in order to equate the price difference between domestic and international market.

5. FERTILIZER AVAILABILITY DURING KHARIF 2021

5.1 Domestic production

Domestic production of all fertilizer products during Kharif 2021 (April-September) was about 4,528 thousand product tonnes, which was 100 thousand tonnes more than Kharif 2020. In nutrient terms, a total quantity of 2,055 thousand tonnes was additional produced by the domestic industry.

Of the total domestic production, nitrogen was 1,725 thousand tonnes, which accounted for 84.0 per cent (84.6 per cent in Kharif 2020). Phosphate production was 320 thousand tonnes, which captured a share of 15.6 per cent (15.0 per cent in Kharif 2020) and potash had just 0.5 per cent share (Table 12).

Urea production during Kharif 2021 remained at a level of about 3,107 thousand tonnes (3,104 thousand tonnes during Kharif 2020). DAP Production was 444 thousand tonnes, which increased (8.5 per cent) than that of Kharif 2020. Production of nitrophos increased by 1.7 per cent, while that of CAN increased by 10.2 per cent and SSP production increased by 31.2 per cent.

Out of seven fertilizer products produced in the country, share of urea in Kharif 2021 was 68.6 per cent (70.1 per cent in Kharif 2020), followed by DAP 9.8 per cent (9.2 per cent in Kharif 2020), NP 10.4 per cent (10.4 per cent in Kharif 2020), CAN 9.1 per cent (8.4 per cent in Kharif 2020), SSP 1.1 per cent (0.9 per cent in Kharif 2020), various grades of NPKs 0.9 per cent (0.8 per cent in Kharif 2020) and SOP 0.1 per cent. Tonnage-wise, the domestic industry produced the following quantities during Kharif 2021: Urea 3,107, CAN 411, NP 469, DAP 444, SSP 51, SOP 4.1 and NPK's (various grades) 42 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.

5.2 Fertilizer imports during Kharif 2021

Five products such as DAP, AS, SOP, MOP and MAP were imported during Kharif 2021. Fertilizer imports were 863 thousand product tonnes, which witnessed an increase of 31.2 per cent, over Kharif 2020 (Table 13).

The share of DAP in total imports was 85 per cent. DAP imports were 734 thousand tonnes (546 thousand tonnes during Kharif 2020). Total imports in terms of nutrients were 525 thousand tonnes, which witnessed an increase of 35 per cent. Volume of imported fertilizer during Kharif 2021 comprised: DAP 734, SOP and MAP 36 each, AS 47 and MAP 10 thousand tonnes. The summarized product-wise and nutrient-wise data are given in Table 13. Month-wise details are presented in Annex-15.

Table 12. Domestic fertilizer production during Kharif 2020 and 2021

Products	Manufacturer	Kharif 2020		Kharif 2021		Per cent change in Kharif 2021 over Kharif 2020
		Production ('000 t)	Per cent share	Production ('000 t)	Per cent share	
PRODUCTS						
UREA	Fatima Fert.(DHCL)	75	1.7	135	3.0	78.5
UREA	EFERT	1122	25.3	1037	22.9	-7.6
UREA(PFL)	PAK ARAB	30	0.68	39	0.86	0.0
UREA(PAFL)	Agritech	57	1.3	111	2.4	94.7
UREA (PRILLED)	FFC	825	18.6	795	17.6	-3.7
UREA (GRANULAR)	FFC	310	7.0	303	6.7	-2.2
UREA (PSFL)	FFC	426	9.6	444	9.8	4.4
UREA	Fatima Fertilizer	259	-	243	5.4	-6.0
UREA	TOTAL	3,104	70.1	3107	68.6	0.1
CAN(PAR)	PAK ARAB	140	3.2	167	3.7	19.3
CAN	Fatima	233	5.26	244	5.4	4.7
CAN	TOTAL	373	8.4	411	9.1	10.2
NP (PAR)	PAK ARAB	189	4.3	193	4.3	2.1
NP	EFERT	20	0.5	18	0.4	-9.1
NP	Fatima	252	0.0	258	5.7	2.6
NP	TOTAL	461	10.4	469	10.4	1.7
DAP - SONA	FFC	409	9.2	444	9.8	8.5
SSP (J.WAL 18%)	AL-HAMD	-	-	-	-	-
SSP (H.PUR 18%)	Agritech	35	0.8	36	0.8	4.1
SSP	Suraj Fertilizers	2.9	0.1	12.0	0.27	311.1
SSP	Safi Chemicals	1.2	0.03	2.8	0.06	133
SSP	TOTAL	39	0.9	51	1.1	31.2
SOP	Pacific	5.2	-	4.1	0.1	26.8
NPK (Various Grades)	EFERT	37	0.8	42	0.9	13.0
NPK (2:20:3)	Safi Chemicals	-	-	-	-	-
ALL PRODUCTS	TOTAL	4,428	100	4,528	100	2.2
NUTRIENTS						
	NITROGEN	1706	84.6	1725	84.0	1.1
	PHOSPHATE	302	15.0	320	15.6	6
	POTASH	9.4	0.5	9.4	0.5	0.5
	TOTAL	2017	100	2055	100	1.9

Table 13. Fertilizer imports during Kharif 2020 and 2021

('000 tonnes)

Products	Kharif 2020		Kharif 2021		Per cent change in Kharif 2021 Over Kharif 2020
	Imports ('000t)	Per cent share	Imports ('000t)	Per cent share	
PRODUCTS					
UREA	-	-	-	-	-
DAP	546	83	734	85	34
SSP	0	-	0	-	0
SOP	13	2	36	4	169
MOP	22	3.4	36	4	64
AS	66	10.0	47	5.4	-28
MAP	10	1.5	10	1.1	-5
All Products	658	100	863	100	31.2
NUTRIENTS					
Nitrogen	113	29	143	27	26
Phosphate	256	66	342	65	34
Potash	20	5	40	8	99
Total	389	100	525	100	35

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

6. FERTILIZER OFFTAKE/CONSUMPTION DURING KHARIF 2021

6.1 Fertilizer offtake by nutrients

The overall fertilizer nutrient offtake during Kharif 2021 witnessed a decrease of 5.2 per cent over previous season i.e., from 2,555 thousand nutrient tonnes in 2020 to 2,422 thousand nutrient tonnes in 2021 (Table 14). Nitrogen offtake decreased by 0.1 per cent while phosphate offtake decreased by 20.9 per cent. Potash offtake witnessed an increase of 12.5 per cent.

Nitrogen captured 77.3 per cent share in total nutrient offtake during Kharif 2021 (73.3 per cent during Kharif 2020). Phosphate claimed 21.2 per cent share (25.4 per cent during Kharif 2020) while the potash share was 1.5 per cent.

Aggregated data are given in Table 14, Annex-17 and the monthly nutrient offtake of Kharif 2021 compared with the last five seasons are shown in Annex-3.

Table 14 Fertilizer nutrient offtake during Kharif 2021 compared with previous seasons

	('000 tonnes)				
Nutrient	2017	2018	2019	2020	2021
Nitrogen	1,849	1,633	1,703	1,872	1,871
Phosphate	544	476	532	650	514
Potash	24	26	22	33	37
Total	2,416	2,135	2,257	2,555	2,422
N:P Ratio	3.40:1	3.43:1	3.20:1	2.88:1	3.64:1
					(% change)
Nitrogen		-12	4	10.0	-0.1
Phosphate		-12	12	22.1	-20.9
Potash		10	-14	48.4	12.5
Total		-11.7	5.7	13.2	-5.2

6.2 Province-wise nutrient offtake

At national level, overall nutrient offtake during Kharif 2021 decreased by 5.2 per cent compared with Kharif 2020. Province-wise decrease in nutrient offtake was: Punjab 2.5 per cent, Sindh 9.6, KP 21.6 and Balochistan 6.7 per cent over last Kharif 2020.

Nitrogen offtake decreased slightly by 0.1 per cent at national level during Kharif 2021 as compared to last Kharif. On provincial basis nitrogen offtake increased by 0.5 per cent in Punjab and 8.6 per cent in Balochistan, while its offtake decreased by 0.4 per cent in Sindh and 15.2 per cent in KP during Kharif 2021 as compared with Kharif 2020.

Phosphate offtake decreased by 20.9 per cent at national level compared with Kharif 2020. This included decrease of 12 per cent in Punjab, 37 per cent in Sindh, 42 per cent in KP and 50 per cent in Balochistan.

In overall nutrient offtake based on five years average, share of Punjab during Kharif was 69 per cent, followed by Sindh 24 per cent, KP and Balochistan 4 per cent each.

The data are summarized in Table 15 and the detailed month, province and nutrient-wise data for Kharif 2021 compared with last five seasons are presented in Annex-4.

Table 15. Province-wise nutrient offtake during Kharif 2021 compared with previous seasons

('000 tonnes)							
Province	Kharif 2017	Kharif 2018	Kharif 2019	Kharif 2020	Kharif 2021	Per cent change in Kharif 2021 over Kharif 2020	Provincial share (%) 5 years basis
Total							
Punjab	1,661	1,450	1,557	1,735	1,691	-2.5	69
Sindh	592	544	529	596	538	-9.6	24
KP	89	80	92	113	89	-21.6	4
Balochistan	74	60	78	111	104	-6.7	4
AJK/FATA	0.2	0.1	0.3	-	-	-	0.01
Total	2,416	2,135	2,257	2,555	2,422	-5.2	100
Per cent change over previous year		-11.6	5.7	13.2	-5.2		
Nitrogen							
Punjab	1,258	1,085	1,168	1,266	1,273	0.5	68
Sindh	473	439	408	438	437	-0.4	25
KP	69	62	71	86	73	-15.2	4
Balochistan	49	46	56	82	89	8.6	4
AJK/FATA	-	0.1	0.2	0.0	-	-	0.00
Total	1,849	1,633	1,703	1,872	1,871	-0.1	100
Per cent change over previous year		-11.7	4.3	10.0	-0.1		
Phosphate							
Punjab	386	346	371	442	387	-12	71.1
Sindh	114	101	119	154	97	-37	21.5
KP	19	17	20	26	15	-42	3.5
Balochistan	24	13	22	28	14	-50	3.8
AJK/FATA	0.20	-	0.1	0.03	-	-	0.02
Total	544	476	532	650	513.7	-20.9	100
Per cent change over previous year		-12.4	11.7	22.1	-20.9		
Potash							
Punjab	17.7	19.8	17.6	26.6	31.0	17	79
Sindh	4.2	3.8	2.8	4.0	4.5	13	14
KP	0.9	1.3	1.2	1.3	0.9	-32	4
Balochistan	0.8	1.0	0.6	1.1	0.7	-36	3
AJK/FATA	-	-	-	-	-	0	0
Total	24	26	22	32.9	37.1	12.5	100
Per cent change over previous year		10	-14	48.4	12.5		

6.3 Fertilizer offtake/use by product

During Kharif 2021, a total of about 5,157 thousand product tonnes were consumed as compared to 5,295 thousand tonnes during Kharif 2020 reflecting a decrease of 2.6 per cent. Urea, DAP and Nitrophos constituted 88.1 per cent of total products consumed. The domestic nutrient offtake increased by 0.9 per cent, while imported fertilizers nutrient offtake decreased by 29.8 per cent over Kharif 2020.

Among the various products, Urea captured 63.2 per cent share in total fertilizer offtake, followed by DAP with 17.2 per cent. The shares of CAN, NP and SSP were 8.3, 7.7 and 1.0 per cent, respectively. The cumulative share of remaining products was 2.7 per cent (Figure 6). Urea offtake increased by 2.2 per cent and DAP offtake decreased by 23.5 per cent as compared to Kharif 2020. The share of domestic products in total fertilizer offtake was 88.7 per cent (84.4 per cent during Kharif 2020), while that of imported fertilizer accounted for 11.3 per cent (15.6 per cent during Kharif 2020). The consolidated product-wise fertilizer offtake during Kharif 2020 and Kharif 2021 is presented in Table 16 and detailed month and product-wise offtake is presented in Annex-10 and consolidated in Annex-16.

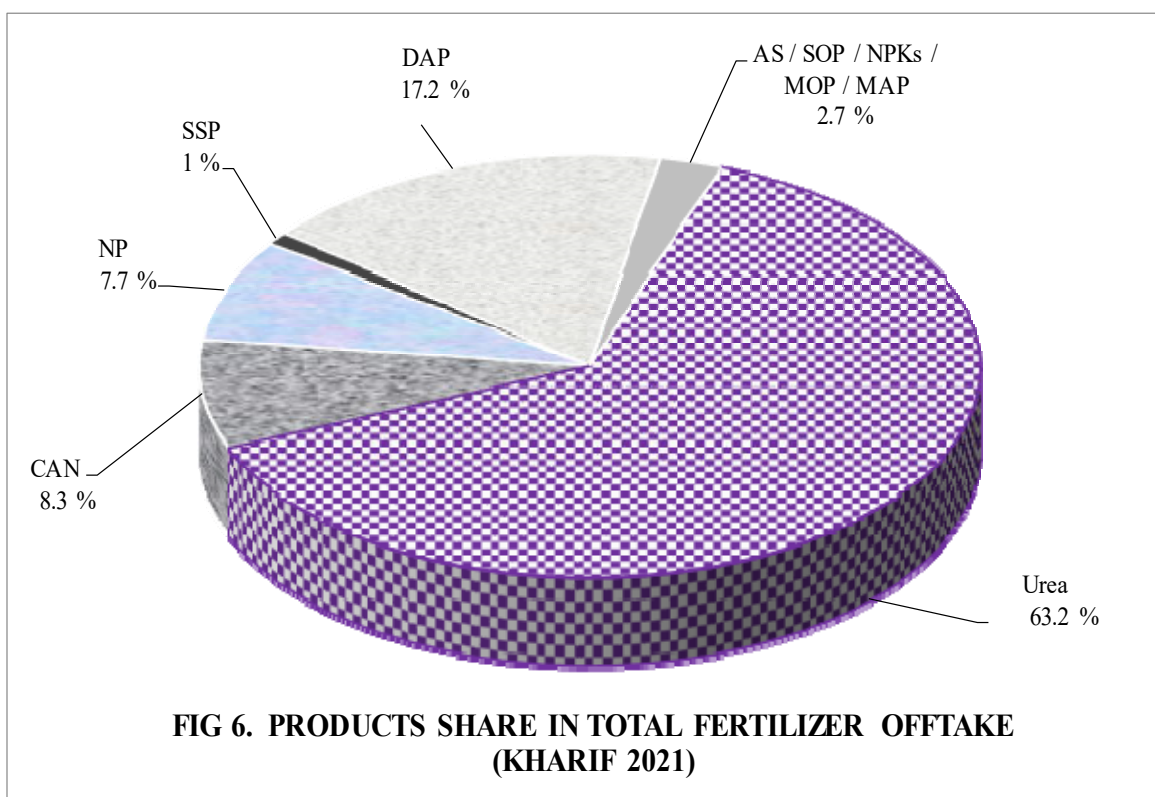


Table 16. Product-wise fertilizer offtake during Kharif 2020 and 2021

Products	('000 tonnes)				
	2020 Offtake	Per cent Share	2021 Offtake	Per cent Share	Per cent change in Kharif 2021 over 2020
Urea Imported	-	-	-	-	-
Urea domestic	3188	60.2	3258	63.2	2.2
Total Urea	3,188	60.2	3,258	63.2	2.2
CAN domestic	354	6.7	426	8.3	20
NP domestic	383	7.2	396	7.7	3.2
NP Imported	0.2	-	-	-	-100.0
SSP Imported	-	-	-	-	-
SSP domestic	39	0.7	50	1.0	28
DAP domestic	452	8.5	398	7.7	-12
DAP Imported	710	13.4	491	9.5	-31
Total DAP	1,162	21.9	889	17.2	-23.5
TSP Imported	-	-	-	-	-
SOP Domestic	6	0.12	4	0.07	-39.4
SOP Imported	22	0.4	26	0.5	21
NPK's domestic	45	0.8	41	0.8	-10
MOP Imported	18	0.3	25	0.5	41
MAP Imported	30	0.57	8	0.16	-73
AS Imported	47	0.9	34	0.7	-28
Grand Total	5,295	100.0	5157	100.0	-2.6
Total domestic	4,468	84.4	4573	88.7	2.4
Total Imported	827	15.6	584	11.3	-29.4
A. DOMESTIC PRODUCTS					
Nitrogen	1731	67.8	1774	73.3	2.5
Phosphate	307	12.0	284	11.7	-7.7
Potash	11.4	0.4	8.8	0.4	-22.5
Total	2,049	80.2	2067	85.4	0.9
B. IMPORTED PRODUCTS					
Nitrogen	141	5.5	96	4.0	-31.8
Phosphate	342	13.4	230	9.5	-32.8
Potash	22	0.8	28	1.2	30.9
Total	505	19.8	355	14.6	-29.8
C. TOTAL PRODUCTS					
Nitrogen	1872	73.3	1871	77.3	-0.1
Phosphate	650	25.4	514	21.2	-20.9
Potash	32.9	1.3	37.1	1.5	12.5
Total	2,555	100.0	2422	100.0	-5.2

6.4 Province-wise urea and DAP offtake / consumption during Kharif 2021

Urea offtake during Kharif 2021 exhibited an increase of 2.2 per cent over Kharif 2020 at national level. Increase of 1.0, 4.7 and 19.3 per cent over Kharif 2020 were observed in Punjab, Sindh and Balochistan, respectively. Its offtake decreased in KP by 9.7 per cent (Table 17).

At national level, DAP offtake witnessed a decrease of 23.5 per cent. Decrease of 14.8 per cent in Punjab, 41.0 per cent in Sindh, 38.1 per cent in KP and 53.2 per cent in Balochistan was observed during Kharif 2021 over Kharif 2020.

The share of Punjab in urea offtake on five-year basis was 66.8 per cent, Sindh 25.1, KP 4.4 and Balochistan 3.8 per cent. As regards DAP offtake on provincial basis, Punjab's share was 71.7 per cent, Sindh 20.8, KP 3.6 and Balochistan 3.9 per cent.

Province-wise summary in respect of urea and DAP offtake during Kharif 2021 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 2021 compared with previous seasons

Province	Kharif 2017	Kharif 2018	Kharif 2019	Kharif 2020	Kharif 2021	Per cent change in Kharif 2021 over Kharif 2020	(000 tonnes)
							Provincial share (Average 5 years) Per cent
UREA							
Punjab	2173	1871	2059	2143	2165	1.0	66.8
Sindh	847	811	735	740	775	4.7	25.1
KP	131	119	132	156	141	-9.7	4.4
Balochistan	83	86	98	149	177	19.3	3.8
AJK/FATA	0	0.1	0.2	-	-	-	0
Total	3,234	2,887	3,024	3,188	3,258	2.2	100
Per cent change over previous year		-10.7	4.7	5.4	2.2		
DAP							
Punjab	707	657	692	795	677	-14.8	71.7
Sindh	204	187	206	269	158	-41.0	20.8
KP	33	32	35	46	29	-38.1	3.6
Balochistan	48	25	42	52	24	-53.2	3.9
Total	993	901	974	1,162	889	-23.5	100.0
Per cent change over previous year		-9.2	8.1	19.3	-23.5		

7. SUPPLY / DEMAND SITUATION DURING KHARIF 2021

7.1 Nutrient-wise supply / demand situation during Kharif 2021

The opening stock for Kharif 2021 was about 320 thousand nutrient tonnes. Total supply, based on opening stock, domestic production and imports was 2,900 thousand nutrient tonnes, which was 174 thousand tonnes less than that of Kharif 2020 (Table 18).

Table 18. Nutrient Wise Supply/Demand situation during Kharif 2021

Description	('000 tonnes)						
	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos (NP)
Opening Balance	224 (392)	91 (259)	5 (16)	320 (668)	298 (591)	58 (500)	263 (92)
Domestic production	1,725 (1,706)	320 (302)	9 (9)	2,055 (2,017)	3,107 (3,104)	444 (409)	469 (461)
Imports	143 (113)	342 (256)	40 (20)	525 (389)	- (-)	734 (546)	- (-)
Total Availability	2,092 (2,211)	753 (817)	54 (46)	2,900 (3,074)	3,405 (3,695)	1,235 (1,455)	732 (553)
Offtake	1,871 (1,872)	514 (650)	37 (33)	2,422 (2,555)	3,258 (3,188)	889 (1,162)	396 (384)
Export	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
Adjustment (+)(-)	-16 (-2)	-6 (11)	0 (-0.4)	-22 (8)	-30 (-34)	6 (4)	-2 (3)
National Inventory	205 (337)	233 (179)	17 (13)	456 (528)	116 (473)	353 (297)	334 (172)

Note: Figures in parenthesis are for Kharif 2020. Quantities less than one thousand are not given in this Table. Small variations may be due to rounding of figures.

Total offtake during the season under review was 2,422 thousand nutrient tonnes which witnessed a decrease by 2.6 per cent compared with 2020. Nitrogen offtake as proportion of supply was well below 80 per cent mark from April to September 2021, which is a reflection of satisfactory situation (Table 19, Figure 7). Phosphate offtake also did not exceed 50 per cent, which is indicative of comfortable situation. The closing stock was about 456 thousand tonnes. The data are summarized in Table 18 and the month-wise nutrient supply/demand situation during Kharif 2021 may be seen in Annex-8. Month and nutrient-wise availability, its offtake, and offtake as proportion of availability are given in Table 19.

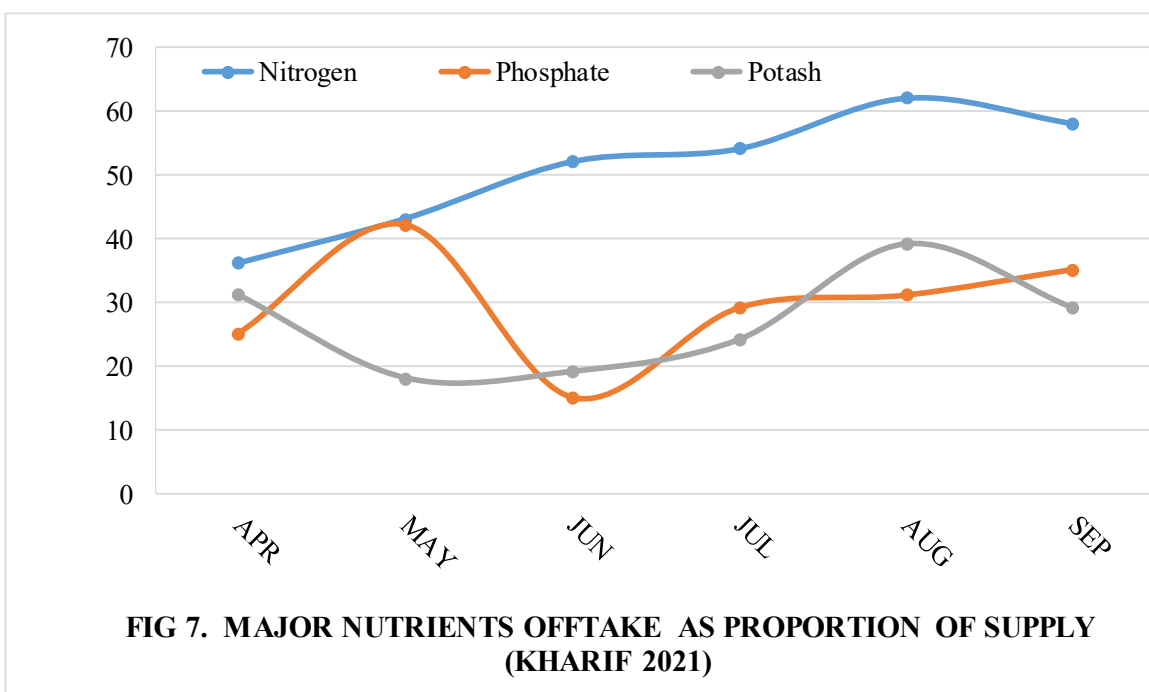


Table 19. Total supply and offtake of fertilizer nutrients during Kharif 2021

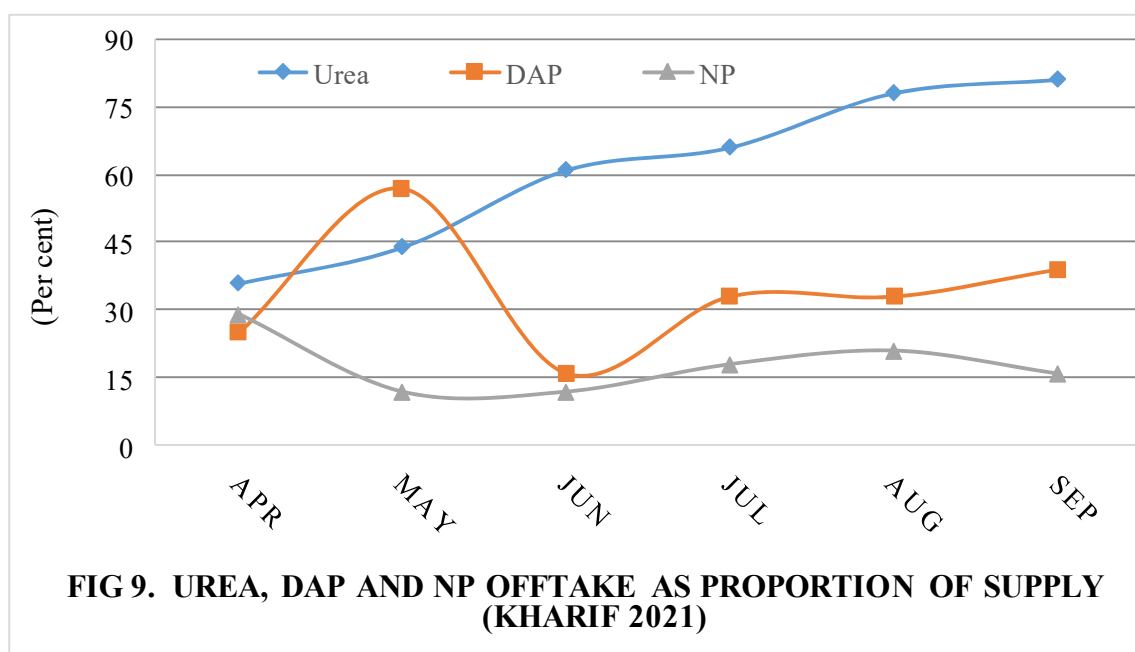
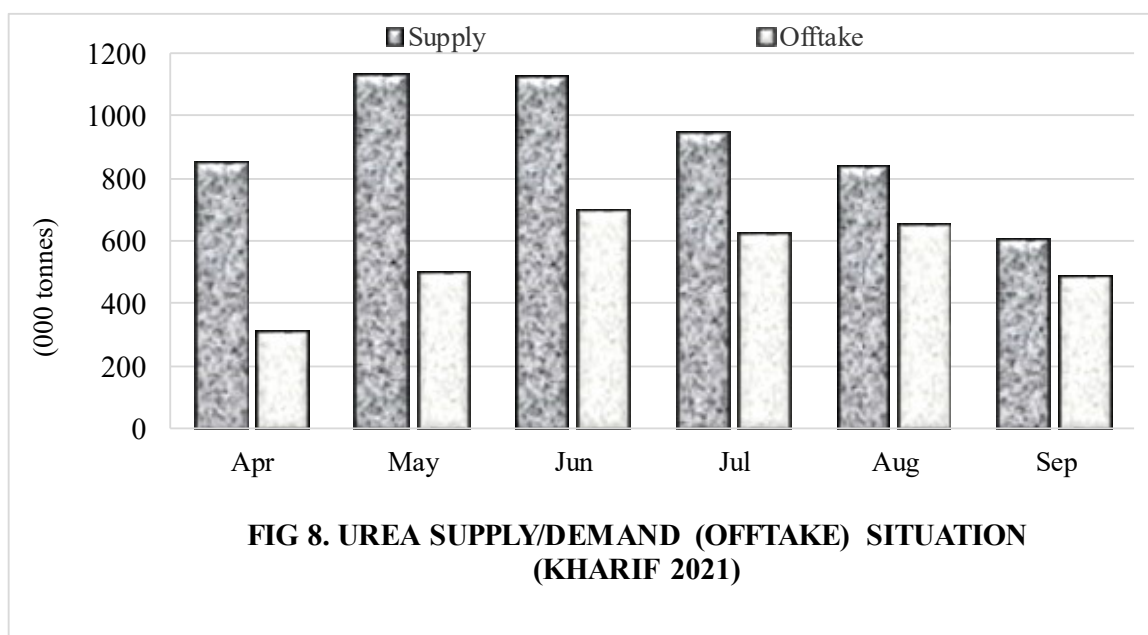
Months	Total availability ('000 tonnes)			Offtake ('000 tonnes)			Offtake as proportion of availability (per cent)		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
Apr-21	542	167	15	193	42	5	36	25	31
May-21	687	214	19	293	90	3	43	42	18
Jun-21	709	276	22	365	42	4	52	15	19
Jul-21	657	363	29	357	106	7	54	29	24
Aug-21	604	356	27	374	110	11	62	31	39
Sep-21	495	356	25	289	123	7	58	35	29

7.2 Urea supply / demand situation during Kharif 2021

Kharif 2021 opened with a balance of about 298 thousand tonnes of urea. Domestic production was 3,107 thousand tonnes, thereby making total availability of 3,405 thousand tonnes. Total urea offtake was about 3,258 thousand tonnes, representing an increase of 2.2 per cent over Kharif 2020 (Table 17). Urea offtake as proportion of supply during Kharif 2021 did not exceed 80 per cent mark except slightly during September 2021 which reflect comfortable situation (Table 20). Closing balance of Kharif 2021 for urea was 116 thousand tonnes. The offtake of urea vs. supply may be seen in **Figure 8 and 9**.

Table 20. Total supply and offtake of principal products during Kharif 2021

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-21	850	181	342	309	46	97	36	25	29
May-21	1,129	304	318	501	173	38	44	57	12
Jun-21	1,124	421	355	690	68	42	61	16	12
Jul-21	943	594	393	622	193	70	66	33	18
Aug-21	837	565	403	649	187	86	78	33	21
Sep-21	604	574	396	487	221	62	81	39	16

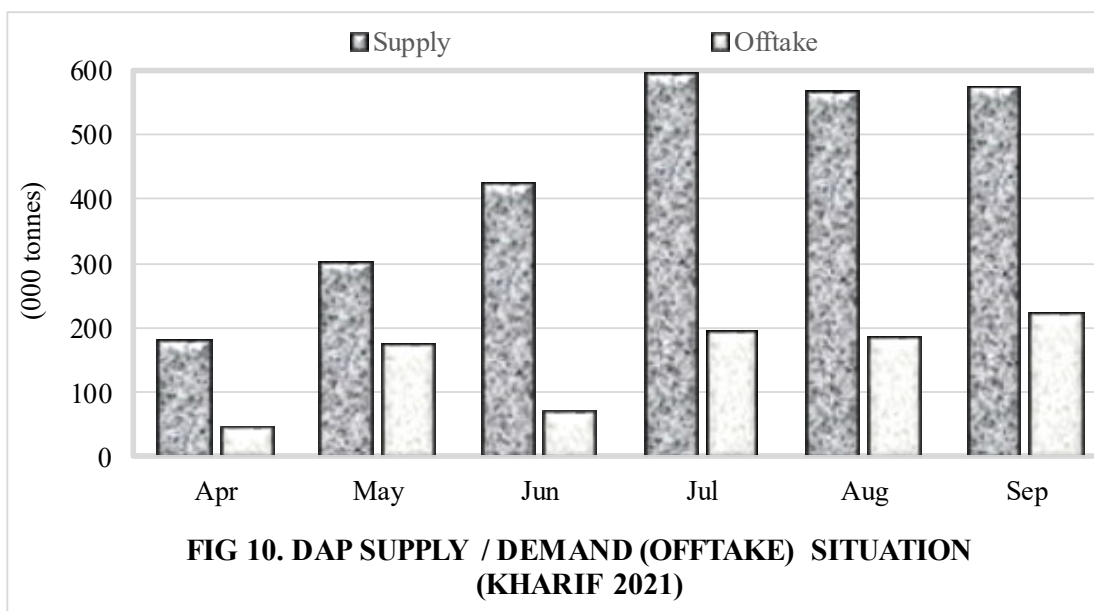


Urea offtake during Kharif 2021 compared with the last seasons is shown in Annex-6. The summarized data are given in Table 18. Month-wise total supply of urea, its offtake and offtake as proportion of availability are shown in Table 20 and the month-wise supply/demand situation in respect of urea and other products is presented in Annex-10. Consolidated supply/demand situation is shown in Annex-18.

7.3 DAP supply / demand situation during Kharif 2021

Total availability of DAP was 1,235 thousand tonnes which comprised opening inventory of 58 thousand tonnes, domestic production of 444 thousand tonnes and imports of 734 thousand tonnes. Offtake of DAP remained 889 thousand tonnes during Kharif 2021. DAP offtake in proportion to supply remained below 70 per cent mark. The closing stock worked out was 353 thousand tonnes at the end of Kharif 2021 (Table 18 and 20).

DAP offtake during Kharif 2021 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 2021

With the opening stock of 263 thousand tonnes and domestic production of 469 thousand tonnes, total availability during Kharif 2021 was 732 thousand tonnes. Total offtake remained 396 thousand tonnes. The closing stock was 334 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 SEASON 2021-22

8.1 Domestic production

During Rabi 2021-22 (October–March), the domestic industry produced about 4,691 thousand product tonnes or 2,145 thousand nutrient tonnes (4,344 thousand product tonnes or 1,964 thousand nutrient tonnes in Rabi 2020-21) showing an increase of 8.0 per cent in product terms and 9.2 per cent in nutrient terms compared with Rabi 2020-21. Nitrogen production was 1,812 thousand tonnes (1,667 thousand nutrient tonnes during Rabi 2020-21) showing an increase of 8.7 per cent and phosphate production increased by 12.1 per cent. Nitrogen occupied 84.5 per cent share in total domestic production, while phosphate accounted for 15.0 per cent share.

Of the seven fertilizer products produced in the country, the share of urea in the total production during Rabi 2021-22 was 70.5 per cent (69.5 per cent in Rabi 2020-21) followed by DAP 9.5 per cent (8.0 per cent during Rabi 2020-21), CAN 9 per cent (9 per cent during Rabi 2020-21), NP 9.1 per cent (10.8 per cent in Rabi 2020-21), SSP 1.0 per cent (1.4 per cent during Rabi 2020-21) and NPK's of various grades 0.9 per cent (0.9 per cent during Rabi 2020-21). Urea production was 3,309 thousand product tonnes during Rabi 2021-22, showing an increase of 9.7 per cent over previous season 2020-21. The production of SSP decreased by 22.0 per cent while, that of DAP increased by 28.8 per cent. The production of NP decreased by 9.0 per cent. Tonnage-wise, the domestic industry produced the following quantities during Rabi 2021-22: Urea 3,309, DAP 448, NP 427, CAN 408, SSP 49, various grades of NPK's 43 and SOP 8 thousand tonnes.

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

8.2 Fertilizer imports during Rabi 2021-22

Fertilizer imports during Rabi 2021-22 were about 557 thousand tonnes which represented decrease of 5 per cent compared with Rabi 2020-21. In nutrient terms, 332 thousand tonnes were imported which was 8 per cent less than that of previous Rabi season.

Nitrogen and phosphate imports occupied 36.2 and 57.0 per cent share in the total imports, respectively. Volume of imported fertilizer during Rabi 2021-22 comprised of Urea 100, DAP 394, MOP 27, SOP 12, AS 8 and MAP 16 thousand tonnes. The summarized product-wise and nutrient-wise data are given in Table 22. Month-wise details are presented in Annex-20.

Table 21. Domestic fertilizer production during Rabi 2020-21 and 2021-22

Products	Manufacturer	Rabi 2020-21 Production (’000 t)	Per cent share	Rabi 2021-22 Production (’000 t)	Per cent share	Per cent change in Rabi 2021-22 over Rabi 2020-21
PRODUCTS						
UREA	Fatimafert (DHCL)	109	2.5	251	5.3	130.4
UREA	EFERT	1094	25.2	1113	23.7	1.7
UREA(PFL)	PAK ARAB	33	0.8	46	1.0	-
UREA(PAFL)	Agritech	83	1.9	195	4.1	134.8
UREA (Prilled)	FFC	832	19.2	828	17.6	-0.6
UREA (Granular)	FFBL	233	5.4	238	5.1	2.1
UREA (PSFL)	FFC	382	8.8	448	9.5	17.1
UREA	Fatima	251	5.8	193	4.1	-23.2
UREA	TOTAL	3,017	69.5	3309	70.5	9.7
SSP (J. WAL 18%)	LCFL	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	36	0.8	33	0.7	-8.0
SSP	Suraj Fertilizers	25	0.6	14	0.3	-46
SSP	Safi Chemicals	0.3	0.01	1.4	0.03	300
SSP	TOTAL	62	1.4	49	1.0	-22.0
NP	PAK ARAB	169	3.89	179	3.8	6
NP	EFERT	37	0.8	37	0.8	1.5
NP	Fatima	264	6.1	211	4.5	-20.1
NP	TOTAL	469	10.8	427	9.1	-9.0
CAN	PAK ARAB	150	3.46	186	4.0	24
CAN	Fatima	253	5.8	222	4.7	0.0
CAN	TOTAL	403	9	408	9	1.3
SONA-DAP	FFC	348	8.0	448	9.5	28.8
SOP	Pacific Exim Pvt Ltd.	5	0.12	8	0.2	52
NPK (Various Grades)	EFERT	39	0.9	43	0.9	8.9
NPK (Various Grades)	Safi Chemicals	-	-	-	-	-
ALL PRODUCTS	TOTAL	4,344	100	4,691	100.0	8.0
NUTRIENTS						
	Nitrogen Total	1667	84.9	1812	84.5	8.7
	Phosphate Total	287	14.6	321	15.0	12.1
	Potash Total	10	0.5	12	0.6	19.1
	Nutrients Total	1964	100	2145	100	9.2

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

Table 22. Fertilizer imports during Rabi 2020-21 and 2021-22

Products	Rabi 2020-21		Rabi 2021-22		Per cent change in Rabi 2021-22 Over Rabi 2020-21
	Imports ('000t)	Per cent share	Imports ('000t)	Per cent share	
PRODUCTS					
Urea	-	-	100	18	17.99
DAP	526	89.7	394	71	-25
SSP	-	-	-	-	-
SOP	11	1.9	12	2.1	4
MOP	13	2.2	27	4.91	108
NP	-	-	-	-	-
AS	26	4.4	8	1.4	-70
MAP	10	1.7	16	2.8	57
All Products	587	100	557	100	-5
NUTRIENTS					
Nitrogen	101	28.0	120	36.2	19
Phosphate	247	68.3	189	57.0	-23
Potash	14	3.8	22	6.7	64
Total	362	100	332	100	-8

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

9. FERTILIZER OFFTAKE / CONSUMPTION DURING RABI 2021-22

9.1 Fertilizer offtake / use by nutrients

Rabi 2021-22 showed a decrease of 1.9 per cent in terms of nutrient offtake over last Rabi 2020-21 (Table 23). Total offtake was 2,510 thousand nutrient tonnes. Nitrogen offtake showed an increase by 1.2 per cent (14.4 per cent increase during Rabi 2020-21), phosphate decreased by 11.7 per cent (7.3 per cent increase during Rabi 2020-21) and potash offtake increased by 8.2 per cent (40.6 per cent increase in Rabi 2020-21). Nitrogen claimed 76.5 per cent share in total nutrient offtake (74.2 per cent during Rabi 2020-21). Phosphate offtake captured 22.0 per cent share (24.4 per cent during Rabi 2020-21), while potash share remained 1.5 per cent during Rabi 2021-22.

The summarized data are presented in Table 23, 25 and Annex-21 and the monthly nutrient offtake during Rabi 2021-22 compared with the last four seasons are given in Annex-3.

Table 23. Fertilizer nutrient offtake during Rabi 2021-22 compared with previous seasons

('000 tonnes)						
Nutrient	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Nitrogen	1,807	1,781	1,727	1,658	1,898	1,920
Phosphate	847	735	604	583	625	552
Potash	24.0	29.0	25.8	24.8	34.9	37.7
Total	2,678	2,545	2,357	2,266	2,558	2,510
N:P Ratio	2.1:1	2.4:1	2.9:1	2.6:1	3:1	3.5:1
(% Change)						
Nitrogen		-1.4	-3.1	-4.0	14.4	1.2
Phosphate		-13.2	-17.7	-3.6	7.3	-11.7
Potash		20.8	-10.7	-4.1	40.6	8.2
Total		-5.0	-7.4	-3.9	12.9	-1.9

9.2 Province-wise nutrient offtake during Rabi 2021-22

At national level nutrient offtake during Rabi 2021-22 decreased by 1.9 per cent. Decrease of 1.5, 14.5 and 26.0 per cent over Rabi 2020-21 was witnessed in Punjab, KP and Balochistan, respectively. Offtake in Sindh increased by 2.7 per cent.

Nutrient-wise, nitrogen offtake during Rabi 2021-22 witnessed an increase of 1.2 per cent at national level. The increase in nitrogen offtake was 2.3 and 4.6 per cent in Punjab and Sindh. Offtake of nitrogen in KP and Balochistan decreased by 13.3 and 27.4 per cent.

Phosphate offtake during Rabi 2021-22 decreased by 11.7 per cent at national level. Decrease of 12.3, 7.5, 15.7 and 20.1 per cent were observed in Punjab, Sindh, KP and Balochistan, respectively.

Potash offtake also witnessed an increase of 8.2 per cent over 2020-21 at national level. An increase of 74.7 per cent was observed in Sindh, while its offtake decreased by 3.6, 45.3 and 34.2 per cent in Punjab, KP and Balochistan during Rabi 2021-22 over Rabi 2020-21.

The share of Punjab in overall nutrient offtake on five-year average basis was 70.0 per cent, followed by Sindh 22.8 per cent, KP 4.1 per cent and Balochistan 3.1 per cent. Aggregated data comparing the last five seasons are reflected in Table 24 and the detailed month, province and nutrient-wise data for Rabi 2021-22 compared with the last 5 seasons are presented in Annex-4.

Table 24. Province-wise nutrient offtake during Rabi 2021-22 compared with previous Rabi seasons

('000 tonnes)							
Province	Rabi 2017-18	Rabi 2018-19	Rabi 2019-20	Rabi 2020-21	Rabi 2021-22	Per cent change in Rabi 2021-22 over Rabi 2020-21	Provincial share (Average 5 years) Per cent
Total							
Punjab	1,810	1,645	1,526	1,806	1,779	-1.5	70.0
Sindh	565	548	537	561	576	2.7	22.8
KP	99	94	99	115	98	-14.5	4.1
Balochistan	71	70	103	76	57	-26.0	3.1
AJK/FATA	0.3	0.3	-	-	-	-	0.00
Total	2,545	2,357	2,266	2,558	2,510	-1.9	100
Per cent change over previous year		-7.4	-3.9	12.9	-1.9		
Nitrogen							
Punjab	1,250	1,200	1,108	1,327	1,358	2.3	69.5
Sindh	411	406	401	424	444	4.6	23.2
KP	68	71	74	87	75	-13.3	4.2
Balochistan	52	51	75	59	43	-27.4	3.1
AJK/FATA	0.2	0.2	-	-	-	-	0.0
Total	1,781	1,727	1,658	1,898	1,920	1.2	100
Per cent change over previous year		-3.1	-4.0	14.4	1.2		
Phosphate							
Punjab	538	427	400	454	398	-12.3	71.5
Sindh	150	137	132	130	120	-7.5	21.6
KP	29	21	23	25	21	-15.7	3.9
Balochistan	18	19	27	16	13	-20.1	3.0
AJK/FATA	0.1	0.1	-	-	-	-	0.0
Total	735	604	583	625	552	-11.7	100
Per cent change over previous year		-17.7	-3.6	7.3	-11.7		
Potash							
Punjab	22	18	18	24	23	-3.6	69.0
Sindh	4	5	4	7	12	74.7	21.6
KP	2	2	2	2	1	-45.3	6.3
Balochistan	1.0	0.9	0.9	1.1	0.7	-34.2	3.0
AJK/FATA	-	-	-	-	-	-	-
Total	29.0	25.8	24.8	34.9	37.7	8.2	100
Per cent change over previous year		-10.7	-4.1	40.6	8.2		

9.3 Fertilizer offtake / use by product during Rabi 2020-21 and Rabi 2021-22

A total of 5,306 thousand product tonnes were consumed during Rabi 2021-22, which represented a decrease of 0.5 per cent over last Rabi season. The offtake of domestic products increased by 1.8 per cent, while that of imported fertilizers decreased by 15.6 per cent as compared to Rabi 2020-21.

Among various products, urea accounted for 62.6 per cent share in total fertilizer offtake, followed by DAP with 17.5 per cent (**Figure 11**). The shares of CAN, SSP and NP were 8.5, 1.1, and 8.0 per cent, respectively. The cumulative share of remaining products was 2.4 per cent. The share of domestic products in total fertilizer offtake was 88.4 per cent (86.4 per cent during Rabi 2020-21), while that of imported fertilizer 11.6 per cent (13.6 per cent during Rabi 2020-21).

The consolidated product-wise fertilizer offtake during Rabi 2020-21 and Rabi 2021-22 is presented in Table 25. Detailed month-wise and product-wise offtake is given in Annex-10, 21 and consolidated in Annex-23.

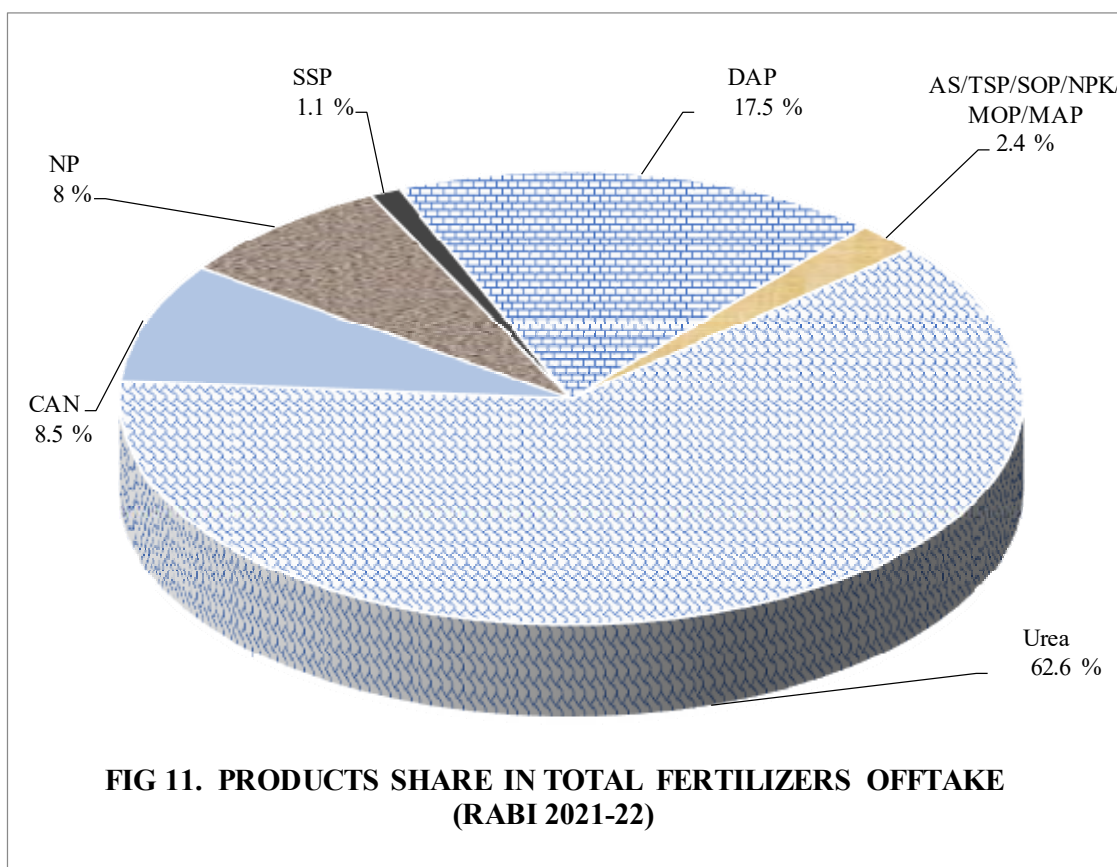


Table 25. Product-wise fertilizer offtake during Rabi 2020-21 and 2021-22

('000 tonnes)

Products	Rabi 2020-21	Per cent Share	Rabi 2021-22	Per cent Share	Per cent change in Rabi 2021-22 over 2020-21
Urea domestic	3225	60.4	3320	62.6	3.0
Urea imported	0	-	0	0.0	0.0
Total Urea	3,225	60.4	3320	62.6	3.0
CAN domestic	403	7.5	450	8.5	11.9
NP domestic	393	7.4	422	8.0	7.4
NP Imported	0.1	0.0	-	-	0.0
Total NP	393	7.4	422	8.0	7.4
SSP domestic	47	0.9	60	1.1	28.2
SSP Imported	0.0	-	0.0	0.0	-
Total SSP	47	0.9	60	1.1	28.2
DAP domestic	483	9.1	390	7.3	-19.3
DAP Imported	625	11.7	537	10.1	-14.2
Total DAP	1,108	20.8	927	17.5	-16.4
TSP Imported	-	-	-	-	-
SOP domestic	7	-	7	0.13	-
SOP Imported	18	0.3	15	0.3	-16.6
NPK's domestic	51	1.0	44	0.8	-14.1
MOP Imported	22	0.4	31	0.6	44.9
MAP Imported	8	0.15	14	0.26	0.0
AS Imported	53	1.00	17	0.31	-69.0
Grand Total	5,335	99.9	5306	100.0	-0.5
Total domestic	4,609	86.4	4693	88.4	1.8
Total Imported	726	13.6	613	11.6	-15.6

A. DOMESTIC PRODUCTS

Nitrogen	1773	69.3	1818	72.5	2.6
Phosphate	333	13.0	299	11.9	-10.5
Potash	13	0.5	12	0.5	-11.2
Total	2,120	82.9	2128	84.8	0.4

B. IMPORTED PRODUCTS

Nitrogen	125	4.9	101	4.0	-18.6
Phosphate	292	11.4	254	10.1	-13.0
Potash	22	0.9	26	1.0	19.7
Total	438	17.1	381	15.2	-13.0
Grand Total (A+B)	2,558	100.0	2,510	100.0	-1.9

C. TOTAL PRODUCTS

Nitrogen	1,898	74.2	1,920	76.5	1.2
Phosphate	625	24.4	552	22.0	-11.7
Potash	35	1.4	37.73	1.5	8.2
Total	2,558	100.0	2,510	100.0	-1.9

9.4 Province-wise urea and DAP offtake / consumption during Rabi 2021-22

Urea offtake during Rabi 2021-22 increased by 3.0 per cent over Rabi 2020-21 at national level. Increase by 6.2 and 1.7 per cent was registered in Punjab and Sindh provinces, respectively while decrease of 12.8 and 31.1 per cent was observed in KP and Balochistan.

At national level, DAP offtake witnessed a decrease of 16.4 per cent during Rabi 2021-22 as compared to same time frame of Rabi 2020-21. A decrease of 16.6, 13.8, 20.0 and 26.8 per cent was observed in Punjab, Sind, KP and Balochistan, respectively.

On five years data average basis, the share of Punjab in urea offtake was 68.7 per cent, Sindh 23.6, KP 4.5 and Balochistan 3.2 per cent. As regards DAP offtake on provincial basis, Punjab's share was 72.5 per cent, Sindh 21.1, KP 3.5 and Balochistan 2.9 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 2021-22 compared with the last five seasons is presented in Table 26. Detailed province-wise urea and DAP offtake comparison of Rabi 2021-22 with last five seasons is given in Annexure-6 whereas province-wise offtake of all products for Rabi 2020-21 and 2021-22 is given at Annex-7.

Table 26. Province-wise offtake of urea and DAP during Rabi 2021-22 compared with previous seasons

Province	Rabi 2017-18	Rabi 2018-19	Rabi 2019-20	Rabi 2020-21	Rabi 2021-22	Per cent change in Rabi 2021-22 over Rabi 2020-21	(000 tonnes)
							Provincial share (Average 5 years) Per cent
Urea							
Punjab	2024	2091	1897	2214	2350	6.2	68.7
Sindh	704	719	706	743	755	1.7	23.6
KP	121	132	139	164	143	-12.8	4.5
Balochistan	96	91	130	104	72	-31.1	3.2
AJK/FATA	0.2	0.1	-	-	-	-	0.00
Total	2,944	3,033	2,872	3,225	3,320	3.0	100.0
Per cent change over previous year		3.0	-5.3	12.3	3.0		
DAP							
Punjab	1039	829	753	818	682	-16.6	72.5
Sindh	279	261	239	225	194	-13.8	21.1
KP	53	38	36	39	31	-20.0	3.5
Balochistan	33	36	51	27	20	-26.8	2.9
Total	1,404	1,164	1,079	1,108	927	-16.4	100.0
Per cent change over previous year		-17.1	-7.3	2.7	-16.4		

10. SUPPLY / DEMAND SITUATION DURING RABI 2021-22

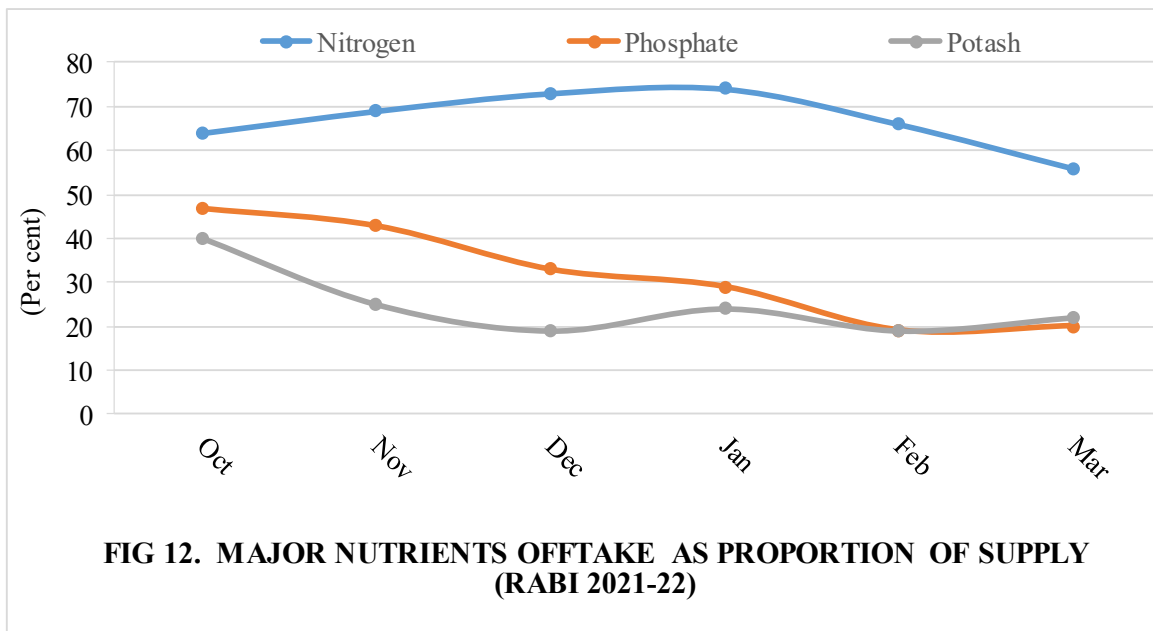
10.1 Nutrient-wise supply / demand situation

Rabi 2021-22 started with an opening inventory of about 456 thousand nutrient tonnes. Domestic production was about 2,145 thousand nutrient tonnes. Imports were 332 thousand nutrient tonnes. Total availability was therefore, 2,933 thousand nutrient tonnes (Table 27). Total nutrient offtake during Rabi 2021-22 was about 2,510 thousand nutrient tonnes. The closing stock was 430 thousand tonnes. **Figure 12** presents major nutrients offtake as proportion of supply during Rabi 2021-22. It may be seen that nitrogen offtake as proportion of supply did not exceed 80 per cent mark during Rabi 2021-22, which is a sign of comfortable situation (Table 28).

Table 27 Fertilizer supply/demand situation during Rabi 2021-22

Description	(000 tonnes)						
	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos
Opening Balance	205	233	17	456	116	353	334
	(337)	(179)	(13)	(528)	(473)	(297)	(172)
Domestic production	1,812	321	12	2,145	3309	448	427
	(1,667)	(287)	(10)	(1,964)	(3017)	(348)	(469)
Imports	120	189	22	332	100	394	-
	(101)	(247)	(14)	(362)	-	(526)	-
Total Availability	2,137	744	52	2,933	3,526	1,195	762
	(2,105)	(712)	(36)	(2,854)	(3,490)	(1,171)	(642)
Offtake	1,920	552	38	2,510	3320	927	422
	(1,898)	(625)	(35)	(2,558)	(3225)	(1108)	(393)
Exports	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Adjustment (+)(-)	0.1	5	2	7	-6	8	1
	(17)	(3)	(4)	(24)	(32)	(-5)	(14)
National Inventory	217	196	16	430	200	276	340
	(224)	(91)	(5)	(320)	(298)	(58)	(263)

Note: Figures in parenthesis are for Rabi 2020-21. Quantities less than one thousand are not given in this Table. Small variations may be due to rounding of figures.



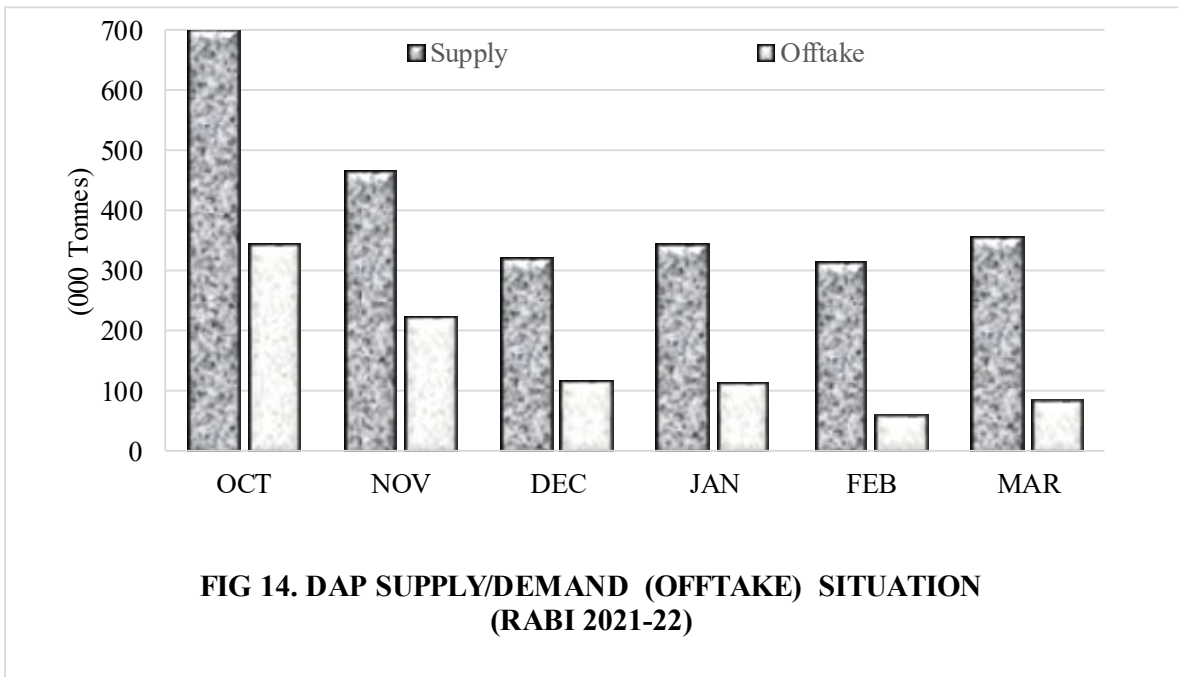
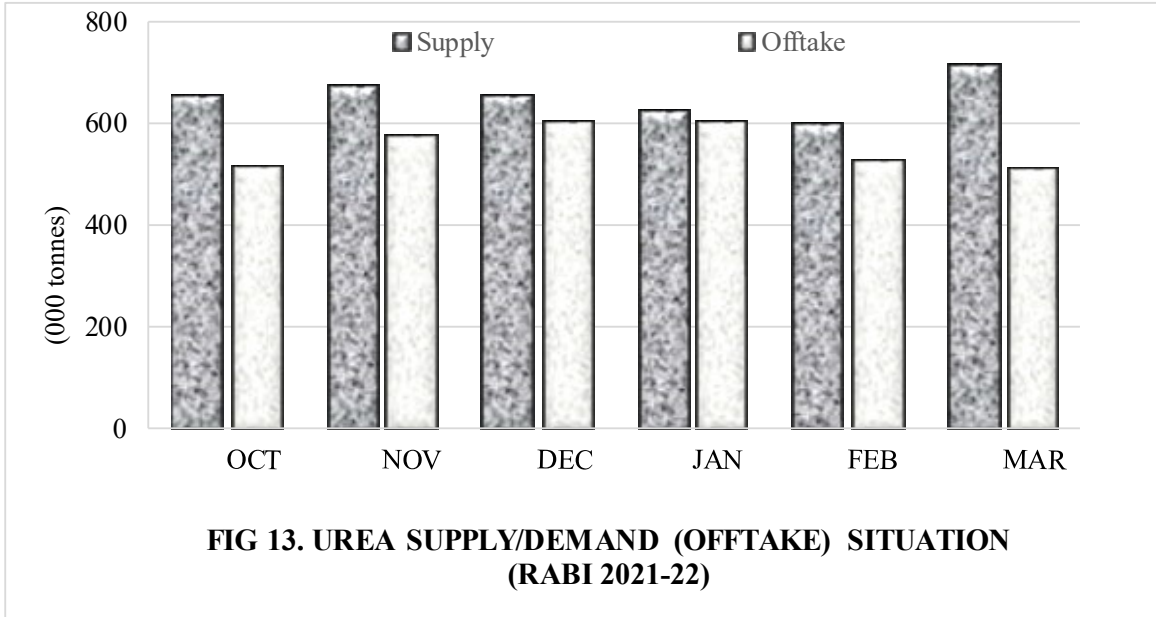
The data are summarized in Table 27. The month-wise nutrient supply/demand situation during Rabi 2021-22 may be seen in Annex-8. Consolidated nutrient-wise supply/demand situation may be seen at Annex-22 and month-wise availability and offtake as proportion of availability is reflected in Table 28.

Table 28. Total supply and offtake of fertilizer nutrients during Rabi 2021-22

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-21	558	422	25	356	197	10	64	47	40
Nov-21	490	293	31	339	127	8	69	43	25
Dec-21	454	216	26	332	70	5	73	33	19
Jan-22	446	230	26	328	66	6	74	29	24
Feb-22	433	222	22	287	43	4	66	19	19
Mar-22	498	245	21	278	50	5	56	20	22

10.2 Urea supply / demand situation during Rabi 2021-22

Rabi 2021-22 started with a balance of about 116 thousand tonnes of urea. Domestic production was about 3,309 thousand tonnes, 100 tonnes of imported supply, thereby making a total availability of 3,526 thousand tonnes (Table 27). Urea offtake during Rabi 2021-22 was 3,320 thousand tonnes, which showed increase of 3.0 per cent compared with Rabi 2020-21. Urea offtake as proportion of supply was above 80 per cent mark from November 2021 to February 2022 which reflect tight supply demand situation during peak Rabi season (**Figure 13**). The closing stock was 200 thousand tonnes, at the end of March 2022 (Table 27 and 29). Supply vs. offtake is shown in **Figure 14**.



Urea offtake during Rabi 2021-22 compared with last seasons is shown in Annex-6. Month-wise and consolidated supply/demand situation during Rabi 2021-22 is presented in Annex-10 and the consolidated Rabi 2021-22 situation in Annex-23.

10.3 DAP supply / demand situation during Rabi 2021-22

Rabi 2021-22 started with an opening inventory of 353 thousand tonnes of DAP. Total availability, based on opening stock, domestic production (448) and imports (394), was 1,195 thousand tonnes (Table 27). Total DAP offtake was about 927 thousand tonnes, which decreased by 16.4 per cent compared with last Rabi season. The closing stock worked out as 276 thousand tonnes by the end of March 2022 (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 2021-22

Rabi 2021-22 started with an opening stock of 334 thousand tonnes. Total availability based on opening stock and domestic production of 427 thousand tonnes was 762 thousand tonnes (642 thousand tonnes during Rabi 2020-21). Total nitrophos offtake during the season was 422 thousand tonnes (393 thousand tonnes during 2020-21) leaving a closing stock of 340 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.

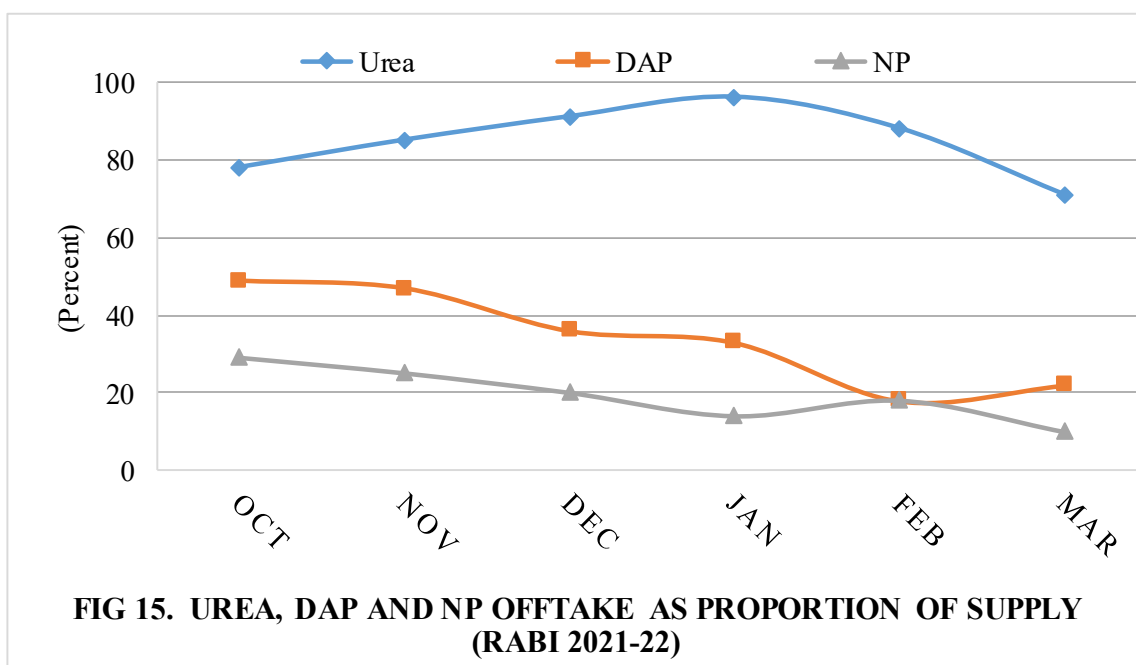


Table 29. Total supply and offtake of principal products during Rabi 2021-22

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-21	655	702	419	514	342	120	78	49	29
Nov-21	672	465	348	574	220	88	85	47	25
Dec-21	655	321	319	599	117	65	91	36	20
Jan-22	621	340	338	598	113	48	96	33	14
Feb-22	597	314	362	527	55	65	88	18	18
Mar-22	715	355	376	509	80	36	71	22	10

11. FERTILIZER PRICES**11.1 Domestic retail prices during Kharif 2021**

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 2021-22.

The average market prices of all fertilizer products increased during Kharif 2021. Prices of urea (Sona) witnessed an increase of 3.4 per cent. Urea (other) increased by 3.8 per cent. Price of DAP and NP increased by 19.6 and 15.2 per cent. Price of CAN increased by 5.1, SOP 14.6 per cent, SSP (G) increased by 7.9 per cent and price of various grade of NPKs increased by 18.0 per cent during Kharif 2021.

Table 30. Average Fertilizer Retail Sale Prices from April 2021 to June 2022

Month	(Rs. per 50 Kg bag)									
	Urea Sona	Urea Other	DAP	NP	CAN	SOP	TSP	SSP(P)	SSP(G)	NPK
Kharif 2021										
Apr-21	1745	1713	5427	3709	1547	4774	-	-	1391	3721
May-21	1739	1708	5487	3763	1553	4837	-	-	1400	3762
Jun-21	1748	1714	5546	3821	1564	4892	-	-	1412	3881
Jul-21	1750	1720	5605	3872	1575	4939	-	-	1442	3963
Aug-21	1775	1744	6023	4025	1615	5077	-	-	1469	4122
Sep-21	1805	1778	6491	4272	1626	5469	-	-	1501	4389
Kharif Avg Price	1760	1730	5763	3910	1580	4998	-	-	1436	3973
% change in Sep,21 over Apr, 21	3.4	3.8	19.6	15.2	5.1	14.6	-	-	7.9	18.0
Rabi 2021-22										
Oct-21	1851	1802	6917	4547	1629	6061	-	-	1582	4617
Nov-21	2058	1974	8015	5408	1691	6834	-	-	1891	5125
Dec-21	1917	1864	8351	5678	1651	7197	-	-	2024	5330
Jan-22	1973	1844	9237	5927	1662	7859	-	-	2097	5765
Feb-22	1973	1827	9347	6032	1663	9061	-	-	2098	6019
Mar-22	1936	1876	9327	6019	1683	9391	-	-	2176	6235
Rabi Avg Price	1951	1865	8532	5602	1663	7734	-	-	1978	5515
% change in Mar,22 over Oct, 21	4.6	4.1	34.8	32.4	3.3	54.9	-	-	37.5	35.0
Apr-22	2096	1998	9396	5977	1748	9694	-	-	2265	6503
May-22	2152	2046	9703	6087	1794	9781	-	-	2409	6592
Jun-22	2148	1992	10316	6603	1899	11366	-	-	2658	7150
Average July,2021 to June,22	1953	1872	8227	5371	1686	7727	-	-	1968	5484
% change in June over July	22.7	15.8	84.0	70.5	20.6	130.1	-	-	84.3	80.4

Source: Pakistan Bureau of Statistics, Islamabad

11.2 Domestic retail prices during Rabi 2021-22

Prices of all fertilizer products increased during Rabi 2021-22. Average prices of sona urea and other brands increased by 4.6 and 4.1 per cent, respectively. Increase in price of DAP, NP, CAN, SOP, SSP (G) and NPK was recorded by 34.8, 32.4, 3.3, 54.9, 37.5 and 35.0 per cent, respectively. This increase is mainly due to upward trend of fertilizer prices in international market.

11.3 Domestic prices during FY 2021-22

Prices of all the fertilizers increased significantly during fiscal year 2021-22. The average price of urea (sona) increased by 22.7 per cent, while that of urea (other) increased by 15.8 per cent. The prices of DAP, NP, SOP, SSP, NPK and CAN increased by 84.0, 70.5, 130.1, 84.3, 80.4 and 20.65 per cent, respectively.

11.4 International prices

The average fertilizer prices of urea, DAP and TSP prevalent in international markets during Kharif 2021, Rabi 2021-22 and FY 2021-22 are given in Table 31.

Kharif Season 2021

Urea prices in international market during Kharif 2021 increased by 40.4 per cent in Middle East and 35.4 per cent in China. DAP prices in international market increased by 15.3 per cent in Australia while by 17.7 per cent in China market.

Rabi Season 2021-22

During Rabi 2021-22, average monthly urea prices in China market ranged between US \$ 587.5 to 959.6 fob/t while in Middle East, it ranged between US \$ 579.5 to 935.6 fob/t. Urea prices in Middle East increased by 13.2 per cent while in China market, it increased by 7.8 per cent. Price of DAP in Australia increased by 47.8 per cent while by 39.8 per cent in China. An increase of 43.6 per cent during Rabi 2021-22 was observed in price of TSP in Tunisia.

Fiscal year 2021-22

During FY 2021-22, urea fob prices fluctuated between US \$ 451.9 to 935.6/t in Middle East and US\$ 439.0 to 959.6/t in China market. DAP prices witnessed an increase of 53.8 per cent in Australia and prices of DAP increased from US \$ 569.3 in July 2021 to US \$ 1,067.5/t fob in April 2022. DAP price in China market increased by 70.6 per cent.

Table 31. Average International Fertilizer Prices during FY 2021-22

Seasons/Month/Year	(FOB Prices US \$/tonne)				
	Urea Middle East	Urea China	DAP Australia	DAP China	TSP Tunisia
Kharif 2021					
Apr-21	349.4	336.3	546.4	538.5	495.0
May-21	349.4	356.3	538.9	538.9	501.9
Jun-21	422.5	423.1	616.8	559.5	511.3
Jul-21	462.5	468.1	621.0	569.3	624.4
Aug-21	451.9	439.0	604.5	622.4	632.5
Sep-21	490.6	455.3	629.8	633.8	596.3
Kharif Avg Price	421.0	413.0	592.9	577.0	560.2
% change in Sep,21 over Apr, 21	40.4	35.4	15.3	17.7	20.5
Rabi 2021-22					
Oct-21	723.5	627.5	648.0	636.5	632.5
Nov-21	894.4	904.4	648.0	751.5	670.0
Dec-21	935.6	959.6	648.0	905.0	690.0
Jan-22	733.0	754.4	817.1	877.0	726.3
Feb-22	579.5	587.5	873.5	890.1	706.3
Mar-22	818.8	676.3	957.6	889.9	908.1
Rabi Avg Price	780.8	751.6	765.4	825.0	722.2
% change in Mar,22 over Oct, 21	13.2	7.8	47.8	39.8	43.6
Fiscal year 2021-22					
Apr-22	854.4	748.8	1038.8	1067.5	1029.4
May-22	685.1	664.4	1060.6	1012.5	963.8
Jun-22	587.8	573.0	955.0	971.0	511.3
Average July,2021 to June 2022	684.8	654.8	791.8	818.9	724.2
% change in June,22 over July,21	27.1	22.4	53.8	70.6	-18.1

Source: The Argus

12. MARKET SHARES OF FERTILIZER DISTRIBUTING AGENCIES

12.1 Marketing agencies in Pakistan

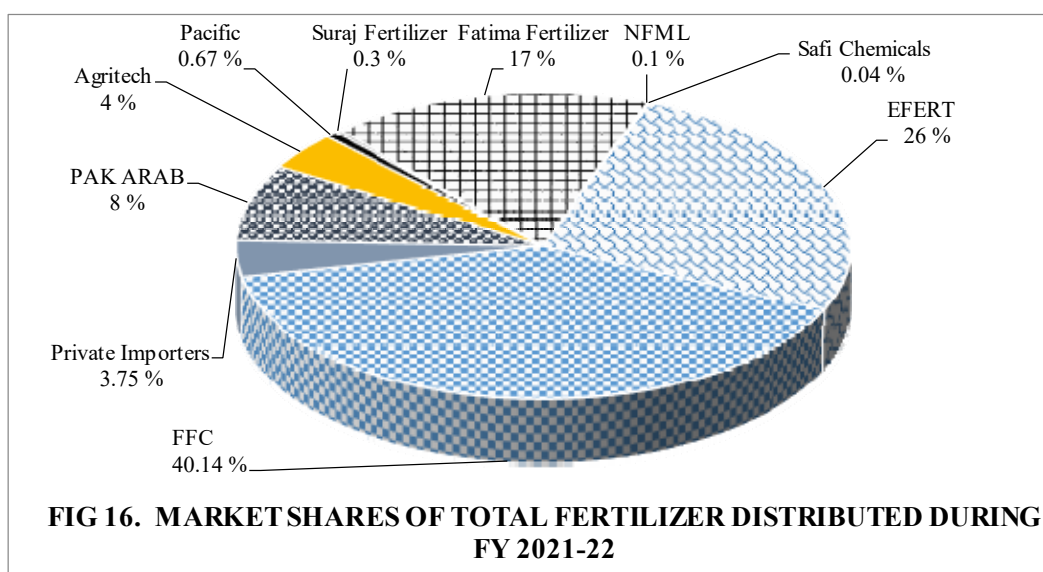
There are eight major private sector producers/distributors having marketing companies operating in the country. Fauji Fertilizer Company (FFC) is the largest urea manufacturing and marketing company. It has a network of about 3,573 dealers spread all over the country. Engro Fertilizer Limited (EFERT) is the oldest marketing company and operates in all the provinces. Fatima Fertilizer has developed a good marketing network throughout Pakistan. Similarly, Agritech Limited (Azgard-9) purchased the urea plant at Mianwali 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.

Pacific Exim has entered manufacturing of fertilizer by installation of SOP plant at Karachi. Among the importers/marketing agencies in private sector, Jaffer Brothers Limited (JBL) is the oldest in the field. United Agro Chemicals (Pvt.) Limited, United Agro Fertilizers, Chawla International, CINTL trading house, Sun Crop, Neelum Seeds, Premium Petroleum and Agven are in the imports business only and sell imported products throughout the country.

12.2 Market shares during FY 2021-22

During 2021-22, a total quantity of about 10,561 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 99.9 per cent in total fertilizer distribution (100 per cent during 2020-21), while 0.1 per cent was NFML.

FFC, EFERT, Pak-Arab, Agritech, Fatima Fertilizer, Suraj Fertilizers, Safi Chemicals and Pacific Exim market shares were 40, 26, 8, 4, 17, 0.3, 0.04 and 0.67 per cent, respectively. The share of other private importers was 3.75 per cent (**Figure 16**).



Private sector handled about 99.8 per cent of urea (100 per cent during 2020-21). FFC, EFERT, Pak Arab, Fatima Fertilizer Limited and Agritech shares in urea marketing were 47, 33, 1.0, 13 and 5 per cent, respectively. NFML handled only 0.2 per cent of the total urea.

The shares of FFC, EFERT, Pak-Arab, Fatima Fertilizer and Pacific Exim in DAP offtake were 57, 17, 4, 2 and 3.0 per cent, respectively. CAN was moved by Pak Arab (44 per cent) and Fatima Fertilizer Company (56 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 Shares of Various Fertilizer Distribution Agencies during 2021-22

SECTOR/AGENCIES	(Per cent)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	0.2	-	-	-	-	-	-	-	-	-	-	0.1
Total Public Sector	0.2	-	-	-	-	-	-	-	-	-	-	0.1
FFC	47	-	-	-	57	-	-	19	11	-	-	40
EFERT	33	-	7	-	17	100	-	29	29	98	25	26
FatimaFert (DHCL)	-	-	-	-	-	-	-	-	-	-	-	-
PAK ARAB	1	44	34	-	4	-	-	-	-	-	-	8
Agri Tech (Pvt.) Limited	5	-	-	72	-	-	-	-	-	-	-	4
Fatima Fertilizer Company Limited	13	56	59	-	2	-	-	-	-	-	-	17
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	25	-	-	-	-	-	-	-	0.3
Safi Chemicals	-	-	-	3	-	-	-	-	-	-	-	0.04
Pacific Exim	-	-	-	-	3	-	-	25	2	-	4	0.67
Other Private Importers	-	-	-	-	18	-	-	26	58	2	70	3.75
Total Private Sector	99.8	100	100	100	100	100	-	100	100	100	100	99.9
Grand Total	100	100	100	100	100	100	-	100	100	100	100	100

12.3 Market shares during Kharif 2021

During Kharif 2021, a total quantity of about 5,157 thousand tonnes of various products (domestically produced as well as imported) were handled by the fertilizer marketing agencies. Out of this, private sector agencies marketed 100 per cent of total fertilizer volume in product terms. Of this, percentage-wise FFC handled 39.9, EFERT 26.8, Pak Arab 6.2, Agritech Limited 3.0, Fatima Fertilizer Limited 18.6, Pacific Exim 1.1, Suraj Fertilizers 0.25, Safi Chemicals 0.04 and private importers 4.2 per cent (Table 33 and **Figure 17**).

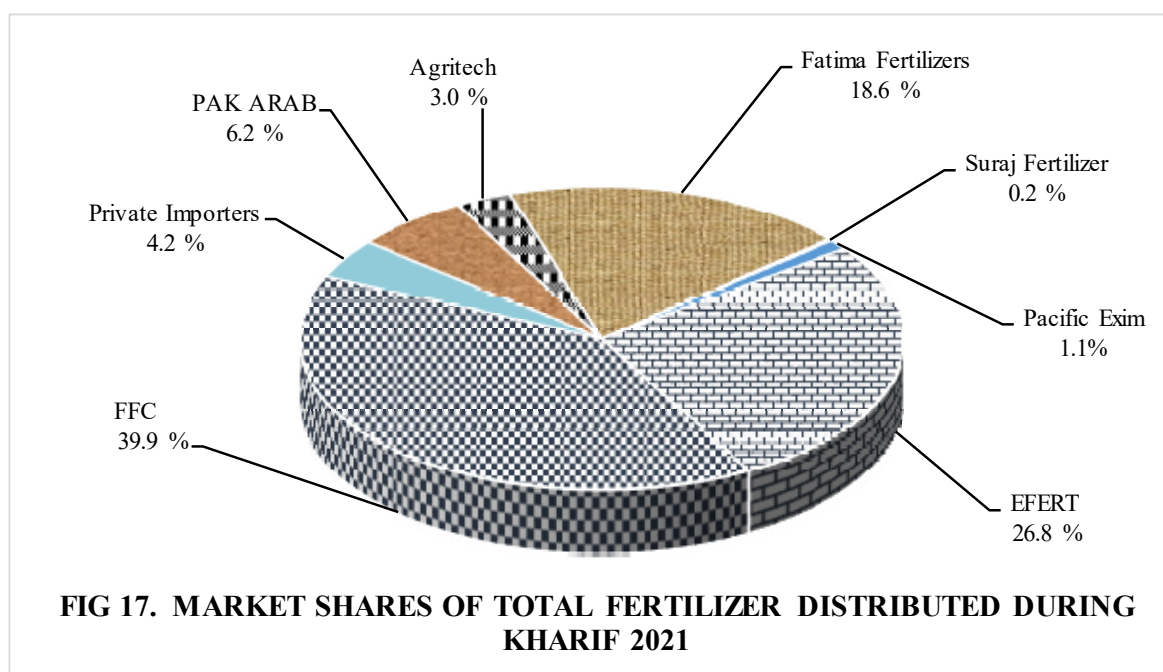


Table 33. Market shares of various fertilizer distribution agencies during Kharif 2021

SECTOR/AGENCIES	(Per cent)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	-	-	-	-	-	-	-	-	-	-	-	-
Total Public Sector	-	-	-	-	-	-	-	-	-	-	-	-
FFC	48	-	-	-	55	-	-	25	27	-	-	39.9
EFERT	35	-	4	-	16	100	-	39	32	96.7	24	26.8
Fatima Fert. (DHCL)	-	-	-	-	-	-	-	-	-	-	-	-
PAK ARAB	1	36	28	-	3	-	-	-	-	-	-	6.2
Agri Tech (Pvt.) Limited	4	-	-	70	-	-	-	-	-	-	-	3.0
Fatima Fertilizer Company Limited	13	64	67	-	1	-	-	-	-	-	-	18.6
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	26	-	-	-	-	-	-	-	0.25
Safi Chemicals	-	-	-	4	-	-	-	-	-	-	-	0.04
Pacific Exim	-	-	-	-	6	-	-	14	5	-	10	1.1
Other Private Importers	-	-	-	-	20	-	-	22	37	3.3	66	4.2
Total Private Sector	100	100	100	100	100	100	-	100	100	100	100	100
Grand Total	100	100	100	100	100	100	-	100	100	100	100	100

12.4 Market shares during Rabi 2021-22

During Rabi 2021-22, a total quantity of about 5,306 thousand tonnes of various products were handled by the fertilizer marketing agencies. Out of this, private sector agencies marketed 100 per cent of total fertilizer volume in product tonnes. Percentage-wise FFC handled 38.3, EFERT 25.7, Pak-Arab 8.2, Agritech Limited 4.4, Fatima Fertilizer Limited 18.4, Suraj Fertilizers 0.3, Safi Chemicals 0.01 and private importers/distributors 4.2 per cent (Table 34). Detailed agency-wise and product-wise offtake figures are presented in Annex 26 and graphically shown in **Figure 18**.

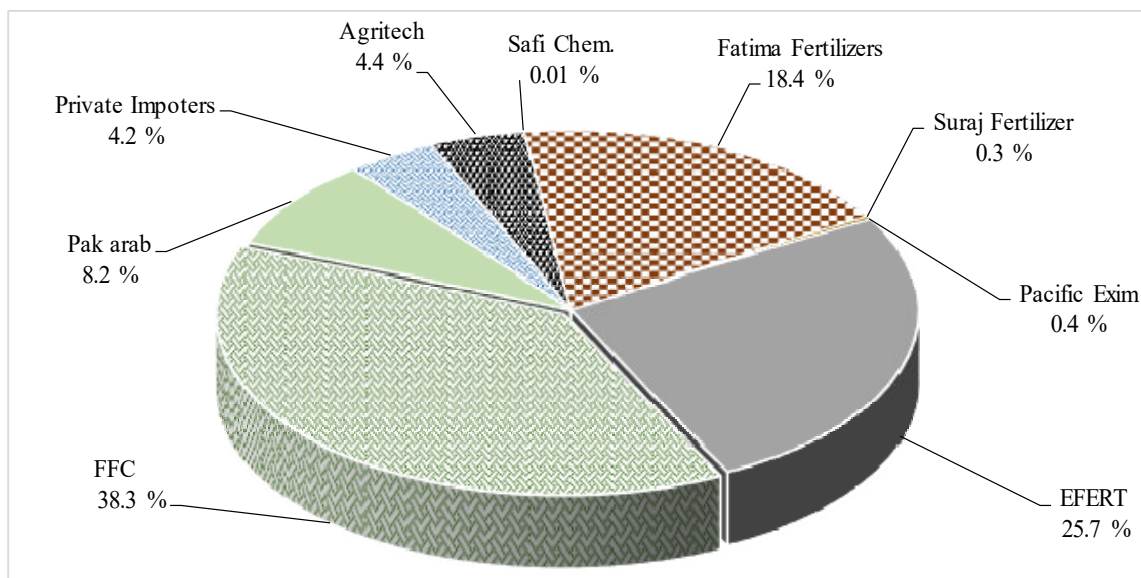


FIG 18. MARKET SHARES OF TOTAL FERTILIZER DISTRIBUTED DURING RABI 2021-22

Table 34. Market shares of various fertilizer distribution agencies during Rabi 2021-22

SECTOR/AGENCIES	(Percent)											TOTAL
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	
NFML	-	-	-	-	-	-	-	-	-	-	-	-
Total Public Sector	-	-	-	-	-	-	-	-	-	-	-	-
FFC	46	-	-	-	54	-	-	14	1	-	-	38.3
EFERT	33	-	8	-	17	100	-	23	21	98	24	25.7
Fatima Fert. (DHCL)	-	-	-	-	-	-	-	-	-	-	-	-
PAK ARAB	2	45	30	-	6	-	-	-	-	-	-	8.2
Agri Tech (Pvt.) Limited	6	-	-	68	-	-	-	-	-	-	-	4.4
Fatima Fertilizer Co Ltd	14	55	62	-	2	-	-	-	-	-	-	18.4
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	28	-	-	-	-	-	-	-	0.3
Safi Chemicals	-	-	-	4	-	-	-	-	-	-	-	0.01
Pacific Exim	-	-	-	-	1	-	-	33	1	-	3	0.4
Other Private Importers	-	-	-	-	19	-	-	30	77	2	73	4.2
Total Private Sector	100	100	100	100	100	100	-	100	100	100	100	100
Grand Total	100	100	100	100	106	100	-	129	105	100	105	100

12.5 Fertilizer Dealers Network

The data presented in Table 35 show that there are about 16,952 dealers, out of which 14,698 are appointed by the private sector, while public sector dealers are only 2254.

Table 35. Fertilizer dealers' network

Sector	Provinces				Total
	Punjab	Sindh	KP	Balochistan	
A. Public	1829	287	88	50	2254
B. Private	10699	2933	669	397	14698
Total	12528	3220	757	447	16952

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 that private and public sector (own/hire) warehousing capacity is 1,665 and 115 thousand product tonnes, respectively. This excludes some distributors, who have not supplied the requisite information. Total storage capacity is about 1,665 thousand product tonnes.

Table 36. Fertilizer warehouses capacity

Sector	000 tons	Per cent Share
A. Public	115	7
B. Private	1,550	93
Total	1,665	100

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 2021- 22 on Phosphatic fertilizers such as DAP (Rs. 1,000), NP and SSP (Rs. 2,000), NPK (Rs. 300 per bag) per 50 kg bag. The Federal Government is further being approached for increase in subsidy on other phosphate and potash fertilizer as well.
- ii. E-voucher based direct subsidy was also provided to the registered farmers of Punjab during 2021-22 on Potash fertilizers such as SOP and MOP @ Rs. 800, and 500 per 50 kg bag.
- iii. Kissan Card has been introduced for registered farmers of Punjab whereby DAP subsidy is promptly being transferred through designated fertilizer dealers.
- iv. Subsidy on Zinc Sulphate is also being granted for rice crop for better yields under the National Agriculture Emergency Programme.
- v. 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 2021-22

- Enhancing nitrogen use efficiency by using different novel forms of urea fertilizer.
- Perspectives of using urea coated with boron to improve yield and quality of sun flower and canola crop.
- Influence of silicon fertilization on yield and nutritional quality of cereals under water deficit condition.
- Comparison of different integrated techniques of iron application to improve yield and iron content of maize grain.
- Prospective use of organic and inorganic phosphorus amendments on PUE and yield of maize.
- Comparison of different varieties of maize for hyper accumulation and tolerance of lead (Pb).
- Assessment of slow release N fertilizers available in Punjab on grain yield and nitrogen use efficiency of maize.
- Arsenic and boron potential hazard in the soils and rice crop of rice growing area.
- To study the impact of selenium (Se) on growth, uptake and yield of maize (*Zea mays* L.).
- Direct and residual effect of sulfur fertilization by using integrated approach in alkaline calcareous soils.
- Micronutrients status of fruits grown in Punjab.
- Phosphorus mobility in maize cultivated soil after band placement of phosphorus fertilizer.
- Nutrients removal by crops.
- Effect of residues management techniques on P-fractionation.
- To study the role Ni as essential-plant nutrient in mungbean under alkaline calcareous soils of Pakistan.
- Comparative effect of different sources of N, P and K at different growth stages on growth, yield and quality of maize.
- To study the long-term effect of organic and inorganic fertilizers on biofortification of maize grain with zinc and iron.
- To study the nutrient use efficiency under burnt and retained crop residue in rice/wheat cropping system.
- Long-term effect of fertilizer use on soil properties.
- Effect of organic amendments to improve soil health, crop growth, yield and nutrient use efficiency under rice crop.

- Effect of green manuring on soil physico-chemical properties under rice-berseem cropping pattern.
- Integrated effect of Zinc Solubilizing Bacteria (ZSB) and zinc sulphate on growth and yield of rice.
- Perspectives of using' organic and inorganic fertilizers on pH buffering capacity of alkaline calcareous soil.

Soil Chemistry Laboratory Analysis work

2530 determinations were carried out from 1314 soil samples.

13.3 Soil Chemistry Section, Directorate of Soil and Plant Nutrition, Agriculture Research Institute, Tarnab, Peshawar:

- Around 1,449 soil and water samples and 508 fertilizer samples were analyzed from various districts of KP during 2021-22. The Agriculture Extension Department, KP has approved provincial Annual Development Plan (ADP) worth of Rs 603 million for “Soil Fertility Mapping in KP”. The project will mainly focus on strengthening of 25 Labs located at 25 districts of KP at Model Farm Services Centre.

13.4 Soil salinity and reclamation Research Institute, Tandojam:

- Around 36,967 soil, 9,410 water and 321 fertilizer samples were analyzed during 2021-22.

13.5 Fauji Fertilizer Company Limited (FFC)

Number of soil samples analysed = 19,008

Promotional Programme / Activities

- Print media was used to enhance the company’s corporate and brand image.
- Radio was used extensively to promote the brand throughout the year.
- To raise awareness among farmers about contemporary agriculture practices, crop documentaries on the crop of wheat, rice, cotton and sugarcane were aired at the start of their respective seasons.
- Point of purchase material comprising crop booklets on major crops, fruits, vegetables and salt-affected soils were printed. Agri. newsletter on a quarterly basis was published.

13.6 Agritech Limited

Agritech Limited carried out following promotional programmes / activities

Farm Visits	38
Group discussions / product briefing	15
Agriculture exhibition at wheat sowing	1

14. FERTILIZER DEMAND FORECAST: OUTLOOK FOR FY 2022-23

Fertilizer forecasting is a regular 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, availability of domestic gas to local producers and impact of subsidy etc. This centre also employs econometric as well as agronomic techniques for demand forecast.

Fertilizer demand/ offtake suggested that offtake of Nitrogen, Phosphate and Potash during the Rabi 2021-22 remained at 1,920, 552 and 38 thousand nutrient tonnes, respectively. The respective offtake in product terms for Urea and DAP was 3320 and 927 thousand nutrient tonnes during Rabi 2021-22 season. The offtake of Nitrogen, Phosphate and Potash during the Kharif 2022 remained at 1,708, 303 and 13 thousand tonnes. The respective offtake for Urea and DAP is estimated to remain at 3,137 and 491 thousand product tonnes during Kharif 2022 against the figure of 3,258 and 889 thousand product tonnes during the same period in Kharif 2021. The comparative fertilizer demand estimates for Kharif 2022 are presented in Annex - 27. The supply / demand projections for next three years are given in Annex-27(A).

Table. 37 Fertilizer Demand Estimates upto FY 2022-23

Year	Nitrogen	Phosphate	Potash	Total Nutrients	(000 tonnes)	
					Urea	DAP
2020-21	3,711	1,228	69	5008	6,267	2,170
2021-22	3,838	1,093	71	5001	6,691	1,863
Growth Per cent	3.4	-11.0	2.3	-0.1	6.8	-14.2
2022-23 (Estimate)	3,488	905	45	4,438	6,406	1,530
Growth Per cent	-9.1	-17.1	-36.3	-11.3	-4.3	-17.8

The overall offtake for the year 2022-23 has been forecasted as 4,438 thousand nutrients tonnes, which is expected to decrease by 11.3 per cent over the last year. The projections up to March 2022 are presented in Annex - 27. The supply / demand projections for next four years are given in Annex-27(A).

15. ECONOMICS OF FERTILIZER USE: FERTILIZER AND COMMODITY PRICES

The important crops contribute 19.44 percent to value addition in agriculture sector and 4.41 percent to GDP. Other crops account for 13.86 percent in value addition of agriculture sector and 3.14 percent in GDP. Wheat is the staple crop and it ensures food security of the country. It is a strategic crop and any shortfall in its production can create an awkward situation leading to political uncertainty, significant drainage of foreign reserves, rise in

prices of wheat flour and pocket shortages in vulnerable areas. The production of wheat declined to 26.383 million tonnes (3.7 percent) compared to 27.389 million tonnes production of last year. Support price for crops was increased from Rs. 1,800 to Rs. 2,200 per 40 kg for wheat while per 40 kg support price for sugarcane was enhanced from Rs. 200 to Rs. 238. The average price of urea during Kharif 2021 increased by Rs. 94, and DAP by Rs. 2308 per bag of 50 kg over Kharif 2020, respectively. During Rabi 2021-22, an increase of Rs. 202 and Rs. 4168 per bag of 50 kg in respective average price of Urea and DAP was observed over Rabi 2020-21. Agricultural commodity and fertilizer prices are evinced in Table 38. The relevant data are presented in Table-39.

Table 38: Commodity and Fertilizer Prices during FY 2020-21 and FY 2021-22

Product / Commodity	Price	2020-21		2021-22	
		Support Price	Market Price	Support Price	Market Price
A. Wheat	Rs. Per 40kg	1800	1950	2200	2464
	Rs. Per Kg	45.0	48.8	55.0	61.6
B. Paddy	IRRI (Rs. Per 40kg)	-	1259	-	1439
	IRRI (Rs. Per kg)	-	31.5	-	36.0
	Basmati (Rs. Per 40kg)	-	2087	-	2416
	Basmati (Rs. Per kg)	-	52.2	-	60.4
C. Sugarcane	Rs. Per 40kg	201	250	238	251
	Rs. Per kg	5.0	6.3	5.9	6.3
D. Seed Cotton (Phutti)	Rs. Per 40kg	-	4184	5,000	5890
	Rs. Per kg	-	105	125	147
E. Fertilizer	<u>Urea Rs/bag (50kg)</u>				
	Kharif	1651	1651	1745	1745
	Rabi	1706	1706	1908	1908
	<u>DAP Rs/bag (50kg)</u>				
	Kharif	3455	3455	5763	5763
	Rabi	4364	4364	8532	8532
	<u>Nitrogen (N) Rs/kg from Urea</u>				
	Kharif	72	72	76	76
	Rabi	74	74	83	83
	<u>Phosphate (P) Rs/kg from DAP</u>				
	Kharif	122	122	221	221
	Rabi	161	161	338	338

Source: Agriculture Policy Institute (API) 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 for fertilizer.

It was observed that nitrogen fertilizer remains cheaper for wheat, rice and cotton during 2021-22 compared with 2020-21 (Table 39). Phosphate fertilizer remained costlier for all crops.

Table 39. Kg of Crop Required to Buy One Kg of Fertilizer Nutrient (N or P₂O₅)

Crop	2020-21		2021-22		Per cent change in 2021- 22 over last year at	
	Support Price	Market Price	Support Price	Market Price	Support Price	Market Price
<u>A. Wheat</u>						
Kg required to buy 1 kg of N from Urea	1.65	1.52	1.51	1.35	-8.5	-11.5
Kg required to buy 1 kg of P ₂ O ₅ from DAP	3.57	3.30	6.15	5.50	72.3	66.7
<u>B. Paddy</u>						
Kg required to buy 1 kg of N from Urea						
IRRI	-	2.28	-	2.11	-	-7.5
Basmati	-	1.38	-	1.26	-	-8.7
Kg required to buy 1 kg of P ₂ O ₅ from DAP						
IRRI	-	3.88	-	6.14	-	58.2
Basmati	-	2.34	-	3.66	-	56.2
<u>C. Sugarcane</u>						
Kg required to buy 1 kg of N from Urea	14.3	11.5	12.8	12.1	-10.5	5.3
Kg required to buy 1 kg of P ₂ O ₅ from DAP	24.3	19.5	37.2	35.2	53.1	80.1
<u>D. Seed Cotton</u>						
Kg required to buy 1 kg of N from Urea	-	0.69	0.61	0.52	-	-24.9
Kg required to buy 1 kg of P ₂ O ₅ from DAP	-	1.17	1.77	1.50	-	28.5

**Weighted average Nutrient price of one kg of N from Urea and one kg of P₂O₅ from DAP divided by the price of one kg of respective crop*

16. NATURAL GAS CONSUMPTION IN FERTILIZER PRODUCTION AND ITS PRICES DURING 2021-22

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 2021-22 was 271,797 MMCF. Out of this 82.9 per cent was used as feed stock and 17.1 per cent as fuel. The plant-wise gas consumption data of 2021-22 are given in Table 40 and detailed month-wise figures are in Annex-28.

Table 40. Gas consumption by plants during 2021-22

			(MMCF)
Fertilizer Company	Feed	Fuel	Total
Sui Northern Gas Pipelines Ltd.			
Pak-Arab	-	27	27
Fatimafert	-	-	-
Agritech	-	-	-
Hazara Phosphate	-	39	39
EFERT	35,112	3,092	38,204
Oil and Gas Development Company Limited			
EFERT	-	3,735	3,735
Liquefied Natural Gas (LNG)			
Agritech	6,685	1,719	8,404
Fatimafert	9,289	2,400	11,689
Sui Southern Gas Company Ltd.			
FFBL	19,400	158	19,558
Mari Gas Company Ltd.			
EFERT	26,871	10,020	36,891
FFC I & II	52,478	11,792	64,269
FFC III	29,029	4,960	33,988
Fatima Fertilizer	31,577	4,672	36,249
Pak- Arab	14,963	3,781	18,744
Total	225,403	46,394	271,797

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.

16.3 Subsidy on Feed Gas

Subsidy on feed gas during 2021-22 was Rs. 127.05 billion which decreased by 4.0 per cent as compared with previous year (Table 42).

Table 41. Gas price for fertilizer production

	(Rs/MMBTU)			
Effect date	01-07-2019	01-07-2019	01-09-2020	01-07-2021
<u>SNGPL'S SYSTEM</u>				
(i) For Feed Stock				
Agritech	300	300	302	302
Fatimafert/ Pak Arab	300	300	302	302
EFERT	0.7 \$	0.7 \$	0.70 \$	0.70 \$
Hazara Phosphate Fertilizer	300	300	302	302
(ii) For Fuel Generation				
DHCL/Pak Arab/Hazara Phosphate	1021	1021	1023	1023
<u>SSGCL'S SYSTEM</u>				
(i) For Feed Stock				
FFBL	300	300	302	302
(ii) For Fuel Generation				
FFBL	1021	1021	1023	1023
<u>MARI GAS CO. SYSTEM</u>				
(i) For Feed Stock				
EFERT	300	300	302	302
FFC	300	300	302	302
Fatima Fertilizer	0.7 \$	0.7 \$	0.70 \$	302
(ii) For Fuel Generation (Power)				
	1021	1021	1023	1023

Source: Oil and Gas Regulatory Authority

Table 42. Implicit subsidy on feed gas for fertilizer production during 2020-21 and 2021-22 (Estimated)

	(Rs. Billion)		
Manufacturer	2020-21	2021-22	Per cent Change
Sui Northern Gas Pipelines Ltd.			
Pak-Arab	-	-	-
Fatimafert	-	-	-
Agritech	-	-	-
EFERT	33.26	29.99	-10
Oil and Gas Development Company Limited			
EFERT	-	-	-
Sui Southern Gas Company Ltd.			
FFBL	12.68	13.29	4.8
Mari Gas Company Ltd.			
EFERT	13.33	14.53	9
FFC	42.10	44.07	5
Fatima Fertilizer	23.64	17.08	-28
Pak Arab	7.40	8.09	9
Total	132.41	127.05	-4

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 Taraqiati 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 2020-21 and 2021-22 is presented in Table 43. Agricultural loans of Rs. 1,418.9 billion were disbursed during 2021-22 as against Rs. 1,365.9 billion during the last year (2020-21), there by registering an increase of 3.9 per cent. The share of commercial banks and ZTBL was 53.9 and 4.9 per cent, whereas the share of private Banks was 21.1 per cent. Shares of Micro Finance Banks, Islamic Banks and Rural Support Programmes were 4.7, 13.1 and 2.0 per cent, respectively.

It may be observed that out of the total disbursement during FY 2021-22, 92.1 per cent was for production loan and 7.9 per cent for development loan. Production loan is for short term of 6 to 18 months for farm inputs like seed, fertilizer, pesticides, POL, labour and poultry feed. Of the total production loan, about 40 per cent goes to fertilizer. Therefore, it is estimated that about Rs. 522.9 billion have been provided for fertilizer sector. The data presented in Table 43 also indicate that almost all the banks have achieved their targets. Overall target achievement was 83 per cent.

Table 43. Institution-wise Agriculture Credit Disbursements during FY 2021-22

(Rs in Million)

Name of Bank/MFIs	Disbursement during 2020-21	Per cent Share	Disbursement during 2021-22 (July - June 2022)		Total	Per cent Share	Target for 2021-22	Target Achieved during July-June 2022 (%)	Target for 2022-23
			Production	Development					
Commercial Bank									
Allied Bank Limited	78,082	5.7	85,226	5,519	90,745	6.4	87,000	104.3	97,000
Habib Bank Limited	210,896	15.4	247,492	8,517	256,009	18.0	235,000	108.9	273,000
MCB Bank Limited	125,874	9.2	140,647	1,145	141,792	10.0	140,000	101.3	150,000
National Bank of Pakistan	271,567	19.9	141,328	6,022	147,350	10.4	310,000	47.5	310,000
United Bank Limited	115,054	8.4	125,519	2,923	128,442	9.1	128,000	100.3	136,000
Total Commercial Banks	801,473	58.7	740,212	24,126	764,338	53.9	900,000	84.9	966,000
Z.T.B.L	78,500	5.7	38,423	30,793	69,216	4.9	105,000	65.9	105,000
P.P.C.B.L	8,205	0.6	5,812	1,705	7,516	0.5	13,000	57.8	13,000
Total Domestic Pvt Banks	274,525	20.1	251,660	47,059	298,719	21.1	367,000	81.4	370,000
Total Islamic Banks	47,815	3.5	58,531	8,048	66,579	4.7	80,000	83.2	83,000
Total Micro Finance Banks	132,070	9.7	186,344		186,344	13.1	195,000	95.6	230,000
Total MFIs/RSPs	23281	2	26195	0	26195	2	40000	65	33000
Grand Total (All Banks)	1365870	100	1307176	111731	1418906	100	1700000	83	1800000

18. GLOBAL AGRICULTURE AND FERTILIZER SITUATION

18.1 AGRICULTURE

World cereal utilization is forecast to decline in 2022-23 by 0.1 percent from the estimated 2021-22 level, to 2797 million tonnes. At this level, the global cereal stock-to-use ratio would fall from 30.7 percent in 2021-22 to 29.8 percent in 2022-23. The predicted contraction, the first in twenty years, would mainly stem from expected declines in the feed use of wheat, coarse grains and rice, along with a smaller foreseen decrease in industrial uses, mainly of wheat and rice. Utilization of coarse grains is anticipated to remain near the 2021-22 level of 1501 million tonnes in 2022-23, with a rise in food consumption balancing reduced feed use. The forecast for the 2022-23 global wheat utilization is still pointing to a slight (0.1 percent) decline from 2021-22 estimates of 778.3 million tonnes, largely on an anticipated fall in feed use (Table-44). Wheat availability is also hampered by the Ukrain Russian war. Based on current production and utilization forecasts for 2022-23, world cereal stocks at the close of crop seasons ending in 2023 are anticipated to decrease by 0.6 percent to 854.2 million tonnes from previous year's figure of 859.2 million tonnes. The expected small decline in the level of world cereal inventories may be sufficient to further drop in the stocks-to-use ratio, which is forecast to fall from 30.7 percent in 2021-22 to 29.8 percent in 2022-23.

The forecast for World Trade in cereals in 2022-23 is 467.6 million tonnes down by 2.4 percent from 2021-22 estimates of 479.0 million tonnes. The forecast for world cereal stocks by the close of the seasons in 2022-23 will remain close to 854.2 million tonnes, down by 0.6 percent from last year figure of 859.2 million tonnes (Source FAO Food outlook July, 2022).

Table 44. World Cereal Production, Supplies, Trade and Stocks

(Million tonnes)

Particulars	2020-21 (Actual)	2021-22 (Estimates)	2022-23 (Forecast)	Percent change in 2021-22 over 2020-21
Production	2778.2	2809.7	2791.5	1.1
Wheat	776.5	778.3	770.3	0.2
Coarse grains	1484.7	1508.8	1500.7	1.6
Rice (milled)	517.0	522.5	520.5	1.1
Utilization	2761.8	2799.1	2797.4	1.4
Trade	479.5	479.0	467.6	-0.1
Stocks	834.1	859.2	854.2	3.0
Stock to use ratio (%)	29.8	30.7	29.8	3.0

Source: FAO Crop prospects and food situation, report, July 2022.

18.2 WORLD FERTILIZER CONSUMPTION

Global fertilizer use (N + P₂O₅ + K₂O) was estimated at 203.8 Mt of nutrients in fertilizer year 2020-21, almost 12 Mt (6.3%) higher than in 2019-20. This is the largest annual expansion in mineral fertilizer use since 2009-10. Global fertilizer demand is expected to contract by 2.7% (5.5 Mt nutrients) to 198.2 Mt in 2021-22. The main factor behind this expectation for lower demand is reduced fertilizer affordability. International prices of urea, DAP and MOP rose sharply between late 2020-21, much faster than crop prices. Demand is expected to drop for all three nutrients, with nitrogen (-2.1%) relatively less affected than phosphorous (-3.3%) and potash (-3.9%) (Table-45).

An expected drop in fertilizer year 2021-22, demand fundamentals would improve in 2022-23. Accordingly, a 2.9% recovery in global fertilizer demand is forecast, rebounding from a 2.7% decline. Global demand is forecast to rise to 203.9 Mt, broadly equal to the 2020-21 level. Nutrient demand for nitrogen is expected to rise by 2.4% to 114 Mt, demand for phosphorous by 3.1% to 49.5 Mt and potash demand by 3.8% to 40.3 Mt.

Table 45. World Fertilizer Consumption by Nutrients

(Million tonnes)				
Year	Nitrogen	Phosphate	Potash	Total
2019-20 (Actual)	108.2	46.5	37.0	191.8
2020-21 (Estimate)	113.7	49.7	40.4	203.8
Percent change over 2019-20	+5.0%	+6.8%	+9.1%	+6.3%
2021-22 (forecast)	111.3	48.0	38.9	198.2
Percent change over 2020-21	-2.1%	-3.3%	-3.9%	-2.7%
2022-23 (forecast)	114.0	49.5	40.3	203.9
Percent change over 2021-22	+2.4%	+3.1%	+3.8%	+2.9%

Source: IFA Short Term Fertilizer Outlook 2021-22, November 2021.

19. AGRICULTURE AND CROP SCENARIO DURING 2021-22

Sustainable growth of the agriculture sector is vital for food security and rural development in Pakistan. It is a major contributor to the employment, foreign exchange earnings and provides industrial raw material, hence growth in this sector has multiple linkages with the overall economy. It contributes 22.7 percent to the GDP and provides employment to around 37.4 percent of the labour force, manager of rural landscape and environmental shield in protecting and upgrading the climate-resilient production and ecosystem. The improvement in agriculture production systems will increase farm income, reduce consumer prices and enhance diverse food supplies besides generating an exportable surplus. During the post COVID-19 period, the steep rise in the price of various commodities has further enhanced the importance of this sector, especially for the countries who are net importers of food items. Realizing the importance of agriculture sector, the Government encourages financial

inclusion activities in the agriculture sector to adopt new approaches in order to boost the productivity and exports, thus enhancing a rural development-driven economic growth.

During 2021-22, agriculture sector recorded a remarkable growth of 4.40 percent and surpassed the target of 3.5 percent and last year's growth of 3.48 percent. This growth is mainly driven by high yields, attractive output prices and supportive government policies, better availability of certified seeds, pesticides and agriculture credit. The crops sector outperformed and posted a growth of 6.58 percent during 2021-22 against 5.96 percent last year. At sub sectors level, important crops, other crops and cotton ginning depicted a significant growth of 7.24 percent, 5.44 percent and 9.19 percent, respectively, against last year's growth of 5.83 percent, 8.27 percent and -13.08 percent. The growth in production of important crops namely cotton, rice, sugarcane and maize are estimated at 17.9 percent, 10.7 percent, 9.4 percent and 19.0 percent respectively. The production of cotton crop increased from 7064 thousand bales reported last year to 8,328 thousand bales during 2021-22; rice production increased from 8420 thousand tonnes to 9,690 thousand tonnes; sugarcane production increased from 81,010 thousand tonnes to 88,523 thousand tonnes; maize production increased from 8,940 thousand tonnes to 9,124 thousand tonnes, respectively, while that of wheat production decreased from 27,389 thousand tonnes to 26,383 thousand tonnes. Other crops having share of 13.86 percent in agriculture value addition and 3.14 percent in GDP, grew by 5.44 percent on the back of increase in the production of pulses (29.82 percent), oilseeds (24.75 percent), vegetables (11.52 percent), fruits (1.53 percent) and fodders (0.36 percent).

19.1 Land Utilization

Land utilization statistics from 1970-71 to 2021-22 are depicted in Table-1. Total cropped area remained stagnant during last 3-5 years due to almost unchangeable net area sown (15.70 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 2020-21, the total cropped area was 24.14 million hectares.

Table 46. Land Utilization, 1970-71 to 2020-21 (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	22.08	7.76	23.16
2014-15	4.54	8.30	6.66	15.46	22.12	7.82	23.26
2015-16	3.99	8.27	10.14	15.62	22.01	7.90	24.04
2016-17	4.47	8.37	9.51	15.59	22.11	7.46	23.01
2017-18	4.47	8.29	9.40	15.74	22.15	7.75	23.45
2018-19	4.47	8.31	9.46	15.61	22.11	7.60	23.20
2019-20	3.90	8.20	10.10	15.74	15.70	8.40	24.14
2020-21 (P)	3.90	8.2	10.10	15.74	15.70	8.40	24.14

Source: Pakistan Bureau of Statistic (P): Provisional

19.2 Irrigation and Water Availability

Agriculture is the largest water consuming sector, so efficient use of water is an important requirement for its sustainable growth. Water is essential to meet the food need for country's growing population. Rising population, reservoir sedimentation, dwindling river supplies and climate change impacts have put Pakistan's limited water resources under immense stress. The country is facing severe water stress gradually morphing into water scarcity.

The Government's existing strategy of "Integrated Water Resources Management" recognizes the need to introduce appropriate policy measures, institutional reforms, and knowledge-based interventions to make water infrastructure and management system more efficient and sustainable.

Water availability during Kharif 2021 remained at 65.08 million-acre feet (MAF) showing a slight decrease of 0.05 percent compared to 65.11 MAF of Kharif 2020. Rabi season 2021-22 received 27.42 MAF, showing a decrease of 12 percent over Rabi 2020-21 (Table-47).

Table 47. Canal Head Withdrawals (Below Rim Stations)

Province	Million Acre Feet (MAF)					
	Kharif (Apr- Sep) 2020	Kharif (Apr- Sep) 2021	% Change in Kharif 2021 Over 2020	Rabi (Oct- Mar) 2020-21	Rabi (Oct- Mar) 2021-22	% Change in Rabi 2021-22 Over 2020- 21
Punjab	33.44	33.13	-1	17.42	14.65	-16
Sindh	28.80	28.96	1	12.01	11.08	-8
Balochistan	2.02	1.94	-4	1.22	1.00	-18
Khyber Pakhtunkhwa	0.85	1.05	23	0.57	0.70	23
Total	65.11	65.08	-0.05	31.21	27.42	-12

Source: Economic Survey 2021-22

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 cropping seasons. "Kharif", the first sowing season, starts from April to June and is harvested from October to December. Rice, sugarcane, cotton, maize, moong, mash, bajra and jowar are "Kharif" crops. "Rabi", the second sowing season, begins from October to December and is harvested from April to May. Wheat, gram, lentil (masoor), tobacco, rapeseed, barley and mustard are "Rabi" crops. Pakistan's agricultural productivity is dependent upon the timely availability of water. The important crops contribute 19.44 percent to value addition in agriculture sector and 4.41 percent to GDP. Other crops account for 13.86 percent in value addition of agriculture sector and 3.14 percent in GDP. Performance of wheat, rice, cotton, sugarcane and maize being considered as major crops and few minor crops during 2021-22 against 2020-21 is briefly narrated below.

Wheat

Wheat is the staple crop and it ensures food security of the country. Wheat is cultivated over 22 million acres and accounts for 7.8 percent of the value added in agriculture and 1.8 percent of GDP. Self-sufficiency in wheat has been an objective of every Government and thus always challenges for the agriculture experts and policy makers.

Wheat crop production declined by 3.67 percent to 26,383 thousand tonnes over last year's production of 27,389 thousand tonnes. The area under cultivation decreased by 1.8 percent to 8989 thousand hectares over last year's area (9154 thousand hectares). There was 1.91 percent decrease in wheat yield compared to last year yield of 2992 kg/ha. Wheat production declined due to decline in area sown, shortfall in irrigation water and drought conditions at sowing, less use of phosphate fertilizer and heat wave in March/April, though the government increased Minimum Support Price to Rs 2200/40 kg this year. Area, production and yield of wheat during 2021-22 compared with last year is given in Table-48.

Table 48. Area, Production and Yield of Wheat during 2021-22 against last year

Province	2021-22			2020-21			Per cent (%) Change in 2021-22 over 2020-21		
	Area (000'ha)	Prod. (000' t)	Yield kg/ha	Area (000' ha)	Prod. (000' t)	Yield kg/ha	Area	Prod.	Yield
Punjab	6560	20032	3054	6746	20900	3098	-2.76	-4.15	-1.43
Sindh	1183	3750	3170	1188	3968	3341	-0.40	-5.49	-5.11
KP	474	1381	2914	458	1159	2531	3.49	19.12	15.10
Balochistan	772	1220	1580	762	1362	1787	1.34	-10.40	11.58
Pakistan	8989	26383	2935	9154	27389	2992	-1.80	-3.67	-1.91

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

Cotton

Pakistan is 5th largest producer of cotton in the world. Export of cotton and textile products have a share of around 60 percent in overall exports of the country. It contributes around 0.6 percent to GDP and 2.4 percent of the value added in agriculture. Over the last decade or so, area under cotton cultivation has been declined and replaced by its competing crops like sugarcane, maize, potato and rice. During 2021-22, cotton crop was sown on an area of 1937 thousand hectares, which decreased by 6.83 percent over last year's area (2,079 thousand hectares). Cotton production is estimated at around 8,328 thousand bales, which is higher by 17.9 percent over the last year's production of 7,064 thousand bales. Despite decline in area sown, cotton production increased due to improved yield. The improvement in cotton yield was attributed to conducive weather conditions, smooth input supplies, better crop management practices and favorable cotton prices in international and domestic market. The area, production and yield of cotton during 2021-22 compared with last year is given in Table-49.

Table 49. Area, Production and Yield of Cotton during 2021-22 against last year

Province	2021-22			2020-21			Per cent (%) Change in 2021-22 over 2020-21		
	Area (000'ha)	Production (000' bales)*	Yield (kg/ha)	Area (000' ha)	Production (000' bales)*	Yield (kg/ha)	Area	Prod.	Yield
Punjab	1279	5168	687	1546	5044	555	-17.27	2.46	23.85
Sindh	594	2998	859	475	1862	667	25.08	61.03	28.74
KP	0.2	0.5	522	0.1	0.3	510	10.39	2.60	-7.06
Balochistan	64	162	432	58	158	465	52.78	52.87	0.06
Pakistan	1937	8328	731	2079	7064	578	-6.83	17.90	26.54

*Conversion of Bales into tonnes (Production*0.17009)

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

Rice

Rice is an important cash crop and after wheat and it is 2nd major staple food item consumed in the country. Its production comprises of 34 percent of basmati (fine) types and 66 percent of coarse types. During the last few years, production of coarse types is increasing as the farmers are bringing more areas under coarse hybrid types. It contributes 2.4 percent of value added in agriculture and 0.5 percent in GDP. During 2021-22, rice cropped area increased to 3,537 thousand hectares compared to 3,335 thousand hectares of last year witnessing growth of 6.06 percent. The production increased by 15.1 percent to 9,690 thousand tonnes against 8,420 thousand tonnes of last year. From the last couple of years, area under rice cultivation is witnessing rising trend. As rice production exceeds domestic annual requirement, the country often has exportable surplus.

The area, production and yield of rice during 2021-22 compared with last year is presented in Table-50.

Table 50. Area, Production and Yield of Rice during 2021-22 against last year

Province	2021-22			2020-21			Per cent (%) Change in 2021-22 over 2020-21		
	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area	Prod.	Yield
Punjab	2555	5779	2262	2394	5301	2214	6.73	9.01	2.13
Sindh	757	2861	3782	709	2416	3408	6.71	18.43	10.98
KP	161	525	3251	167	544	3252	-3.47	-3.49	-0.03
Balochistan	64	525	8169	65	159	2442	-1.04	231	234
Pakistan	3537	9690	2739	3335	8420	2525	6.06	15.08	8.50

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

Sugarcane

Sugarcane is of great significance for sugar related industries and 2nd largest agro-based industry after textile. Its production accounts for 3.7 percent in agriculture's value addition and 0.8 percent in GDP. During 2021-22, sugarcane production increased by 9.27 percent to 88,523 thousand tonnes as compared to 81,010 thousand tonnes of last year. The higher domestic sugar price and better sugarcane procurement price incentivized growers to dedicate more area to sugarcane. Area, production and yield of sugarcane during 2020-21 compared with last year is given in Table-51.

Table 51. Area, Production and Yield of Sugarcane during 2021-22 against last year

Province	2021-22			2020-21			Per cent (%) Change in 2021-22 over 2020-21		
	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area	Prod.	Yield
Punjab	869	64245	73909	777	57001	73362	11.88	12.71	0.75
Sindh	310	19333	62365	280	18336	65557	10.84	5.44	-4.87
KP	0.92	34.9	37957	0.92	46.2	50196	0.00	-24.39	-24.39
Balochistan	95	4910	51629	107	5628	52379	-11.49	-12.75	-1.43
Pakistan	1275	88523	69415	1165	81010	69535	9.46	9.27	-0.17

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

Maize

Maize contributes 3.2 percent to value added in agriculture and 0.7 percent to GDP. During 2021-22, maize crop was sown on area of 1,502 thousand hectares and recorded increase of 5.98 percent over last year's cultivated area of 1,418 thousand hectares. Maize crop output recorded at 9,124 thousand tonnes witnessing growth of 2.06 percent over 8,940 thousand tonnes last year. The increase in production was mainly due to increased sown area. The area, production and yield of maize during 2021-22 compared with last year is given in Table-52.

Table 52. Area, Production and Yield of maize during 2021-22 against last year

Province	2021-22			2020-21			Per cent (%) Change in 2021-22 over 2020-21		
	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area	Prod.	Yield
Punjab	1036	8229	7946	949	8040	8476	9.17	2.34	-6.25
Sindh	4.30	4.40	1023	4.20	4.20	1000	2.38	4.76	2.33
KP	4.50	4.80	1067	4.40	4.60	1045	2.27	4.35	2.03
Balochistan	458	887	1934	461	891	1934	-0.50	-0.51	-0.01
Pakistan	1503	9124	6072	1418	8940	6305	5.98	2.06	-3.70

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

Other Major Crops

During 2021-22, production of Bajra increased by 25.5 percent mainly due to increase in area. The gram production recorded decrease of 1.71 percent because of untimely rains during critical stages of the crop. Onion production increased by 9.3 percent, while that of potato production decreased by 26 percent due to reduction in area under cultivation, when compared with last year 2020-21. The provisional estimates of production of Rapeseed/ Mustard suggested decrease of 21.07 percent due to decrease in area under cultivation. Area, production and yield of said major crops during 2021-22 compared with last year is given in Table-53.

Table 53. Area, Production and Yield of other major crops during 2021-22 against previous year

Crops	2021-22			2020-21			Per cent (%) Change in 2021-22 over 2020-21		
	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area (000 ha)	Production (000 t)	Yield (kg/ha)	Area	Prod.	Yield
Bajra	348	266	764	243	212	872	43.2	25.5	-12.4
Gram	867	230	265	883	234	265	-1.81	-1.71	0.10
Potato	234	5873	25066	314	7937	25293	-25.3	-26.0	-0.90
Onion	154	2306	14,992	141	2,109	14956	9.08	9.34	0.24
Rapeseed/ Mustard (P)	224	296	1321	277	375	1354	-19.13	-21.07	-2.39

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

ANNEX-1

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING 2020-21 AND 2021-22
(2020-21)

														(Tonnes)
PRODUCT	MANUFAC.	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	69,912	71,515	69,930	73,528	19,894	65,425	77,283	69,503	76,601	73,933	75,987	72,924	816,435
UREA (P.)	FFC	145,423	144,536	139,670	145,281	142,464	140,318	147,448	126,339	130,589	134,026	137,893	99,014	1,633,001
UREA (G.)	FFBL	46,852	48,235	45,387	50,366	54,635	47,948	-	19,813	60,651	55,941	56,519	37,680	524,027
UREA	FATIMAFERT (DHCL)	-	32,372	43,097	46,258	40,000	2,494	-	-	19,999	44,424	45,827	40,464	314,935
UREA	Fatima Fertilizer Ltd	45,620	43,876	44,357	44,397	40,642	42,040	44,195	37,610	42,164	40,641	44,892	36,903	507,337
UREA	PAK-ARAB	341	7,172	7,799	7,697	4,262	5,881	7,267	5,298	2,380	6,650	3,313	8,271	66,331
UREA	EFERT	187,355	181,050	190,141	196,536	184,631	189,098	179,037	177,440	166,861	162,177	198,437	186,803	2,199,566
UREA	Agritech(PAFL)	-	26,774	30,074	33,520	28,672	5,745	-	-	14,915	34,516	35,360	30,182	239,758
TOTAL UREA		495,503	555,530	570,455	597,583	515,200	498,949	455,230	436,003	514,160	552,308	598,228	512,241	6,301,390
NP	EFERT	-	4,650	2,335	5,030	11,154	9,140	6,738	2,335	2,286	3,001	1,070	4,022	51,761
NP	PAK-ARAB	25,492	33,555	32,262	32,214	33,860	33,203	33,305	23,257	13,014	31,395	32,896	30,758	355,211
NP	Fatima Fertilizer Ltd	43,486	43,989	35,862	45,591	44,170	44,780	42,893	41,373	45,152	44,062	39,608	43,403	514,369
NP	TOTAL	68,978	82,194	70,459	82,835	89,184	87,123	82,936	66,965	60,452	78,458	73,574	78,183	921,341
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agritech (HPFL)	7,167	3,963	6,931	7,439	6,605	4,967	5,908	4,742	6,750	7,029	4,843	7,150	73,494
SSP	Suraj Fertilizer	-	-	2,890	5,900	2,775	2,117	2,333	6,805	5,522	15	1,658	1,074	31,089
SSP	Safi Group	-	-	115	225	120	-	-	-	-	-	150	500	1,110
SSP	TOTAL	7,167	3,963	9,936	13,564	9,500	7,084	8,241	11,547	12,272	7,044	6,651	8,724	105,693
CAN	PAK-ARAB	21,158	26,094	22,516	24,049	28,182	27,929	27,313	30,046	12,657	26,974	27,055	29,147	303,120
CAN	Fatima Fertilizer Ltd	40,544	41,721	34,525	42,901	43,198	43,444	40,043	39,139	43,844	40,413	39,601	40,424	489,797
Total CAN		61,702	67,815	57,041	66,950	71,380	71,373	67,356	69,185	56,501	67,387	66,656	69,571	792,917
DAP	FFC-SONA	74,982	73,225	72,300	76,447	77,136	72,751	16,850	38,271	66,103	70,846	75,291	75,244	789,446
SOP	Pacific	828	879	895	894	851	867	862	856	981	963	917	811	10,604
NPKs	EFERT	9,484	2,772	11,510	9,928	2,050	1,050	6,555	5,747	13,747	10,334	7,829	6,194	87,200
NPKs	Safi Group	-	-	-	-	-	-	-	-	-	-	-	-	-
G. TOTAL		718,644	786,378	792,596	848,201	765,301	739,197	638,030	628,574	724,216	787,340	829,146	750,968	9,008,591
NUTRIENTS	NITROGEN	274,419	305,538	307,646	326,126	290,153	281,312	249,813	241,461	278,486	302,854	323,086	285,160	3,466,054
	PHOSPHATE	53,287	53,939	53,759	58,839	58,176	55,020	29,293	36,223	49,262	51,566	52,150	53,014	604,527
	POTASH	2,257	938	2,555	2,260	795	623	1,742	1,509	3,070	2,207	1,917	1,434	21,305
	TOTAL	329,962	360,416	363,959	387,225	349,123	336,955	280,848	279,192	330,818	356,626	377,153	339,608	4,091,886

Continued....

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING 2020-21 AND 2021-22
(2021-22)

		(Tonnes)												
PRODUCT	MANUFAC.	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	74,981	74,199	72,355	75,591	73,469	73,713	77,786	69,826	77,179	74,477	76,706	73,082	893,364
UREA (P.)	FFC	143,057	143,660	137,139	134,090	142,248	141,387	131,282	133,320	145,202	139,475	139,053	138,640	1,668,553
UREA (G.)	FFBL	49,953	56,981	46,355	43,714	42,981	30,648	34,479	39,134	47,418	48,137	47,468	45,710	532,978
UREA	FATIMAFERT (DHCL)	-	-	3,970	45,414	43,656	41,802	43,586	30,973	45,157	42,294	30,096	37,032	363,980
UREA	Fatima Fertilizer Limited	39,431	41,411	39,788	38,288	7,865	33,608	39,524	33,611	39,823	39,159	41,660	40,524	434,692
UREA	PAK-ARAB	10,181	1,546	8,816	1,530	2,444	10,560	10,604	9,796	10,620	10,454	7,607	9,804	93,962
UREA	EFERT	194,227	197,607	97,703	166,986	187,870	189,698	196,836	172,949	198,188	193,406	197,000	160,364	2,152,834
UREA	Agritech(PAFL)	-	-	10,622	33,613	32,309	35,251	30,513	30,225	32,666	31,229	23,273	26,136	285,837
TOTAL UREA		511,830	515,404	416,748	539,226	532,842	556,667	564,610	519,834	596,253	578,631	562,863	531,292	6,426,200
NP	EFERT	2,396	4,636	3,194	5,688	7,990	6,127	6,823	5,806	4,805	6,093	6,905	7,708	68,171
NP	PAK-ARAB	31,743.0	33,228	32,728	35,890	28,900	26,936	31,135	26,950	29,350	31,397	25,902	32,437	366,596
NP	Fatima Fertilizer Limited	44,677	43,130	43,091	42,969	11,636	25,742	46,249	40,205	44,120	42,698	45,516	36,947	466,980
NP	TOTAL	78,816	80,994	79,013	84,547	48,526	58,805	84,207	72,961	78,275	80,188	78,323	77,092	901,747
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agritech (HPFL)	5,421	4,561	7,104	7,776	7,809	4,151	5,035	2,626	6,097	6,001	4,341	6,411	67,333
SSP	Suraj Fertilizer	2,870	3,860	2,552	6,068	2,830	369	16	1,808	2,563	1,073	3,539	2,695	30,243
SSP	Safi Group	850	800	500	600	300	300	-	100	80	90	100	30	3,750
SSP	TOTAL	9,141	9,221	10,156	14,444	10,939	4,820	5,051	4,534	8,740	7,164	7,980	9,136	101,326
CAN	PAK-ARAB	28,352	27,598	27,730	33,626	30,369	35,725	29,308	28,190	28,376	29,970	27,326	30,454	357,024
CAN	Fatima Fertilizer Limited	41,899	40,143	41,602	43,493	12,500	38,729	44,532	39,711	43,422	41,910	42,535	38,194	468,670
Total CAN		70,251	67,741	69,332	77,119	42,869	74,454	73,840	67,901	71,798	71,880	69,861	68,648	825,694
DAP	FFC-SONA	73,691	76,819	72,142	74,759	74,444	75,955	74,791	70,371	77,269	74,809	79,030	72,473	896,553
SOP	Pacific	182	329	898	910	810	1,858	1,555	1,502	1,413	1,735	1,774	1,691	14,657
NPKs	EFERT	5,849	5,600	6,028	10,840	7,792	1,100	7,016	6,192	9,613	7,989	4,822	5,500	78,341
NPKs	Safi Group	-	-	-	-	-	-	-	-	-	-	-	-	-
G. TOTAL		749,760	756,108	654,317	801,845	718,221	773,659	811,070	743,295	843,361	822,396	804,653	765,832	9,244,517
NUTRIENTS	NITROGEN	285,005	287,603	241,593	302,081	281,638	302,754	312,499	286,877	325,920	316,885	309,086	292,688	3,544,629
	PHOSPHATE	52,393	56,913	54,168	58,928	48,990	49,497	56,101	50,965	56,919	53,384	54,296	51,665	644,220
	POTASH	1,047	1,172	1,635	2,406	1,852	1,149	2,089	1,875	2,540	2,233	1,822	1,836	21,655
	TOTAL	338,445	345,688	297,396	363,415	332,479	353,400	370,689	339,718	385,379	372,503	365,204	346,189	4,210,505

FERTILIZER IMPORTS DURING 2020-21 AND 2021-22

(2020-21)

(Tonnes)

Months	UREA	DAP	NP	SOP	MOP	AS	SSP	MAP	TOTAL PRODUCTS	NITROGEN	PHOSPHATE	POTASH	TOTAL NUTRIENTS
July	-	111,008	-	4,069	6,231	500	-	52	121,860	20,092	51,090	5,773	76,954
August	-	83,953	-	2,058	8,220	7,500	-	-	101,731	16,687	38,618	5,961	61,266
Sep	-	179,637	-	4,040	5,193	21,829	-	52	210,751	36,924	82,659	5,136	124,719
Oct	-	100,479	-	2,016	3,553	520	-	-	106,568	18,195	46,220	3,140	67,556
Nov	-	153,700	-	432	1,464	18,765	-	52	174,413	31,612	70,728	1,094	103,434
Dec	-	128,717	-	2,021	2,200	-	-	275	133,213	23,197	59,347	2,331	84,874
Jan	-	61,156	-	1,907	1,942	6,500	-	-	71,505	12,373	28,132	2,119	42,624
Feb	-	850	-	1,264	1,008	-	-	-	3,122	153	391	1,237	1,781
Mar	-	81,433	-	3,737	2,987	-	-	9,717	97,874	15,630	42,318	3,661	61,608
April	-	52,820	-	7,364	7,562	26,535	-	-	94,281	15,080	24,297	8,219	47,596
May	-	93,422	-	3,634	7,706	9,466	-	264	114,492	18,830	43,106	6,441	68,377
June	-	215,349	-	3,173	5,545	-	-	196	224,263	38,782	99,159	4,913	142,854
Total	-	1,262,524	-	35,715	53,611	91,615	-	10,608	1,454,073	247,554	586,065	50,024	883,643

Continued....

FERTILIZER IMPORTS DURING 2020-21 AND 2021-22

(2021-22)

(Tonnes)

Months	UREA	DAP	NP	SOP	MOP	AS	SSP	MAP	TOTAL PRODUCTS	NITROGEN	PHOSPHATE	POTASH	TOTAL NUTRIENTS
July	-	167,432	-	12,692	6,662	150	-	104	187,040	30,180	77,071	10,343	117,594
August	-	81,777	-	5,213	2,035	3,982	-	9,000	102,007	16,456	42,117	3,828	62,401
Sep	-	122,929	-	4,221	6,911	6,843	-	-	140,904	23,564	56,547	6,257	86,369
Oct	-	274,276	-	2,248	7,339	5,158	-	7,000	296,021	51,153	129,667	5,527	186,347
Nov	-	30,736	-	5,974	17,976	-	-	8,800	63,486	6,412	18,539	13,773	38,724
Dec	-	-	-	1,722	523	-	-	-	2,245	-	-	1,175	1,175
Jan	-	54,863	-	1,075	-	1,500	-	-	57,438	10,190	25,237	538	35,965
Feb	50,298	15,725	-	632	14	-	-	-	66,669	25,968	7,234	324	33,525
Mar	49,900	18,700	-	182	1,500	964	-	-	71,246	26,522	8,602	991	36,115
April	-	60,075	-	3,161	-	1,470	-	-	64,706	11,122	27,635	1,581	40,337
May	-	43,976	-	2,400	-	482	-	-	46,858	8,017	20,229	1,200	29,446
June	-	23,042	-	2,252	-	942	-	-	26,236	4,345	10,599	1,126	16,071
Total	100,198	893,531	-	41,772	42,960	21,491	-	24,904	1,124,856	213,930	423,476	46,662	684,068

ANNEX-3

**MONTH-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI
2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PAKISTAN							
TOTAL							
April	205,027	214,684	260,466	237,037	266,927	239,710	-10.2
May	227,799	327,937	306,111	458,186	173,000	386,443	123.4
June	321,930	647,982	426,452	420,502	701,966	411,414	-41.4
July	533,217	381,395	483,269	399,423	500,290	470,120	-6.0
August	394,938	502,724	285,338	393,407	530,723	494,938	-6.7
September	243,374	341,402	372,991	348,214	381,831	419,402	9.8
Total Kharif	1,926,285	2,416,124	2,134,627	2,256,769	2,554,737	2,422,027	-5.2
		25.4	-11.7	5.7	13.2	-5.2	
October	526,323	482,560	594,134	269,119	387,175	562,970	45.4
November	827,722	651,087	428,728	475,424	535,524	473,112	-11.7
December	594,507	479,672	480,457	797,260	597,552	407,705	-31.8
January	270,837	356,311	361,607	177,102	434,861	400,210	-8.0
February	226,084	291,655	238,024	320,074	309,693	333,618	7.7
March	232,506	283,528	254,126	226,652	292,877	332,294	13.5
Total Rabi	2,677,979	2,544,813	2,357,076	2,265,631	2,557,683	2,509,910	-1.9
% change		-5.0	-7.4	-3.9	12.9	-1.9	
April	214,684	260,466	237,037	266,927	239,710	322,312	34.5
May	327,937	306,111	458,186	173,000	386,443	302,106	-21.8
June	647,982	426,452	420,502	701,966	411,414	482,682	17.3
FY Total	5,040,111	4,763,363	4,614,399	4,548,568	5,008,094	5,001,469	-0.1
		-5.5	-3.1	-1.4	10.1	-0.1	
NITROGEN							
April	139,710	154,073	212,883	178,919	174,213	192,760	10.6
May	160,858	280,818	264,057	340,029	134,366	292,992	118.1
June	292,593	568,346	330,931	337,156	601,283	364,996	-39.3
July	419,879	233,195	322,397	283,188	355,212	356,873	0.5
August	320,161	450,019	236,349	329,410	360,987	374,301	3.7
September	179,078	162,467	265,896	233,871	246,125	289,326	17.6
Total Kharif	1,512,279	1,848,918	1,632,513	1,702,573	1,872,185	1,871,247	-0.1
% change		22.3	-11.7	4.3	10.0	-0.1	
October	275,466	271,645	329,996	123,424	255,555	355,984	39.3
November	501,815	396,759	291,069	269,619	343,930	338,927	-1.5
December	495,518	394,976	380,953	684,828	481,659	332,306	-31.0
January	228,194	297,184	308,059	147,394	367,012	328,146	-10.6
February	163,817	220,437	205,012	258,959	242,797	286,546	18.0
March	142,613	200,265	211,841	174,101	206,724	278,144	34.5
Total Rabi	1,807,423	1,781,266	1,726,930	1,658,325	1,897,677	1,920,053	1.2
% change		-1.4	-3.1	-4.0	14.4	1.2	
April	154,073	212,883	178,919	174,213	192,760	259,674	34.7
May	280,818	264,057	340,029	134,366	292,992	238,895	-18.5
June	568,346	330,931	337,156	601,283	364,996	398,933	9.3
FY Total	3,729,778	3,434,818	3,407,676	3,414,656	3,710,748	3,838,056	3.4
% change		-7.9	-0.8	0.2	8.7	3.4	

Continued....

**MONTH-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22
AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS**

							(Tonnes)
MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PHOSPHATE							
April	63,459	57,410	45,473	54,835	89,185	42,154	-52.7
May	65,690	43,496	39,691	116,228	35,975	90,088	150.4
June	28,802	77,672	93,854	80,847	95,971	42,223	-56.0
July	111,476	144,554	154,683	113,014	140,436	106,328	-24.3
August	73,201	49,470	45,397	60,481	164,925	110,005	-33.3
September	59,044	170,969	97,060	106,587	123,114	122,914	-0.2
Total Kharif	401,672	543,571	476,158	531,992	649,606	513,712	-20.9
% change		35.3	-12.4	11.7	22.1	-20.9	
October	246,032	203,153	257,695	140,724	123,474	196,907	59.5
November	322,319	248,453	133,972	201,869	186,716	126,599	-32.2
December	97,476	81,825	95,224	107,721	112,071	70,294	-37.3
January	39,698	55,243	50,489	28,455	62,583	65,934	5.4
February	56,308	67,357	29,231	54,853	60,990	42,879	-29.7
March	84,765	78,565	37,681	48,885	79,298	49,514	-37.6
Total Rabi	846,598	734,596	604,292	582,507	625,131	552,127	-11.7
% change		-13.2	-17.7	-3.6	7.3	-11.7	
April	57,410	45,473	54,835	89,185	42,154	59,952	42.2
May	43,496	39,691	116,228	35,975	90,088	60,490	-32.9
June	77,672	93,854	80,847	95,971	42,223	80,724	91.2
FY Total	1,268,897	1,278,607	1,153,342	1,083,720	1,228,071	1,092,541	-11.0
% change		0.8	-9.8	-6.0	13.3	-11.0	
POTASH							
April	1,858	3,201	2,109	3,283	3,529	4,797	35.9
May	1,251	3,622	2,362	1,929	2,659	3,363	26.5
June	535	1,964	1,667	2,498	4,712	4,195	-11.0
July	1,862	3,646	6,189	3,221	4,642	6,919	49.1
August	1,575	3,234	3,591	3,516	4,811	10,632	121.0
September	5,252	7,966	10,035	7,755	12,593	7,161	-43.1
Total Kharif	12,333	23,633	25,953	22,202	32,946	37,068	12.5
% change		91.6	9.8	-14.5	48.4	12.5	
October	4,825	7,762	6,444	4,971	8,146	10,079	23.7
November	3,589	5,875	3,686	3,936	4,878	7,586	55.5
December	1,513	2,870	4,279	4,711	3,822	5,106	33.6
January	2,946	3,884	3,059	1,252	5,267	6,130	16.4
February	5,959	3,860	3,780	6,263	5,906	4,193	-29.0
March	5,128	4,699	4,601	3,666	6,855	4,636	-32.4
Total Rabi	23,960	28,950	25,849	24,799	34,874	37,730	8.2
% change		20.8	-10.7	-4.1	40.6	8.2	
April	3,201	2,109	3,283	3,529	4,797	2,686	-44.0
May	3,622	2,362	1,929	2,659	3,363	2,721	-19.1
June	1,964	1,667	2,498	4,712	4,195	3,024	-27.9
FY Total	41,436	49,934	53,374	50,191	69,275	70,873	2.3
% change		20.5	6.9	-6.0	38.0	2.3	

ANNEX-4

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PUNJAB							
TOTAL							
April	121,913	141,975	174,193	154,077	173,145	167,031	-3.5
May	128,876	220,367	194,552	302,238	111,825	276,896	147.6
June	220,058	459,361	297,716	287,842	456,057	292,132	-35.9
July	328,359	240,934	342,392	284,365	336,880	324,216	-3.8
August	272,518	343,491	202,549	270,660	376,221	339,401	-9.8
September	166,364	255,223	239,152	257,809	280,440	291,493	3.9
Total Kharif	1,238,088	1,661,351	1,450,554	1,556,991	1,734,567	1,691,170	-2.5
% change		34.2	-12.7	7.3	11.4	-2.5	
October	381,589	327,947	413,197	188,211	259,650	388,510	49.6
November	602,609	452,342	305,262	315,245	374,821	341,027	-9.0
December	428,517	352,785	324,174	521,831	420,625	304,246	-27.7
January	188,707	251,691	255,152	120,678	307,151	290,967	-5.3
February	151,518	216,409	162,621	221,514	234,729	231,724	-1.3
March	155,989	208,333	184,099	158,852	208,536	222,563	6.7
Total Rabi	1,908,929	1,809,507	1,644,505	1,526,331	1,805,513	1,779,037	-1.5
% change		-5.2	-9.1	-7.2	18.3	-1.5	
April	141,975	174,193	154,077	173,145	167,031	216,192	29.4
May	220,367	194,552	302,238	111,825	276,896	204,050	-26.3
June	459,361	297,716	287,842	456,057	292,132	324,088	10.9
FY Total	3,497,873	3,315,616	3,172,755	3,080,192	3,535,113	3,478,478	-1.6
% change		-5.2	-4.3	-2.9	14.8	-1.6	
NITROGEN							
April	83,586	102,305	144,174	118,874	112,463	130,632	16.2
May	93,074	189,547	164,709	228,224	87,796	207,281	136.1
June	197,621	397,078	225,892	226,378	387,016	255,720	-33.9
July	250,444	145,730	222,650	195,340	241,475	237,234	-1.8
August	216,264	306,970	169,675	226,963	254,484	249,722	-1.9
September	123,401	116,103	158,001	172,368	183,250	192,523	5.1
Total Kharif	964,390	1,257,733	1,085,101	1,168,147	1,266,484	1,273,112	0.5
% change		30.4	-13.7	7.7	8.4	0.5	
October	191,881	173,600	226,187	82,197	172,363	243,665	41.4
November	355,738	267,924	207,149	178,290	233,266	240,182	3.0
December	352,769	290,463	253,180	447,913	330,770	246,994	-25.3
January	155,189	205,487	219,164	98,690	255,563	241,412	-5.5
February	107,304	161,898	139,900	175,972	184,216	196,029	6.4
March	94,994	150,604	154,001	125,133	151,225	189,488	25.3
Total Rabi	1,257,875	1,249,976	1,199,581	1,108,195	1,327,402	1,357,770	2.3
% change		-0.6	-4.0	-7.6	19.8	2.3	
April	102,305	144,174	118,874	112,463	130,632	176,355	35.0
May	189,547	164,709	228,224	87,796	207,281	157,332	-24.1
June	397,078	225,892	226,378	387,016	255,720	267,464	4.6
FY Total	2,536,914	2,353,554	2,323,383	2,290,141	2,600,244	2,638,399	1.5
% change		-7.2	-1.3	-1.4	13.5	1.5	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PHOSPHATE							
April	36,937	37,631	28,865	32,738	58,086	32,221	-44.5
May	34,979	27,999	28,030	72,588	21,784	66,925	207.2
June	22,116	60,653	70,388	59,645	65,415	32,861	-49.8
July	76,488	92,282	114,666	86,325	91,439	80,826	-11.6
August	55,274	34,146	30,076	41,100	117,795	81,096	-31.2
September	38,370	133,181	73,510	78,816	87,009	93,157	7.1
Total Kharif	264,164	385,892	345,535	371,212	441,528	387,086	-12.3
% change		46.1	-10.5	7.4	18.9	-12.3	
October	185,642	147,978	182,007	101,961	80,926	138,324	70.9
November	244,478	180,030	95,531	134,097	138,137	97,487	-29.4
December	74,880	59,800	68,097	70,704	87,834	52,759	-39.9
January	31,045	43,231	33,832	21,015	48,093	45,812	-4.7
February	39,526	51,947	20,115	40,979	45,853	32,829	-28.4
March	57,907	54,926	27,578	31,537	52,929	30,593	-42.2
Total Rabi	633,478	537,912	427,160	400,293	453,771	397,804	-12.3
% change		-15.1	-20.6	-6.3	13.4	-12.3	
April	37,631	28,865	32,738	58,086	32,221	38,035	18.0
May	27,999	28,030	72,588	21,784	66,925	44,705	-33.2
June	60,653	70,388	59,645	65,415	32,861	54,878	67.0
FY Total	929,893	924,804	810,383	751,819	882,020	790,501	-10.4
% change		-0.5	-12.4	-7.2	17.3	-10.4	
POTASH							
April	1,390	2,040	1,154	2,466	2,596	4,178	61.0
May	823	2,822	1,723	1,426	2,245	2,690	19.9
June	321	1,631	1,435	1,819	3,626	3,551	-2.1
July	1427	2922	5076	2,700	3,967	6,157	55.2
August	980	2375	2798	2,596	3,941	8,583	117.8
September	4593	5939	7641	6,625	10,181	5,813	-42.9
Total Kharif	9,534	17,729	19,827	17,632	26,555	30,973	16.6
% change		86.0	11.8	-11.1	50.6	16.6	
October	4,066	6,370	5,003	4,053	6,360	6,520	2.5
November	2,394	4,388	2,581	2,858	3,419	3,358	-1.8
December	868	2,522	2,896	3,215	2,022	4,492	122.2
January	2,474	2,974	2,156	973	3,496	3,744	7.1
February	4,688	2,565	2,607	4,563	4,661	2,867	-38.5
March	3,088	2,804	2,520	2,181	4,382	2,483	-43.3
Total Rabi	17,578	21,623	17,763	17,843	24,339	23,464	-3.6
% change		23.0	-17.9	0.5	36.4	-3.6	
April	2,040	1,154	2,466	2,596	4,178	1,803	-56.8
May	2,822	1,723	1,426	2,245	2,690	2,014	-25.2
June	1,631	1,435	1,819	3,626	3,551	1,745	-50.9
FY Total	31,071	37,171	38,989	38,231	52,849	49,578	-6.2
% change		19.6	4.9	-1.9	38.2	-6.2	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)							
MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
SINDH							
TOTAL							
April	56,042	52,267	64,407	58,565	68,427	45,884	-32.9
May	76,105	80,875	90,674	123,867	45,218	76,277	68.7
June	79,427	154,499	102,508	106,435	185,904	88,878	-52.2
July	164,045	109,518	114,541	85,742	120,091	110,853	-7.7
August	89,949	133,596	63,713	91,886	105,532	116,132	10.0
September	57,698	60,869	108,002	62,843	70,541	100,286	42.2
Total Kharif	523,266	591,624	543,845	529,338	595,713	538,311	-9.6
% change		13.1	-8.1	-2.7	12.5	-9.6	
October	111,386	121,675	144,945	52,376	97,631	139,538	42.9
November	181,883	157,986	98,420	122,102	123,498	104,677	-15.2
December	129,765	102,546	124,246	219,349	141,622	83,238	-41.2
January	58,081	82,300	83,773	34,483	100,137	88,951	-11.2
February	52,952	53,438	52,363	67,568	48,297	76,457	58.3
March	52,441	46,834	44,126	41,377	49,657	83,129	67.4
Total Rabi	586,508	564,779	547,873	537,255	560,843	575,989	2.7
% change		-3.7	-3.0	-1.9	4.4	2.7	
April	52,267	64,407	58,565	68,427	45,884	83,132	81.2
May	80,875	90,674	123,867	45,218	76,277	79,770	4.6
June	154,499	102,508	106,435	185,904	88,878	121,973	37.2
FY Total	1,185,841	1,126,351	1,122,996	1,077,275	1,068,047	1,188,136	11.2
% change		-5.0	-0.3	-4.1	-0.9	11.2	
NITROGEN							
April	38,508	36,533	50,431	42,616	41,496	38,019	-8.4
May	52,433	69,589	80,984	87,503	34,358	58,591	70.5
June	74,205	141,072	84,412	90,052	167,607	81,353	-51.5
July	135,265	68,818	83,082	66,223	81,725	89,537	9.6
August	77,138	121,506	50,747	78,626	69,904	92,871	32.9
September	44,930	35,430	89,793	42,654	43,009	76,154	77.1
Total Kharif	422,479	472,948	439,449	407,674	438,099	436,525	-0.4
% change		11.9	-7.1	-7.2	7.5	-0.4	
October	64,837	79,420	82,464	26,595	64,317	92,196	43.3
November	117,838	102,506	67,820	68,035	84,294	78,745	-6.6
December	113,383	85,373	103,321	188,441	122,099	67,891	-44.4
January	53,261	72,765	70,025	30,548	87,940	69,406	-21.1
February	40,157	41,168	46,223	57,752	36,490	68,479	87.7
March	30,211	29,286	36,178	29,545	29,203	67,320	130.5
Total Rabi	419,687	410,518	406,031	400,916	424,343	444,037	4.6
% change		-2.2	-1.1	-1.3	5.8	4.6	
April	36,533	50,431	42,616	41,496	38,019	64,322	69.2
May	69,589	80,984	87,503	34,358	58,591	66,744	13.9
June	141,072	84,412	90,052	167,607	81,353	100,957	24.1
FY Total	924,214	852,099	849,824	831,880	796,943	934,621	17.3
% change		-7.8	-0.3	-2.1	-4.2	17.3	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	(Tonnes)
							Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PHOSPHATE							
April	17,271	14,962	13,428	15,443	26,241	7,359	-72.0
May	23,379	10,815	9,299	35,976	10,561	17,245	63.3
June	5,121	13,183	17,958	15,849	17,733	7,022	-60.4
July	28,451	40,046	30,755	19,164	37,871	20,698	-45.3
August	12,469	11,440	12,566	12,761	35,116	21,858	-37.8
September	12,351	24,007	16,613	19,661	26,064	23,066	-11.5
Total Kharif	99,042	114,453	100,619	118,854	153,585	97,249	-36.7
% change		15.6	-12.1	18.1	29.2	-36.7	
October	45,979	41,193	61,566	25,077	32,062	44,203	37.9
November	63,107	54,303	29,735	53,176	38,091	22,040	-42.1
December	15,886	16,927	19,815	29,727	18,098	14,881	-17.8
January	4,670	8,997	13,261	3,816	10,800	17,331	60.5
February	12,089	11,556	5,569	9,178	10,971	7,407	-32.5
March	21,094	16,788	7,056	10,954	19,495	13,887	-28.8
Total Rabi	162,825	149,764	137,002	131,928	129,517	119,748	-7.5
% change		-8.0	-8.5	-3.7	-1.8	-7.5	
April	14,962	13,428	15,443	26,241	7,359	17,994	144.5
May	10,815	9,299	35,976	10,561	17,245	12,518	-27.4
June	13,183	17,958	15,849	17,733	7,022	19,817	182.2
FY Total	255,056	265,942	264,204	238,049	260,194	235,700	-9.4
% change		4.3	-0.7	-9.9	9.3	-9.4	
POTASH							
April	262	773	548	506	690	506	-26.7
May	293	472	390	388	299	441	47.2
June	101	245	138	533	564	503	-10.8
July	329	654	704	355	496	619	24.9
August	343	650	400	499	512	1,403	173.9
September	418	1,432	1,596	529	1,468	1,066	-27.4
Total Kharif	1,746	4,226	3,776	2,810	4,029	4,537	12.6
% change		142.0	-10.6	-25.6	43.4	12.6	
October	570	1,062	915	703	1,251	3,138	150.8
November	938	1,177	866	890	1,114	3,892	249.4
December	497	246	1,110	1,181	1,425	467	-67.3
January	150	538	487	119	1,398	2,215	58.4
February	706	714	572	639	836	571	-31.7
March	1,135	759	892	878	959	1,921	100.3
Total Rabi	3,996	4,496	4,842	4,410	6,984	12,203	74.7
% change		12.5	7.7	-8.9	58.4	74.7	
April	773	548	506	690	506	815	61.2
May	472	390	388	299	441	508	15.2
June	245	138	533	564	503	1,200	138.6
FY Total	6,576	8,308	8,969	7,346	10,909	17,815	63.3
% change		26.3	8.0	-18.1	48.5	63.3	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
KP							
TOTAL							
April	17,933	13,233	13,968	13,685	16,519	18,121	9.7
May	14,184	18,269	10,921	17,434	8,767	15,200	73.4
June	14,602	21,414	14,306	12,058	24,752	13,334	-46.1
July	25,842	10,515	13,855	15,457	18,835	12,342	-34.5
August	21,899	11,467	11,694	17,966	24,166	16,205	-32.9
September	11,726	13,635	15,077	15,139	20,090	13,508	-32.8
Total Kharif	106,186	88,533	79,821	91,739	113,129	88,711	-21.6
% change		-16.6	-9.8	14.9	23.3	-21.6	
October	23,407	18,885	23,156	13,096	17,860	20,607	15.4
November	29,317	23,353	11,656	18,463	25,080	17,686	-29.5
December	18,381	12,472	15,117	22,468	19,425	12,976	-33.2
January	10,635	12,448	15,043	11,130	13,506	12,852	-4.8
February	13,915	13,101	12,917	16,686	17,044	18,089	6.1
March	17,065	19,232	16,262	17,014	22,004	16,032	-27.1
Total Rabi	112,720	99,491	94,151	98,857	114,919	98,243	-14.5
% change		-11.7	-5.4	5.0	16.2	-14.5	
April	13,233	13,968	13,685	16,519	18,121	11,150	-38.5
May	18,269	10,921	17,434	8,767	15,200	11,205	-26.3
June	21,414	14,306	12,058	24,752	13,334	24,568	84.2
FY Total	225,103	174,303	177,954	197,457	224,666	187,221	-16.7
% change		-22.6	2.1	11.0	13.8	-16.7	
NITROGEN							
April	13,120	10,505	12,268	10,664	13,543	16,663	23.0
May	10,774	15,436	9,804	13,883	7,195	11,720	62.9
June	13,396	19,508	11,004	9,777	19,123	12,042	-37.0
July	23,002	8,439	8,609	11,293	14,714	10,300	-30.0
August	19,216	9,793	10,223	14,439	17,520	12,071	-31.1
September	6,796	5,305	9,993	10,861	13,545	9,826	-27.5
Total Kharif	86,304	68,986	61,901	70,917	85,640	72,621	-15.2
% change		-20.1	-10.3	14.6	20.8	-15.2	
October	13,627	10,234	13,507	6,287	12,679	12,428	-2.0
November	19,327	14,680	7,330	12,700	17,298	12,988	-24.9
December	13,886	9,864	12,765	21,076	16,578	11,050	-33.3
January	8,741	10,161	12,888	9,634	11,384	11,183	-1.8
February	10,155	10,231	10,552	12,979	13,852	15,595	12.6
March	12,384	13,190	13,590	11,572	15,281	12,254	-19.8
Total Rabi	78,120	68,360	70,632	74,248	87,070	75,499	-13.3
% change		-12.5	3.3	5.1	17.3	-13.3	
April	10,505	12,268	10,664	13,543	16,663	9,735	-41.6
May	15,436	9,804	13,883	7,195	11,720	9,430	-19.5
June	19,508	11,004	9,777	19,123	12,042	21,344	77.3
FY Total	172,583	124,973	133,781	150,702	173,273	148,204	-14.5
% change		-27.6	7.0	12.6	15.0	-14.5	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PHOSPHATE							
April	4,718	2,533	1,405	2,799	2,851	1,429	-49.9
May	3,369	2,639	1,015	3,494	1,541	3,352	117.5
June	1,167	1,876	3,264	2,197	5,432	1,224	-77.5
July	2,789	2,029	4,999	4,061	4,023	1,977	-50.9
August	2,494	1,582	1,155	3,225	6,414	3,692	-42.4
September	4,776	8,017	4,747	3,837	5,957	3,553	-40.4
Total Kharif	19,313	18,676	16,585	19,613	26,218	15,227	-41.9
% change		-3.3	-11.2	18.3	33.7	-41.9	
October	9,729	8,526	9,327	6,735	4,952	8,011	61.8
November	9,817	8,483	4,225	5,670	7,509	4,486	-40.3
December	4,398	2,588	2,220	1,225	2,720	1,825	-32.9
January	1,667	2,028	1,862	1,409	1,884	1,526	-19.0
February	3,411	2,592	1,933	2,929	2,903	1,842	-36.6
March	3,973	5,067	1,625	4,983	5,416	3,707	-31.6
Total Rabi	32,995	29,284	21,192	22,951	25,384	21,396	-15.7
% change		-11.2	-27.6	8.3	10.6	-15.7	
April	2,533	1,405	2,799	2,851	1,429	1,378	-3.5
May	2,639	1,015	3,494	1,541	3,352	1,729	-48.4
June	1,876	3,264	2,197	5,432	1,224	3,181	159.9
FY Total	50,102	46,596	40,583	43,898	47,783	36,907	-22.8
% change		-7.0	-12.9	8.2	8.9	-22.8	
POTASH							
April	95	196	295	222	125	29	-76.5
May	41	194	102	56	31	129	312.7
June	39	31	39	84	198	68	-65.3
July	53	48	247	103	98	65	-33.3
August	189	92	317	302	232	443	91.1
September	154	312	338	442	588	129	-78.1
Total Kharif	571	873	1,338	1,209	1,271	864	-32.0
% change		52.9	53.3	-9.6	5.1	-32.0	
October	51	124	322	74	229	169	-26.5
November	173	190	101	93	273	212	-22.4
December	96	19	132	167	127	101	-20.5
January	226	260	293	86	239	143	-40.1
February	348	278	432	778	290	652	125.1
March	709	975	1,047	459	1,307	72	-94.5
Total Rabi	1,603	1,846	2,327	1,657	2,465	1,348	-45.3
% change		15.2	26.1	-28.8	48.8	-45.3	
April	196	295	222	125	29	37	25.1
May	194	102	56	31	129	45	-64.9
June	31	39	84	198	68	43	-37.7
FY Total	2,420	2,734	3,591	2,858	3,609	2,110	-41.5
% change		13.0	31.3	-20.4	26.3	-41.5	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF
2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
BALUCHISTAN							
TOTAL							
April	9,140	7,208	7,868	10,553	8,836	8,673	-1.8
May	8,635	8,210	9,964	14,587	7,189	18,070	151.3
June	7,843	12,661	11,921	14,167	35,187	17,069	-51.5
July	14,970	20,426	12,480	13,770	24,483	22,708	-7.2
August	10,571	14,114	7,382	12,842	24,805	23,200	-6.5
September	7,586	11,674	10,760	12,423	10,761	14,115	31.2
Total Kharif	58,745	74,293	60,375	78,342	111,262	103,835	-6.7
% change		26.5	-18.7	29.8	42.0	-6.7	
October	9,940	14,002	12,823	15,436	12,035	14,252	18.4
November	13,913	17,406	13,377	19,614	12,125	9,723	-19.8
December	17,843	11,870	16,920	33,612	15,880	7,246	-54.4
January	13,414	9,852	7,602	10,811	14,066	7,440	-47.1
February	7,699	8,642	10,024	14,306	9,622	7,348	-23.6
March	7,011	8,995	9,537	9,409	12,680	10,569	-16.6
Total Rabi	69,820	70,767	70,283	103,188	76,408	56,578	-26.0
% change		1.4	-0.7	46.8	-26.0	-26.0	
April	7,208	7,868	10,553	8,836	8,673	11,838	36.5
May	8,210	9,964	14,587	7,189	18,070	7,081	-60.8
June	12,661	11,921	14,167	35,187	17,069	12,052	-29.4
FY Total	131,026	146,734	140,212	193,435	180,269	147,572	-18.1
% change		12.0	-4.4	38.0	-6.8	-18.1	
NITROGEN							
April	4,496	4,731	5,980	6,688	6,710	7,445	11.0
May	4,578	6,142	8,470	10,372	5,017	15,400	207.0
June	7,371	10,665	9,623	10,950	27,503	15,881	-42.3
July	11,168	10,208	8,055	10,259	17,298	19,803	14.5
August	7,543	11,723	5,704	9,351	19,079	19,637	2.9
September	3,952	5,628	8,109	7,989	6,321	10,824	71.2
Total Kharif	39,108	49,097	45,941	55,609	81,928	88,990	8.6
% change		25.5	-6.4	21.0	47.3	8.6	
October	5,120	8,366	7,831	8,345	6,196	7,655	23.5
November	8,912	11,649	8,764	10,593	9,073	7,012	-22.7
December	15,480	9,276	11,687	27,398	12,212	6,371	-47.8
January	11,003	8,759	5,963	8,522	12,125	6,144	-49.3
February	6,200	7,108	8,273	12,256	8,240	6,443	-21.8
March	5,025	7,083	8,015	7,851	11,015	9,082	-17.6
Total Rabi	51,740	52,241	50,533	74,965	58,862	42,708	-27.4
% change		1.0	-3.3	48.3	-21.5	-27.4	
April	4,731	5,980	6,688	6,710	7,445	9,263	24.4
May	6,142	8,470	10,372	5,017	15,400	5,390	-65.0
June	10,665	9,623	10,950	27,503	15,881	9,168	-42.3
FY Total	95,941	103,873	100,411	141,794	140,287	116,792	-16.7
% change		8.3	-3.3	41.2	-1.1	-16.7	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PHOSPHATE							
April	4,533	2,285	1,776	3,776	2,007	1,145	-43.0
May	3,965	1,933	1,347	4,157	2,089	2,566	22.8
June	399	1,938	2,243	3,156	7,359	1,115	-84.8
July	3,748	10,196	4,263	3,448	7,104	2,827	-60.2
August	2,965	2,274	1,601	3,374	5,600	3,360	-40.0
September	3,547	5,763	2,191	4,274	4,084	3,137	-23.2
Total Kharif	19,157	24,389	13,421	22,185	28,243	14,151	-49.9
% change		27.3	-45.0	65.3	27.3	-49.9	
October	4,683	5,429	4,788	6,951	5,533	6,345	14.7
November	4,918	5,638	4,474	8,926	2,979	2,586	-13.2
December	2,311	2,510	5,091	6,065	3,420	829	-75.8
January	2,316	981	1,517	2,216	1,806	1,266	-29.9
February	1,282	1,230	1,581	1,767	1,263	802	-36.5
March	1,791	1,751	1,380	1,410	1,458	1,327	-9.0
Total Rabi	17,301	17,539	18,831	27,335	16,459	13,155	-20.1
% change		1.4	7.4	45.2	-39.8	-20.1	
April	2,285	1,776	3,776	2,007	1,145	2,545	122.3
May	1,933	1,347	4,157	2,089	2,566	1,538	-40.1
June	1,938	2,243	3,156	7,359	1,115	2,848	155.4
FY Total	33,717	41,138	37,975	49,886	38,073	29,410	-22.8
% change		22.0	-7.7	31.4	-23.7	-22.8	
POTASH							
April	111	193	112	89	119	83	-30.5
May	94	135	148	59	83	103	23.4
June	74	58	55	62	325	73	-77.7
July	55	22	162	63	82	78	-4.2
August	64	117	78	118	126	203	61.4
September	87	283	461	160	355	153	-56.8
Total Kharif	485	808	1,016	551	1,090	694	-36.4
% change		66.6	25.7	-45.8	97.9	-36.4	
October	138	206	204	141	305	252	-17.4
November	84	119	139	94	73	125	71.9
December	52	83	142	149	248	46	-81.6
January	95	112	123	73	134	29	-78.3
February	217	304	170	282	119	103	-13.6
March	196	161	142	148	206	160	-22.4
Total Rabi	782	985	920	887	1,086	715	-34.2
% change		26.0	-6.6	-3.6	22.5	-34.2	
April	193	112	89	119	83	30	-63.5
May	135	148	59	83	103	154	49.1
June	58	55	62	325	73	36	-49.7
FY Total	1,374	1,722	1,831	1,755	1,908	1,370	-28.2
% change		25.3	6.3	-4.2	8.7	-28.2	

MONTH-WISE PRODUCT-WISE OFFTAKE DURING 2020-21 AND 2021-22

(2020-21)

(Tonnes)

PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	TOTAL
PRODUCT TONNES														
UREA	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	0
UREA	FFC	143,235	340,282	212,962	191,232	249,423	398,137	221,235	203,542	219,697	163,501	241,203	300,869	2,885,318
UREA	DHCL	-	-	-	-	-	-	-	-	-	-	-	-	0
UREA	PAK-ARAB	2,778	2,791	65	-	15	-	-	-	-	311	3	5,594	11,557
UREA	EFERT	333,810	161,818	122,157	157,676	183,925	228,814	347,978	160,093	94,076	109,810	199,904	255,928	2,355,989
UREA	Agri Tech Limited (PAFL)	65	18,045	12,840	13,586	25,510	53,721	2,645	712	1,975	10,119	12,537	28,891	180,646
UREA	Fatima Fertilizer Company	94,997	50,354	44,791	50,641	74,211	199,952	76,681	41,856	27,298	25,503	47,841	98,956	833,081
UREA	TOTAL	574,885	573,290	392,815	413,135	533,084	880,624	648,539	406,203	343,046	309,245	501,488	690,238	6,266,590
NP	Imported	-	-	112	-	67	-	-	-	-	-	-	-	179
NP	PAK-ARAB	26,301	19,796	2,066	1,821	2,046	1,698	74	4	-	11,855	10,819	11,294	87,773
NP	EFERT	3,611	8,909	8,040	7,528	9,067	10,935	6,765	2,423	2,955	1,927	61	6,122	68,343
NP	Fatima Fertilizer Company	58,208	45,445	43,503	48,997	75,492	58,775	86,935	68,357	9,143	83,610	27,604	24,109	630,178
NP	TOTAL	88,120	74,150	53,721	58,346	86,672	71,408	93,774	70,784	12,098	97,392	38,484	41,525	786,474
SSP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	LCFL	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	Agritech Limited (PAFL)	10,370	3,555	3,895	8,926	7,458	1,406	3,548	3,945	2,553	1,310	5,553	7,015	59,534
SSP	Suraj Fertilizer	-	-	2,872	3,667	2,772	463	4,328	5,216	2,239	1,641	3,032	1,966	28,196
SSP	Safi Chemicals	-	5	150	277	154	-	-	-	-	-	200	600	1,386
SSP	TOTAL	10,370	3,560	6,917	12,870	10,384	1,869	7,876	9,161	4,792	2,951	8,785	9,581	89,116
DAP	IMPORTED	146,339	186,252	133,429	99,424	198,708	127,252	66,651	51,755	81,377	24,256	104,378	45,107	1,264,928
DAP	FFC-SONA	104,633	108,760	95,050	129,950	158,092	78,531	16,870	37,385	62,383	21,913	68,855	23,073	905,495
DAP	TOTAL	250,972	295,012	228,479	229,374	356,800	205,783	83,521	89,140	143,760	46,169	173,233	68,180	2,170,423
CAN	PAK-ARAB	31,675	29,514	2,280	1,061	3,206	447	271	62	35	12,204	28,947	41,474	151,175
CAN	Fatima Fertilizer Company	54,489	59,225	29,211	32,416	44,216	74,707	108,604	82,046	55,518	57,849	51,115	51,010	700,406
CAN	TOTAL	86,164	88,739	31,491	33,477	47,422	75,154	108,875	82,108	55,553	70,052	80,062	92,484	851,581
TSP	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	-
SOP	Pacific	823	267	1,941	1,382	1,150	961	1,752	938	970	995	770	920	12,869
SOP	IMPORTED	3,358	3,316	7,725	4,334	3,413	3,036	2,231	1,787	3,121	4,188	2,546	3,385	42,439
SOP	TOTAL	4,181	3,583	9,666	5,716	4,563	3,997	3,983	2,725	4,091	5,183	3,316	4,305	55,308
MAP	IMPORTED	3,483	19,680	893	113	58	43	1	130	7,897	953	708	182	34,140
MOP	IMPORTED	2,528	2,960	7,108	5,633	3,180	2,123	3,383	4,022	3,164	3,063	1,699	2,254	41,115
NPKs	EFERT	5,457	6,596	18,871	10,315	3,694	2,978	6,483	11,064	16,480	2,281	3,683	3,684	91,586
NPKs	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
AS	IMPORTED	9,222	5,542	7,984	4,797	8,685	15,477	14,512	4,811	5,014	10,254	6,542	7,696	100,537
AS	IMPORTED	9,222	5,542	7,984	4,797	8,685	15,477	14,512	4,811	5,014	10,254	6,542	7,696	100,537
GRAND TOTAL		1,035,382	1,073,111	757,946	773,775	1,054,541	1,259,456	970,947	680,148	595,895	547,542	818,000	920,128	10,486,869

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MONTH-WISE PRODUCT-WISE OFFTAKE DURING 2020-21 AND 2021-22

(2021-22)

														(Tonnes)
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	TOTAL
PRODUCT TONNES														
UREA	IMPORTED	-	-	-	-	-	-	-	-	-	-	265	14,149	14,414
UREA	FFC	286,501	316,522	249,355	247,649	264,263	263,909	258,297	251,632	237,990	215,626	216,778	354,921	3,163,443
UREA	DHCL	-	-	-	-	-	-	-	-	-	-	-	-	0
UREA	PAK-ARAB	4,137	6,608	14,576	5,965	5,223	10,477	10,528	9,674	10,926	6,543	4,676	10,971	100,304
UREA	EFERT	239,691	202,766	134,126	161,488	200,963	189,435	208,732	169,755	170,565	157,176	151,031	240,304	2,226,032
UREA	Agri Tech Limited (PAFL)	17,416	37,759	10,754	25,760	33,770	47,275	30,560	30,295	26,585	21,079	16,976	29,348	327,576
UREA	Fatima Fertilizer Company	73,986	84,859	78,339	73,027	69,816	87,636	89,677	65,487	62,672	58,528	27,794	87,277	859,097
UREA	TOTAL	621,731	648,513	487,149	513,890	574,034	598,732	597,794	526,843	508,738	458,952	417,521	736,970	6,690,865
NP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
NP	PAK-ARAB	26,891	31,056	20,116	32,518	22,719	15,199	9,581	31,873	12,959	25,488	32,628	24,925	285,953
NP	EFERT	2,972	4,631	1,560	5,855	7,378	2,627	11,306	4,009	2,435	5,042	7,739	5,738	61,292
NP	Fatima Fertilizer Company	40,384	50,740	39,937	81,297	57,895	47,368	27,523	28,948	20,638	41,403	28,719	25,631	490,482
NP	TOTAL	70,247	86,427	61,614	119,670	87,992	65,194	48,409	64,830	36,032	71,933	69,086	56,294	837,727
SSP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	LCFL	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	Agri Tech Limited (PAFL)	8,218	7,731	5,451	16,333	12,531	5,965	2,013	2,004	2,348	3,573	4,886	5,722	76,774
SSP	Suraj Fertilizer	2,305	1,724	2,364	10,225	4,231	422	17	1,131	759	625	1,423	1,471	26,699
SSP	Safi Chemicals	400	500	400	650	800	400	190	80	70	80	120	40	3,730
SSP	TOTAL	10,923	9,955	8,215	27,208	17,562	6,787	2,220	3,215	3,177	4,278	6,429	7,232	107,202
DAP	IMPORTED	100,601	93,501	122,708	224,693	139,320	39,245	50,822	40,520	41,933	59,766	39,459	39,174	991,742
DAP	FFC-SONA	92,817	93,031	98,424	117,594	80,551	77,300	62,001	14,841	37,708	35,465	54,924	106,326	870,982
DAP	TOTAL	193,418	186,532	221,132	342,287	219,871	116,545	112,823	55,361	79,641	95,231	94,383	145,500	1,862,724
CAN	PAK-ARAB	27,105	29,995	13,309	39,861	37,644	37,414	29,413	28,339	29,311	30,248	27,228	27,828	357,694
CAN	Fatima Fertilizer Company	44,363	49,503	19,424	66,495	14,713	39,527	46,599	41,598	39,396	27,155	24,163	49,326	462,260
CAN	TOTAL	71,467	79,499	32,733	106,356	52,356	76,941	76,012	69,937	68,706	57,402	51,391	77,154	819,953
TSP	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	0
SOP	Pacific	243	-	835	1,078	765	1,957	1,618	665	747	589	558	870	9,924
SOP	IMPORTED	5,398	6,611	4,334	5,450	3,282	2,298	1,739	1,608	572	284	587	461	32,623
SOP	TOTAL	5,641	6,611	5,169	6,528	4,047	4,255	3,357	2,273	1,318	873	1,144	1,330	42,547
MAP	IMPORTED	128	1,137	5,141	7,725	1,548	197	2,814	804	597	465	2,202	380	23,136
MOP	IMPORTED	5,008	9,452	3,549	7,095	7,368	4,370	5,603	2,575	4,152	2,703	2,192	2,306	56,373
NPKs	EFERT	6,581	9,897	14,393	13,946	6,127	1,883	5,681	8,417	7,791	3,700	4,514	5,197	88,127
NPKs	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	0
AS	IMPORTED	2,726	3,092	3,342	2,447	2,964	3,259	4,815	886	2,163	860	2,722	3,291	32,568
AS	IMPORTED	2,726	3,092	3,342	2,447	2,964	3,259	4,815	886	2,163	860	2,722	3,291	32,568
GRAND TOTAL		987,870	1,041,115	842,435	1,147,153	973,869	878,163	859,528	735,140	712,315	696,396	651,584	1,035,654	10,561,222

MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS (UREA & DAP) DUIRNGKHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PAKISTAN							
UREA							
April	213,012	249,865	375,459	292,425	242,348	309,245	27.6
May	250,623	520,902	493,808	592,525	239,634	501,488	109.3
June	590,385	1,059,648	608,109	642,577	1,164,925	690,238	-40.7
July	777,875	339,002	496,634	465,496	574,885	621,731	8.1
August	573,701	884,858	430,696	625,424	573,290	648,513	13.1
September	297,856	179,813	482,417	405,306	392,815	487,149	24.0
Total Kharif	2,703,452	3,234,088	2,887,123	3,023,753	3,187,897	3,258,363	2.2
% change		19.6	-10.7	4.7	5.4	2.2	
October	360,173	375,386	465,071	121,359	413,135	513,890	24.4
November	764,119	601,671	496,923	380,729	533,084	574,034	7.7
December	897,552	715,685	710,890	1,345,359	880,624	598,732	-32.0
January	406,265	539,216	563,652	261,747	648,539	597,794	-7.8
February	257,117	370,014	388,197	460,447	406,203	526,843	29.7
March	206,831	342,093	408,461	302,500	343,046	508,738	48.3
Total Rabi	2,892,057	2,944,065	3,033,194	2,872,141	3,224,630	3,320,031	3.0
% change		1.8	3.0	-5.3	12.3	3.0	
April	249,865	375,459	292,425	242,348	309,245	458,952	48.4
May	520,902	493,808	592,525	239,634	501,488	417,521	-16.7
June	1,059,648	608,109	642,577	1,164,925	690,238	736,970	6.8
FY Total	6,371,904	5,825,114	5,970,468	6,015,274	6,266,590	6,690,866	6.8
% change		-8.6	2.5	0.8	4.2	6.8	
DAP							
April	104,833	95,697	68,800	86,170	150,721	46,169	-69.4
May	106,292	70,716	62,513	213,024	60,857	173,233	184.7
June	42,892	111,754	189,898	157,743	175,949	68,180	-61.3
July	199,259	283,116	301,790	202,033	250,972	193,418	-22.9
August	134,423	77,767	79,067	105,295	295,012	186,532	-36.8
September	109,144	353,626	198,945	209,871	228,479	221,132	-3.2
Total Kharif	696,843	992,676	901,013	974,136	1,161,990	888,663	-23.5
% change		42.5	-9.2	8.1	19.3	-23.5	
October	501,085	387,095	521,251	270,917	229,374	342,287	49.2
November	631,435	501,796	264,586	404,219	356,800	219,871	-38.4
December	162,277	150,476	189,045	193,312	205,783	116,545	-43.4
January	61,111	92,209	74,621	43,724	83,521	112,823	35.1
February	97,636	122,431	48,533	87,562	89,140	55,361	-37.9
March	154,051	150,156	65,475	79,220	143,760	79,641	-44.6
Total Rabi	1,607,595	1,404,163	1,163,511	1,078,954	1,108,379	926,528	-16.4
% change		-12.7	-17.1	-7.3	2.7	-16.4	
April	95,697	68,800	86,170	150,721	46,169	95,231	106.3
May	70,716	62,513	213,024	60,857	173,233	94,383	-45.5
June	111,754	189,898	157,743	175,949	68,180	145,499	113.4
FY Total	2,328,588	2,439,883	2,200,250	1,983,680	2,170,423	1,862,723	-14.2
% change		4.8	-9.8	-9.8	9.4	-14.2	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS (UREA &DAP) DUIRNGKHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
PUNJAB							
UREA							
April	127727	166078	258152	197975	159520	206,138	29.2
May	148,173	356,255	301,045	399,861	158,770	355,961	124.2
June	394,465	729,309	403,817	423,733	738,772	472,932	-36.0
July	447,907	202,927	328,517	309,388	389,980	398,533	2.2
August	370,601	598,953	308,046	428,184	397,842	422,571	6.2
September	204,483	119,861	271,512	299,846	298,026	309,116	3.7
Total Kharif	1,693,356	2,173,383	1,871,089	2,058,987	2,142,910	2,165,250	1.0
% change		28.3	-13.9	10.0	4.1	1.0	
October	239911	224845	318097	74133	283,812	355,845	25.4
November	528,850	394,501	357,794	252,291	349,834	397,781	13.7
December	630,370	524,440	463,594	875,921	585,190	443,231	-24.3
January	264,415	357,302	393,162	166,952	432,938	444,906	2.8
February	158,625	262,125	260,365	302,990	303,450	353,806	16.6
March	135,723	260,446	298,227	224,754	258,412	354,447	37.2
Total Rabi	1,957,894	2,023,659	2,091,239	1,897,041	2,213,636	2,350,017	6.2
% change		3.4	3.3	-9.3	16.7	6.2	
April	166078	258152	197975	159520	206,138	320,288	55.4
May	356,255	301,045	399,861	158,770	355,961	275,238	-22.7
June	729,309	403,817	423,733	738,772	472,932	488,989	3.4
FY Total	4,232,527	3,908,414	4,020,883	3,991,521	4,334,513	4,564,751	5.3
% change		-7.7	2.9	-0.7	8.6	5.3	
DAP							
April	60,599	64,240	44,195	55,403	103,408	36,807	-64.4
May	53,736	46,863	43,691	135,635	39,170	130,089	232.1
June	33,164	86,124	142,447	116,870	115,617	54,681	-52.7
July	133,609	178,063	222,575	157,163	163,678	148,201	-9.5
August	101,004	52,548	52,093	71,104	211,057	142,026	-32.7
September	71,383	279,420	151,691	155,557	161,705	165,252	2.2
Total Kharif	453,495	707,258	656,692	691,732	794,636	677,056	-14.8
% change		56.0	-7.1	5.3	14.9	-14.8	
October	384,802	286,494	370,771	196,919	151,848	245,155	61.4
November	486,493	363,911	189,575	271,446	267,645	172,197	-35.7
December	123,569	111,108	135,689	129,255	162,919	88,350	-45.8
January	48,874	72,494	47,274	32,038	65,667	80,564	22.7
February	68,675	96,190	34,302	67,138	69,194	42,987	-37.9
March	107,220	108,465	51,083	56,425	100,444	52,625	-47.6
Total Rabi	1,219,633	1,038,662	828,694	753,221	817,717	681,878	-16.6
% change		-14.8	-20.2	-9.1	8.6	-16.6	
April	64,240	44,195	55,403	103,408	36,807	63,676	73.0
May	46,863	43,691	135,635	39,170	130,089	69,671	-46.4
June	86,124	142,447	116,870	115,617	54,681	98,184	79.6
FY Total	1,722,856	1,779,026	1,562,961	1,395,240	1,575,734	1,368,889	-13.1
% change		3.3	-12.1	-10.7	12.9	-13.1	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA &DAP)DUIRNGKHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
SINDH							
UREA							
April	56,778	56,349	81,396	64,728	45,048	54,740	21.5
May	77,770	122,735	155,726	148,501	58,607	92,889	58.5
June	153,098	269,302	164,542	178,950	338,954	159,900	-52.8
July	262,996	106,516	140,360	117,817	127,098	162,964	28.2
August	150,771	243,184	91,141	152,391	108,057	164,606	52.3
September	78,327	49,085	177,817	72,164	62,600	139,749	123.2
Total Kharif	779,740	847,171	810,982	734,551	740,364	774,847	4.7
% change		8.6	-4.3	-9.4	0.8	4.7	
October	93,987	123,954	113,587	29,195	99,330	129,262	30.1
November	187,881	162,266	112,123	91,727	136,482	140,519	3.0
December	210,933	154,436	201,360	371,327	239,332	121,224	-49.3
January	103,939	144,230	133,447	59,448	170,179	118,937	-30.1
February	68,615	74,313	90,702	108,160	60,034	128,565	114.2
March	39,863	44,557	67,455	45,962	37,558	116,727	210.8
Total Rabi	705,218	703,756	718,674	705,819	742,915	755,234	1.7
% change		-0.2	2.1	-1.8	5.3	1.7	
April	56,349	81,396	64,728	45,048	54,740	103,638	89.3
May	122,735	155,726	148,501	58,607	92,889	114,151	22.9
June	269,302	164,542	178,950	338,954	159,900	189,165	18.3
FY Total	1,645,698	1,504,205	1,520,171	1,490,800	1,348,199	1,629,505	20.9
% change		-8.6	1.1	-1.9	-9.6	20.9	
DAP							
April	26,508	23,620	19,967	19,969	39,913	5,869	-85.3
May	40,337	15,867	14,897	63,600	16,294	31,990	96.3
June	8,320	19,990	36,537	29,911	34,958	10,059	-71.2
July	54,825	80,013	60,346	32,014	67,085	36,130	-46.1
August	23,720	18,182	22,421	21,864	61,617	31,636	-48.7
September	22,845	46,572	33,093	38,613	48,844	42,767	-12.4
Total Kharif	176,555	204,244	187,261	205,971	268,711	158,451	-41.0
% change		15.7	-8.3	10.0	30.5	-41.0	
October	89,943	74,414	122,406	47,697	58,449	71,013	21.5
November	118,020	110,287	57,594	104,065	69,235	35,685	-48.5
December	27,875	29,477	39,348	49,736	31,343	24,931	-20.5
January	6,425	14,962	21,658	5,480	14,750	28,570	93.7
February	21,566	20,237	8,493	14,383	14,304	9,966	-30.3
March	37,381	29,718	11,223	17,218	36,936	23,782	-35.6
Total Rabi	301,210	279,095	260,722	238,579	225,018	193,948	-13.8
% change		-7.3	-6.6	-8.5	-5.7	-13.8	
April	23,620	19,967	19,969	39,913	5,869	27,512	368.7
May	15,867	14,897	63,600	16,294	31,990	20,014	-37.4
June	19,990	36,537	29,911	34,958	10,059	38,520	282.9
FY Total	462,077	495,263	490,062	422,235	450,482	390,527	-13.3
% change		7.2	-1.1	-13.8	6.7	-13.3	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA &DAP)DUIRNGKHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
KP							
UREA							
April	23,619	19,853	24,913	19,287	25,861	33,832	30.8
May	19,648	30,816	20,150	26,307	13,648	21,964	60.9
June	27,805	40,065	21,161	18,999	35,364	24,651	-30.3
July	47,101	16,534	14,222	20,105	27,082	20,334	-24.9
August	38,797	19,544	20,989	27,862	31,494	22,434	-28.8
September	9,814	4,095	17,548	19,831	22,534	17,657	-21.6
Total Kharif	166,784	130,907	118,983	132,391	155,983	140,871	-9.7
% change		-21.5	-9.1	11.3	17.8	-9.7	
October	19,860	13,750	21,004	6,637	22,418	19,262	-14.1
November	32,895	24,674	12,126	21,983	30,196	23,241	-23.0
December	25,935	19,234	25,436	44,430	33,291	21,536	-35.3
January	17,252	19,901	25,788	19,405	21,822	22,580	3.5
February	18,382	19,717	20,879	25,102	26,587	31,531	18.6
March	22,351	23,430	27,039	21,501	29,717	24,908	-16.2
Total Rabi	136,675	120,706	132,272	139,058	164,030	143,058	-12.8
% change		-11.7	9.6	5.1	18.0	-12.8	
April	19,853	24,913	19,287	25,861	33,832	19,297	-43.0
May	30,816	20,150	26,307	13,648	21,964	18,545	-15.6
June	40,065	21,161	18,999	35,364	24,651	43,225	75.4
FY Total	323,121	227,103	249,624	281,729	325,587	284,549	-12.6
% change		-29.7	9.9	12.9	15.6	-12.6	
DAP							
April	8,735	4,045	1,694	3,829	4,464	2,042	-54.3
May	5,416	4,619	1,584	6,480	1,860	6,442	246.3
June	1,361	2,253	6,657	4,435	10,523	2,205	-79.0
July	4,345	3,683	10,381	7,513	6,678	3,954	-40.8
August	3,684	2,669	2,012	5,791	12,665	7,229	-42.9
September	7,761	16,066	9,929	6,795	10,115	6,796	-32.8
Total Kharif	31,302	33,335	32,257	34,843	46,304	28,668	-38.1
% change		6.5	-3.2	8.0	32.9	-38.1	
October	17,400	15,686	18,744	12537	9,125	15,507	69.9
November	17,237	15,840	8,335	10,723	14,595	7,482	-48.7
December	7,441	5,185	3,880	2,387	5,538	2,178	-60.7
January	2,952	3,331	3,070	2,645	1,280	2,407	88.1
February	5,792	4,379	3,002	3,884	4,218	1,387	-67.1
March	6,453	8,892	1,078	3,677	4,176	2,199	-47.3
Total Rabi	57,275	53,313	38,109	35,853	38,932	31,159	-20.0
% change		-6.9	-28.5	-5.9	8.6	-20.0	
April	4,045	1,694	3,829	4,464	2,042	1,753	-14.2
May	4,619	1,584	6,480	1,860	6,442	2,671	-58.5
June	2,253	6,657	4,435	10,523	2,205	5,366	143.4
FY Total	83,982	85,666	75,175	72,799	79,078	58,927	-25.5
% change		2.0	-12.2	-3.2	8.6	-25.5	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA &DAP)DUIRNGKHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22 COMPARED
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	Kharif 2016 Rabi 2016-17 FY 2016-17	Kharif 2017 Rabi 2017-18 FY 2017-18	Kharif 2018 Rabi 2018-19 FY 2018-19	Kharif 2019 Rabi 2019-20 FY 2019-20	Kharif 2020 Rabi 2020-21 FY 2020-21	Kharif 2021 Rabi 2021-22 FY 2021-22	Percent change in Kharif 2021, Rabi 2021-22 and Fiscal Year 2021-22 over previous months/seasons/years
BALUCHISTAN							
UREA							
April	4,888	7,585	10,933	10,430	11,919	14,535	21.9
May	5,032	11,096	16,887	17,781	8,609	30,674	256.3
June	15,017	20,972	18,589	20,895	51,835	32,756	-36.8
July	19,871	13,025	13,535	18,064	30,725	39,900	29.9
August	13,532	23,177	10,520	16,960	35,897	38,902	8.4
September	5,232	6,772	15,540	13,465	9,655	20,627	113.6
Total Kharif	63,572	82,627	86,004	97,595	148,640	177,395	19.3
% change		30.0	4.1	13.5	52.3	19.3	
October	6415	12837	12383	11394	7,575	9,483	25.2
November	14,493	20,230	14,880	14,728	16,573	12,494	-24.6
December	30,314	17,575	20,500	53,681	22,811	12,741	-44.1
January	20,659	17,771	11,250	15,942	23,600	11,370	-51.8
February	11,495	13,859	16,183	24,195	16,132	12,941	-19.8
March	8,894	13,510	15,706	10,283	17,359	12,656	-27.1
Total Rabi	92,270	95,782	90,902	130,223	104,050	71,685	-31.1
% change		3.8	-5.1	43.3	-20.1	-31.1	
April	7,585	10,933	10,430	11,919	14,535	15,730	8.2
May	11,096	16,887	17,781	8,609	30,674	9,587	-68.7
June	20,972	18,589	20,895	51,835	32,756	15,591	-52.4
FY Total	170,558	185,165	179,603	251,075	258,292	212,022	-17.9
% change		8.6	-3.0	39.8	2.9	-17.9	
DAP							
April	8,991	3,793	2,943	6,967	2,935	1,450	-50.6
May	6,803	3,346	2,340	7,304	3,533	4,712	33.4
June	47	3,382	4,257	6,527	14,851	1,235	-91.7
July	6481	21356	8,488	5,343	13,532	5,133	-62.1
August	6016	4368	2,541	6,536	9,673	5,641	-41.7
September	7,155	11,568	4,232	8,906	7,816	6,317	-19.2
Total Kharif	35,493	47,813	24,801	41,583	52,339	24,488	-53.2
% change		34.7	-48.1	67.7	25.9	-53.2	
October	8,940	10,496	9,330	13764	9,951	10,613	6.6
November	9,686	11,758	9,084	17,985	5,325	4,506	-15.4
December	3,392	4,706	10,128	11,934	5,983	1,086	-81.8
January	2,861	1,422	2,620	3,560	1,824	1,282	-29.7
February	1,604	1,626	2,737	2,157	1,424	1,021	-28.3
March	2,997	3,080	2,086	1,900	2,204	1,035	-53.0
Total Rabi	29,480	33,088	35,985	51,300	26,712	19,543	-26.8
% change		12.2	8.8	42.6	-47.9	-26.8	
April	3,793	2,943	6,967	2,935	1,450	2,289	57.9
May	3,346	2,340	7,304	3,533	4,712	2,028	-57.0
June	3,382	4,257	6,527	14,851	1,235	3,429	177.8
FY Total	59,653	79,920	72,044	93,404	65,128	44,380	-31.9
% change		34.0	-9.9	29.6	-30.3	-31.9	

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
PUNJAB												
Kharif 2021												
April	206,138	36,807	71,571	44,219	2,636	-	4,570	650	2,928	8,449	810	378,776
May	355,961	130,089	25,286	50,599	7,832	-	2,838	373	1,552	5,587	1,878	581,995
June	472,932	54,681	28,513	79,003	8,415	-	3,638	95	2,226	6,089	2,136	657,727
July	398,533	148,201	50,684	56,419	9,052	-	4,889	62	4,977	2,056	4,322	679,196
Aug	422,571	142,026	54,863	61,124	8,319	-	4,863	753	8,493	2,508	6,236	711,756
Sep	309,116	165,252	50,547	27,206	7,995	-	4,645	3,782	2,899	2,605	10,015	584,061
Total	2,165,250	677,056	281,465	318,569	44,248	-	25,442	5,715	23,075	27,294	25,397	3,593,511
Rabi 2021-22												
Oct	355,845	245,155	69,203	69,491	25,786	-	5,333	5,821	3,815	1,675	8,659	790,784
Nov	397,781	172,197	63,024	41,722	15,354	-	3,347	667	1,876	2,265	3,060	701,293
Dec	443,231	88,350	47,502	60,308	5,306	-	3,495	40	4,256	2,317	1,033	655,838
Jan	444,906	80,564	28,388	55,788	1,821	-	3,183	2,430	2,533	2,795	3,328	625,734
Feb	353,806	42,987	50,548	51,191	2,271	-	1,807	686	2,105	575	3,658	509,635
Mar	354,447	52,625	21,438	44,095	2,589	-	1,226	453	1,946	581	3,750	483,149
Total	2,350,017	681,878	280,103	322,596	53,127	-	18,390	10,097	16,532	10,207	23,487	3,766,433
April	320,288	63,676	37,398	34,318	3,618	-	748	281	1,737	576	2,257	464,897
May	275,238	69,671	50,490	23,740	5,194	-	874	1,690	1,592	1,745	3,399	433,633
Jun	488,989	98,184	39,643	58,247	5,006	-	1,208	256	779	2,757	3,626	698,695
Fiscal Year 2021-22	4,564,751	1,368,889	563,727	583,649	92,311	-	35,617	16,920	37,009	22,454	53,343	7,338,671

Continued....

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
SINDH												
Kharif 2021												
April	54,740	5,869	21,451	25,183	105	-	489	258	97	1,452	1,302	110,947
May	92,889	31,990	9,867	29,339	638	-	239	335	63	491	1,474	167,325
June	159,900	10,059	9,674	13,261	1,116	-	572	87	12	1,340	1,110	197,131
July	162,964	36,130	16,902	14,738	1,841	-	647	66	5	609	1,798	235,699
Aug	164,606	31,636	27,320	18,105	1,636	-	1,057	384	682	405	2,850	248,680
Sep	139,749	42,767	9,169	5,342	90	-	434	1,309	527	515	3,331	203,232
Total	774,847	158,451	94,383	105,967	5,426	-	3,438	2,439	1,385	4,812	11,865	1,163,013
Rabi 2021-22												
Oct	129,262	71,013	41,689	36,865	952	-	1,002	1,904	3,159	692	3,951	290,489
Nov	140,519	35,685	19,526	10,604	1,465	-	604	853	5,265	436	2,263	217,220
Dec	121,224	24,931	13,467	16,633	654	-	643	157	15	574	695	178,993
Jan	118,937	28,570	15,983	20,204	141	-	175	381	3,030	1,905	1,606	190,932
Feb	128,565	9,966	10,643	18,746	344	-	107	118	406	237	1,420	170,550
Mar	116,727	23,782	10,109	24,611	84	-	87	144	2,161	1,261	3,008	181,973
Total	755,234	193,948	111,418	127,663	3,640	-	2,617	3,556	14,036	5,104	12,942	1,230,157
April	103,638	27,512	25,051	23,084	195	-	124	174	961	139	1,074	181,953
May	114,151	20,014	14,282	27,651	395	-	154	483	481	782	740	179,132
Jun	189,165	38,520	8,405	18,907	796	-	122	124	1,527	470	1,158	259,194
Fiscal Year 2021-22	1,629,505	390,527	212,546	235,489	8,593	-	5,155	6,095	18,218	8,024	23,894	2,538,047

Continued....

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
KP												
Kharif 2021												
April	33,832	2,042	2,178	651	210	-	12	-	16	353	83	39,378
May	21,964	6,442	1,482	124	315	-	135	-	51	384	168	31,065
June	24,651	2,205	782	220	50	-	33	-	5	226	253	28,425
July	20,334	3,954	483	310	30	-	2	-	26	41	295	25,476
Aug	22,434	7,229	1,326	270	-	-	475	-	253	179	325	32,490
Sep	17,657	6,796	1,394	185	130	-	61	-	34	222	494	26,973
Total	140,871	28,668	7,645	1,760	735	-	718	-	385	1,405	1,618	183,806
Rabi 2021-22												
Oct	19,262	15,507	3,147	-	470	-	79	-	104	65	355	38,988
Nov	23,241	7,482	3,714	30	744	-	46	-	218	263	303	36,040
Dec	21,536	2,178	2,924	-	827	-	80	-	99	369	9	28,022
Jan	22,580	2,407	1,201	-	258	-	-	3	40	75	600	27,164
Feb	31,531	1,387	2,530	-	600	-	360	-	30	60	2,909	39,406
Mar	24,908	2,199	1,285	-	505	-	-	-	12	320	332	29,562
Total	143,058	31,159	14,802	30	3,404	-	565	3	503	1,152	4,508	199,182
April	19,297	1,753	2,221	-	465	-	1	-	-	145	213	24,095
May	18,545	2,671	1,707	-	840	-	-	-	60	179	48	24,050
Jun	43,225	5,366	2,085	-	1,430	-	-	-	-	53	220	52,379
Fiscal Year 2021-22	284,549	58,927	24,018	795	6,299	-	1,104	3	876	1,971	6,103	384,645

Continued....

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2021, RABI 2021-22 AND FISCAL YEAR 2021-22

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
BALUCHISTAN												
Kharif 2021												
April	14,535	1,450	2,192	-	-	-	112	45	22	-	86	18,442
May	30,674	4,712	1,849	-	-	-	104	-	33	80	163	37,615
June	32,756	1,235	2,556	-	-	-	62	-	11	41	185	36,846
July	39,900	5,133	2,177	-	-	-	103	-	-	20	166	47,499
Aug	38,902	5,641	2,919	-	-	-	216	-	24	1	486	48,190
Sep	20,627	6,317	503	-	-	-	29	50	89	-	553	28,168
Total	177,395	24,488	12,196	-	-	-	626	95	179	142	1,639	216,759
Rabi 2021-22												
Oct	9,483	10,613	5,533	-	-	-	114	-	16	15	982	26,755
Nov	12,494	4,506	1,728	-	-	-	50	28	10	-	501	19,317
Dec	12,741	1,086	1,301	-	-	-	37	-	-	-	146	15,311
Jan	11,370	1,282	2,837	20	-	-	-	-	-	40	148	15,697
Feb	12,941	1,021	1,109	-	-	-	-	-	34	15	430	15,549
Mar	12,656	1,035	3,199	-	-	-	5	-	33	1	702	17,631
Total	71,685	19,543	15,707	20	-	-	206	28	93	71	2,908	110,260
April	15,730	2,289	7,262	-	-	-	-	10	5	-	155	25,451
May	9,587	2,028	2,608	-	-	-	116	30	59	16	326	14,770
Jun	15,591	3,429	6,161	-	-	-	-	-	-	12	194	25,387
Fiscal Year 2021-22	212,022	44,380	37,337	20	-	-	670	118	270	120	4,788	299,725
PAKISTAN												
Kharif 2021	3,258,363	888,663	395,689	426,297	50,409	-	30,223	8,249	25,024	33,654	40,519	5,157,088
Rabi 2021-22	3,320,031	926,528	422,127	450,308	60,171	-	21,778	13,683	31,163	16,534	43,845	5,306,169
Fiscal Year 2021-22	6,690,866	1,862,723	837,727	819,954	107,202	-	42,546	23,136	56,373	32,569	88,128	10,561,224

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2021 TO JUNE 2022

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
APRIL 2021				
Opening Balance	224,144	90,643	4,935	319,721
Domestic production	302,854	51,566	2,207	356,627
Imports	15,080	24,297	8,219	47,596
Total Availability	542,078	166,506	15,361	723,945
Offtake	192,760	42,154	4,797	239,711
Export	-	-	-	-
Adjustments (+)	20,684	432	5	21,120
Adjustments (-)	25,173	5,741	1	30,915
National Inventory	344,829	119,043	10,567	474,439
MAY 2021				
Opening Balance	344,829	119,043	10,567	474,439
Domestic production	323,086	52,150	1,917	377,153
Imports	18,830	43,106	6,441	68,377
Total Availability	686,745	214,299	18,925	919,969
Offtake	292,992	90,088	3,363	386,443
Export	-	-	-	-
Adjustments (+)	23,089	420	73	23,582
Adjustments (-)	32,279	1,036	2	33,317
National Inventory	384,563	123,595	15,633	523,792
JUNE 2021				
Opening Balance	384,563	123,595	15,633	523,792
Domestic production	285,160	53,014	1,434	339,608
Imports	38,782	99,159	4,913	142,854
Total Availability	708,505	275,768	21,981	1,006,254
Offtake	364,996	42,223	4,195	411,414
Export	-	-	-	-
Adjustments (+)	18,707	239	110	19,056
Adjustments (-)	19,921	267	14	20,202
National Inventory	342,295	233,518	17,881	593,694

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2021 TO JUNE 2022

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
JULY 2021				
Opening Balance	342,295	233,518	17,881	593,694
Domestic production	285,005	52,393	1,047	338,445
Imports	30,180	77,071	10,343	117,593
Total Availability	657,480	362,982	29,271	1,049,733
Offtake	356,873	106,328	6,919	470,120
Export	-	-	-	-
Adjustments (+)	132	337	1	470
Adjustments (-)	298	414	1	713
National Inventory	300,441	256,578	22,352	579,370
AUGUST 2021				
Opening Balance	300,441	256,578	22,352	579,370
Domestic production	287,603	56,913	1,172	345,688
Imports	16,456	42,117	3,828	62,401
Total Availability	604,500	355,608	27,351	987,459
Offtake	374,301	110,005	10,632	494,938
Export	-	-	-	-
Adjustments (+)	2,990	7,638	1	10,629
Adjustments (-)	3,397	7,743	2	11,141
National Inventory	229,793	245,498	16,718	492,009
SEPTEMBER 2021				
Opening Balance	229,793	245,498	16,718	492,009
Domestic production	241,593	54,168	1,635	297,396
Imports	23,564	56,547	6,257	86,368
Total Availability	494,950	356,214	24,610	875,774
Offtake	289,326	122,914	7,161	419,402
Export	-	-	-	-
Adjustments (+)	2,705	2,245	3	4,954
Adjustments (-)	3,131	2,253	2	5,386
National Inventory	205,198	233,292	17,449	455,940

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2021 TO JUNE 2022

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
OCTOBER 2021				
Opening Balance	205,198	233,292	17,449	455,940
Domestic production	302,081	58,928	2,406	363,415
Imports	51,153	129,667	5,528	186,347
Total Availability	558,432	421,887	25,383	1,005,702
Offtake	355,984	196,907	10,079	562,970
Export	-	-	-	-
Adjustments (+)	24,446	9,007	1	33,454
Adjustments (-)	25,267	8,959	2	34,228
National Inventory	201,628	225,028	15,303	441,959
NOVEMBER 2021				
Opening Balance	201,628	225,028	15,303	441,959
Domestic production	281,638	48,990	1,852	332,479
Imports	6,412	18,539	13,773	38,724
Total Availability	489,678	292,557	30,927	813,161
Offtake	338,927	126,599	7,586	473,112
Export	-	-	-	-
Adjustments (+)	25,197	12,804	701	38,702
Adjustments (-)	25,041	12,089	1	37,131
National Inventory	150,907	166,673	24,041	341,620
DECEMBER 2021				
Opening Balance	150,907	166,673	24,041	341,620
Domestic production	302,754	49,497	1,149	353,400
Imports	-	-	1,175	1,175
Total Availability	453,660	216,170	26,365	696,195
Offtake	332,306	70,294	5,106	407,705
Export	-	-	-	-
Adjustments (+)	23,562	7,085	1,908	32,556
Adjustments (-)	21,855	4,282	225	26,361
National Inventory	123,062	148,679	22,943	294,684

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2021 TO JUNE 2022

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
JANUARY 2022				
Opening Balance	123,062	148,679	22,943	294,684
Domestic production	312,499	56,101	2,089	370,689
Imports	10,190	25,237	538	35,965
Total Availability	445,751	230,018	25,569	701,338
Offtake	328,146	65,934	6,130	400,210
Export	-	-	-	-
Adjustments (+)	23,992	2,354	1	26,347
Adjustments (-)	21,879	2,353	-	24,232
National Inventory	119,719	164,084	19,439	303,242
FEBRUARY 2022				
Opening Balance	119,719	164,084	19,439	303,242
Domestic production	286,877	50,965	1,875	339,718
Imports	25,968	7,234	324	33,525
Total Availability	432,564	222,283	21,639	676,486
Offtake	286,546	42,879	4,193	333,618
Export	-	-	-	-
Adjustments (+)	15,764	2,282	1	18,047
Adjustments (-)	16,152	2,147	1	18,300
National Inventory	145,630	179,538	17,446	342,614
MARCH 2022				
Opening Balance	145,630	179,538	17,446	342,614
Domestic production	325,920	56,919	2,540	385,379
Imports	26,522	8,602	991	36,115
Total Availability	498,072	245,059	20,977	764,108
Offtake	278,144	49,514	4,636	332,294
Export	-	-	-	-
Adjustments (+)	21,301	1,112	78	22,490
Adjustments (-)	23,965	277	407	24,649
National Inventory	217,264	196,380	16,012	429,656

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2021 TO JUNE 2022

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
APRIL 2022				
Opening Balance	217,264	196,380	16,012	429,656
Domestic production	316,885	53,384	2,233	372,503
Imports	11,122	27,635	1,581	40,337
Total Availability	545,272	277,399	19,826	842,496
Offtake	259,674	59,952	2,686	322,312
Export	-	-	-	-
Adjustments (+)	23,215	9,419	989	33,622
Adjustments (-)	20,268	131	5	20,403
National Inventory	288,545	226,734	18,124	533,403
MAY 2022				
Opening Balance	288,545	226,734	18,124	533,403
Domestic production	309,086	54,296	1,822	365,204
Imports	8,017	20,229	1,200	29,446
Total Availability	605,648	301,259	21,146	928,053
Offtake	238,895	60,490	2,721	302,106
Export	-	-	-	-
Adjustments (+)	17,113	4,672	1	21,785
Adjustments (-)	14,768	2,361	810	17,939
National Inventory	369,097	243,080	17,616	629,793
JUNE 2022				
Opening Balance	369,097	243,080	17,616	629,793
Domestic production	292,688	51,665	1,836	346,189
Imports	4,345	10,599	1,126	16,071
Total Availability	666,131	305,345	20,577	992,053
Offtake	398,933	80,724	3,024	482,682
Export	-	-	-	-
Adjustments (+)	21,078	10,331	2,592	34,002
Adjustments (-)	20,298	2,597	271	23,166
National Inventory	267,977	232,355	19,874	520,207

NUTRIENT WISE SUPPLY DEMAND SITUATION DURING FISCAL YEAR 2021-22

(Tonnes)				
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	342,295	233,518	17,881	593,694
Domestic Production	3,544,629	644,220	21,655	4,210,505
Imports	213,930	423,476	46,662	684,068
Total Availability	4,100,855	1,301,214	86,199	5,488,267
Offtake	3,838,056	1,092,541	70,873	5,001,469
Export	-	-	-	0
Adjustments(+/-)	5,178	23,681	4,549	33,408
Closing Balance	267,977	232,355	19,874	520,207

ANNEX-10

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2021 TO JUNE 2022

(Tonnes)

Product	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
APRIL 2021												
Opening Balance	297,746	67,962	263,054	21,691	57,662	-	3,004	4,450	4,256	2,440	2,961	725,226
Domestic Production	552,308	67,387	78,458	7,044	70,846	-	963	10,334	-	-	-	787,340
Import	-	-	-	-	52,820	-	7,364	-	7,562	-	26,535	94,281
Total Availability	850,054	135,349	341,512	28,735	181,329	-	11,331	14,784	11,818	2,440	29,496	1,606,847
Offtake	309,245	70,052	97,392	2,951	46,169	-	5,183	2,281	3,063	953	10,254	547,541
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	44,425	-	547	-	697	-	15	4	1	-	900	46,589
Adjustment (-)	54,452	1	-	-	695	-	-	-	1	-	-	55,149
Closing Balance	530,782	65,295	244,667	25,784	135,162	-	6,163	12,507	8,755	1,487	20,143	1,050,746
MAY 2021												
Opening balance	530,782	65,295	244,667	25,784	135,162	-	6,163	12,507	8,755	1,487	20,143	1,050,746
Domestic Production	598,228	66,656	73,574	6,651	75,291	-	917	7,829	-	-	-	829,146
Import	-	-	-	-	93,422	-	3,634	-	7,706	264	9,466	114,492
Total Availability	1,129,010	131,951	318,241	32,435	303,875	-	10,714	20,336	16,461	1,751	29,609	1,994,384
Offtake	501,488	80,062	38,484	8,785	173,233	-	3,316	3,683	1,699	708	6,542	818,000
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	49,828	-	-	1	764	-	-	382	26	-	-	51,001
Adjustment (-)	65,140	5,900	2,501	-	629	-	3	-	1	472	1,714	76,360
Closing balance	612,211	45,989	277,256	23,651	130,777	-	7,395	17,035	14,787	571	21,353	1,151,025
JUNE 2021												
Opening Balance	612,211	45,989	277,256	23,651	130,777	-	7,395	17,035	14,787	571	21,353	1,151,025
Domestic Production	512,241	69,571	78,183	8,724	75,244	-	811	6,194	-	-	-	750,968
Import	-	-	-	-	215,349	-	3,173	-	5,545	196	-	224,263
Total Availability	1,124,452	115,560	355,439	32,375	421,370	-	11,379	23,229	20,332	767	21,353	2,126,255
Offtake	690,238	92,484	41,525	9,581	68,180	-	4,305	3,684	2,254	182	7,696	920,128
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)	40,464	1	-	-	520	-	404	-	1	-	-	41,390
Adjustment (-)	43,075	-	1	50	516	-	-	1	1	264	-	43,908
Closing Balance	431,603	23,077	313,913	22,744	353,194	-	7,479	19,544	18,078	321	13,656	1,203,609

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2021 TO JUNE 2022

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	(Tonnes)
												TOTAL
JULY, 2021												
Opening Balance	431,603	23,077	313,913	22,744	353,194	-	7,479	19,544	18,078	321	13,656	1,203,609
Domestic production	511,830	70,251	78,816	9,141	73,691	0	182	5,849	0	0	0	749,760
Imports	0	0	0	0	167,432	0	12,692	0	6,662	104	150	187,039
Total Availability	943,433	93,328	392,729	31,885	594,317	0	20,353	25,393	24,739	426	13,806	2,140,409
Offtake	621,731	71,467	70,247	10,923	193,418	-	5,641	6,581	5,008	128	2,726	987,870
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	-	-	1	-	6,689	-	1	-	-	1	-	6,692
Adjustments (-)	324	1	-	-	736	-	-	-	2	145	1	1,209
National Inventory	321,378	21,859	322,483	20,962	406,852	0	14,714	18,812	19,730	154	11,079	1,158,022
AUGUST 2021												
Opening Balance	321,378	21,859	322,483	20,962	406,852	0	14,714	18,812	19,730	154	11,079	1,158,022
Domestic production	515,404	67,741	80,994	9,221	76,819	-	329	5,600	-	-	-	756,108
Imports	-	-	-	-	81,777	-	5,213	-	2,035	9,000	3,982	102,007
Total Availability	836,782	89,600	403,477	30,183	565,448	0	20,256	24,412	21,765	9,154	15,061	2,016,137
Offtake	648,513	79,499	86,427	9,955	186,532	-	6,611	9,897	9,452	1,137	3,092	1,041,115
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	2	2	-	-	16,604	-	1	-	-	-	1	16,610
Adjustment (-)	824	-	-	173	16,764	-	4	-	-	-	-	17,765
National Inventory	187,447	10,104	317,050	20,055	378,756	0	13,642	14,515	12,313	8,017	11,969	973,867
SEPTEMBER, 2021												
Opening Balance	187,447	10,104	317,050	20,055	378,756	0	13,642	14,515	12,313	8,017	11,969	973,867
Domestic production	416,748	69,332	79,013	10,156	72,142	-	898	6,028	-	-	-	654,317
Imports	-	-	-	-	122,929	-	4,221	-	6,911	-	6,843	140,903
Total Availability	604,195	79,436	396,063	30,211	573,827	0	18,760	20,543	19,224	8,017	18,812	1,769,087
Offtake	487,149	32,733	61,614	8,215	221,132	-	5,169	14,393	3,549	5,141	3,342	842,435
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	3,970	-	2	-	4,880	-	5	1	-	-	1	8,859
Adjustments (-)	4,895	2	-	43	4,881	-	2	-	2	-	1	9,826
National Inventory	116,121	46,701	334,451	21,954	352,694	0	13,595	6,151	15,673	2,876	15,469	925,686

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2021 TO JUNE 2022

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
OCTOBER, 2021												
Opening Balance	116,121	46,701	334,451	21,954	352,694	0	13,595	6,151	15,673	2,876	15,469	925,686
Domestic production	539,226	77,119	84,547	14,444	74,759	-	910	10,840	-	-	-	801,844
Imports	-	-	-	-	274,276	-	2,248	-	7,339	7,000	5,158	296,021
Total Availability	655,347	123,820	418,998	36,397	701,729	0	16,752	16,991	23,012	9,876	20,627	2,023,551
Offtake	513,890	106,356	119,670	27,208	342,287	-	6,528	13,946	7,095	7,725	2,447	1,147,153
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	45,445	-	123	-	19,519	-	-	-	1	-	-	65,088
Adjustments (-)	47,304	-	1	1	19,475	-	3	1	-	-	6	66,791
National Inventory	139,599	17,464	299,450	9,188	359,486	0	10,222	3,044	15,918	2,151	18,174	874,695
NOVEMBER 2021												
Opening Balance	139,599	17,464	299,450	9,188	359,486	0	10,222	3,044	15,918	2,151	18,174	874,695
Domestic production	532,842	42,869	48,526	10,939	74,444	-	810	7,792	-	-	-	718,221
Imports	-	-	-	-	30,736	-	5,974	-	17,976	8,800	-	63,486
Total Availability	672,441	60,333	347,976	20,127	464,666	0	17,005	10,836	33,894	10,951	18,174	1,656,402
Offtake	574,034	52,356	87,992	17,562	219,871	-	4,047	6,127	7,368	1,548	2,964	973,869
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	43,656	-	-	1	26,196	-	1	3,736	2	1	-	73,593
Adjustments (-)	44,153	-	-	-	26,281	-	-	-	1	-	-	70,435
National Inventory	97,909	7,977	259,984	2,565	244,710	0	12,959	8,445	26,527	9,404	15,210	685,691
DECEMBER, 2021												
Opening Balance	97,909	7,977	259,984	2,565	244,710	0	12,959	8,445	26,527	9,404	15,210	685,691
Domestic production	556,667	74,454	58,805	4,820	75,955	-	1,858	1,100	-	-	-	773,659
Imports	-	-	-	-	-	-	1,722	-	523	-	-	2,245
Total Availability	654,576	82,431	318,789	7,385	320,665	0	16,539	9,545	27,050	9,404	15,210	1,461,595
Offtake	598,732	76,941	65,194	6,787	116,545	-	4,255	1,883	4,370	197	3,259	878,163
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	43,920	-	-	-	15,403	-	3	-	3,178	-	2,792	65,296
Adjustments (-)	43,842	-	-	-	8,708	-	18	1,200	-	-	-	53,768
National Inventory	55,922	5,490	253,595	598	210,815	0	12,269	6,462	25,858	9,207	14,743	594,960

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2021 TO JUNE 2022

	(Tonnes)											
Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
JANUARY, 2022												
Opening Balance	55,922	5,490	253,595	598	210,815	-	12,269	6,462	25,858	9,207	14,743	594,960
Domestic production	564,610	73,840	84,207	5,051	74,791	-	1,555	7,016	-	-	-	811,070
Imports	-	-	-	-	54,863	-	1,075	-	-	-	1,500	57,438
Total Availability	620,532	79,330	337,802	5,650	340,469	-	14,899	13,478	25,858	9,207	16,243	1,463,468
Offtake	597,794	76,012	48,409	2,220	112,823	-	3,357	5,681	5,603	2,814	4,815	859,528
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	50,153	1	2	-	5,116	-	1	-	1	-	1	55,275
Adjustments (-)	45,561	-	-	-	5,116	-	-	-	-	-	-	50,677
National Inventory	27,331	3,319	289,395	3,429	227,646	-	11,543	7,797	20,256	6,394	11,430	608,538
FEBRUARY 2022												
Opening Balance	27,331	3,319	289,395	3,429	227,646	0	11,543	7,797	20,256	6,394	11,430	608,538
Domestic production	519,834	67,901	72,961	4,534	70,371	-	1,502	6,192	-	-	-	743,295
Imports	50,298	-	-	-	15,725	-	632	-	14	-	-	66,669
Total Availability	597,463	71,220	362,356	7,963	313,742	0	13,677	13,989	20,270	6,394	11,430	1,418,502
Offtake	526,843	69,937	64,830	3,215	55,361	-	2,273	8,417	2,575	804	886	735,140
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	31,876	801	1	-	4,959	-	1	1	1	-	-	37,639
Adjustments (-)	33,285	-	-	-	4,668	-	-	-	2	-	1	37,956
National Inventory	69,210	2,084	297,527	4,748	258,672	-	11,405	5,573	17,693	5,590	10,542	683,045
MARCH 2022												
Opening Balance	69,210	2,084	297,527	4,748	258,672	-	11,405	5,573	17,693	5,590	10,542	683,045
Domestic production	596,253	71,798	78,275	8,740	77,269	-	1,413	9,613	-	-	-	843,361
Imports	49,900	-	-	-	18,700	-	182	-	1,500	-	964	71,246
Total Availability	715,363	73,882	375,802	13,488	354,641	0	13,000	15,186	19,193	5,590	11,506	1,597,652
Offtake	508,738	68,706	36,032	3,177	79,641	-	1,318	7,791	4,152	597	2,163	712,314
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	45,157	-	553	-	1,981	-	2	398	1	1	-	48,093
Adjustments (-)	51,804	1	-	1	593	-	494	20	262	-	125	53,300
National Inventory	199,979	5,175	340,323	10,310	276,388	0	11,190	7,773	14,780	4,994	9,219	880,131

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2020 TO JUNE 2021

(Tonnes)

Product	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
APRIL 2022												
Opening Balance	199,979	5,175	340,323	10,310	276,388	0	11,190	7,773	14,780	4,994	9,219	880,131
Domestic Production	578,631	71,880	80,188	7,164	74,809	-	1,735	7,989	-	-	-	822,396
Import	-	-	-	-	60,075	-	3,161	-	-	-	1,470	64,706
Total Availability	778,610	77,055	420,511	17,473	411,272	0	16,086	15,762	14,780	4,994	10,689	1,767,233
Offtake	458,952	57,402	71,933	4,278	95,231	-	873	3,700	2,703	465	860	696,396
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	42,386	123	-	-	20,446	-	502	91	1,200	-	-	64,748
Adjustment (-)	43,949	1	-	-	285	-	9	-	-	-	-	44,244
Closing Balance	318,095	19,775	348,578	13,195	336,202	-	15,706	12,153	13,278	4,529	9,829	1,091,341
MAY 2022												
Opening balance	318,095	19,775	348,578	13,195	336,202	0	15,706	12,153	13,278	4,529	9,829	1,091,341
Domestic Production	562,863	69,861	78,323	7,980	79,030	-	1,774	4,822	-	-	-	804,652
Import	-	-	-	-	43,976	-	2,400	-	-	-	482	46,858
Total Availability	880,958	89,636	426,901	21,175	459,208	0	19,879	16,975	13,278	4,529	10,312	1,942,852
Offtake	417,521	51,391	69,086	6,429	94,383	-	1,144	4,514	2,192	2,202	2,722	651,584
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	33,226	1	1	-	10,156	-	1	1	-	-	-	43,386
Adjustment (-)	30,096	-	-	-	5,133	-	-	-	1,350	-	-	36,579
Closing balance	466,567	38,246	357,816	14,746	369,848	0	18,736	12,462	9,736	2,327	7,590	1,298,075
JUNE 2022												
Opening Balance	466,567	38,246	357,816	14,746	369,848	-	18,736	12,462	9,736	2,327	7,590	1,298,075
Domestic Production	531,292	68,648	77,092	9,136	72,473	-	1,691	5,500	-	-	-	765,832
Import	-	-	-	-	23,042	-	2,252	-	-	-	942	26,236
Total Availability	997,859	106,894	434,908	23,882	465,363	-	22,680	17,962	9,736	2,327	8,532	2,090,143
Offtake	736,970	77,154	56,294	7,232	145,500	-	1,330	5,197	2,306	380	3,291	1,035,654
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)	37,033	-	-	1	22,459	-	3	-	4,318	-	-	63,814
Adjustment (-)	41,884	-	2	-	4,895	-	2	1,514	-	-	-	48,297
Closing Balance	256,038	29,740	378,613	16,651	337,427	-	21,350	11,251	11,748	1,947	5,240	1,070,006

PRODUCT WISE SUPPLY DEMAND SITUATION DURING FISCAL YEAR 2021-22

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	431,603	23,077	313,913	22,744	353,194	-	7,479	19,544	18,078	321	13,656	1,203,609
Domestic Production	6,426,200	825,694	901,747	101,325	896,553	0	14,657	78,341	0	0	0	9,244,517
Imports	100,198	0	0	0	893,531	0	41,772	0	42,960	24,904	21,491	1,124,856
Total Availability	6,958,001	848,771	1,215,660	124,069	2,143,278	0	63,908	97,885	61,038	25,226	35,147	11,572,982
Offtake	6,690,865	819,953	837,727	107,202	1,862,724	0	42,547	88,127	56,373	23,136	32,568	10,561,223
Exports	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+/-)	-11,097	923	680	-216	56,873	0	-11	1,493	7,083	-142	2,661	58,246
Closing Balance	256,038	29,740	378,613	16,651	337,427	0	21,350	11,251	11,748	1,947	5,240	1,070,005

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2021-22**

(Tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	12,292	3,964	164	16,420	268	61
Bahawalpur	139,440	40,271	1,090	180,802	763	237
Bhakkar	25,825	7,719	561	34,105	888	38
Bahawal Nagar	126,437	31,017	794	158,248	907	174
Chakwal	1,026	543	-	1,569	303	5
Chiniot	50,194	13,018	1,718	64,929	261	249
Dera Ghazi Khan	75,972	21,695	307	97,974	503	195
Faisalabad	85,163	20,993	955	107,111	648	165
Gujranwala	107,318	26,605	1,510	135,433	540	251
Gujrat	9,817	2,064	71	11,952	308	39
Hafizabad	55,673	13,244	502	69,419	337	206
Islamabad	389	60	-	448.90	46	10
Jhang	79,989	20,790	1,319	102,098	660	155
Jhelum	1,219	367	9	1,594	123	13
Kasur	80,550	19,693	756	100,998	480	210
Khanewal	98,559	26,933	1,231	126,723	610	208
Khushab	7,585	1,400	181	9,166	477	19
Lahore	41,297	9,200	507	51,004	163	312
Layyah	56,328	12,167	494	68,989	672	103
Lodran	94,988	26,970	809	122,768	435	282
MandiBahauddin	45,695	11,758	473	57,926	305	190
MuzaffarGarh	100,331	26,780	740	127,851	679	188
Mianwali	32,650	5,287	278	38,215	415	92
Multan	172,484	51,249	1,721	225,453	521	433
Nankana	41,178	9,022	108	50,308	326	154
Narowal	49,329	12,011	463	61,803	229	270
Okara	137,722	35,886	2,566	176,173	617	286
Pakpattan	97,107	25,119	1,638	123,864	412	301
Rahim Yar Khan	220,387	54,732	2,110	277,230	898	309
Rajanpur	81,004	18,429	214	99,647	548	182
Rawalpindi	18,882	4,861	47	23,790	258	92
Sahiwal	91,728	25,572	1,002	118,303	425	278
Sargodha	55,479	14,313	1,677	71,468	672	106
Sheikhupura	70,050	19,464	507	90,021	544	165
Sialkot	31,246	8,224	602	40,071	341	118
Toba Tek Singh	61,584	17,273	982	79,840	446	179
Vehari	128,922	35,350	2,139	166,411	619	269
New distributors	52,561	116,460	19,331	188,352	-	-
PUNJAB	2,638,399	790,501	49,578	3,478,478	17,647	197.1

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, 2021.

Continued....

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2021-22**

(Tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	55,410	10,112	424	65,946	254	259
Dadu	38,325	8,519	145	46,989	156	302
Ghotki	76,688	19,820	375	96,883	267	363
Hyderabad	36,555	9,441	317	46,313	44	1054
Jacobabad	19,565	3,965	165	23,696	169	140
Jamshoro	4,731	552	28	5,311	75	71
Karachi	25,122	9,141	249	34,512	4	9070
Kashmore	31,334	7,074	77	38,486	147	262
Khairpur	45,912	10,571	219	56,702	281	202
Larkana	28,204	4,361	18	32,584	179	182
Mirpurkhas	76,223	18,889	1,022	96,134	179	536
Matiari	26,189	5,948	561	32,698	128	255
NosheroFeroz	130,219	28,556	532	159,307	187	854
Shaheed Benazir Abad	71,672	14,003	830	86,504	208	416
Sanghar	90,037	20,708	954	111,699	276	404
QamberShahdadKot	27,725	5,032	143	32,900	151	218
Shikarpur	15,357	3,764	78	19,199	156	123
Sujawal	5,268	1,358	1	6,627	-	-
Sukkur	38,188	8,348	34	46,570	105	442
Tando Allah Yar	17,274	3,387	960	21,622	102	213
Tharparkar	2,961	539	5	3,505	230	15
Thatta	22,632	3,660	90	26,381	198	133
Tando Muhammad khan	23,242	4,480	40	27,762	63	440
Umerkot	9,497	2,226	9	11,732	93	126
New distributors	16,289	31,245	10,541	58,075	-	-
SIND	934,621	235,700	17,815	1,188,135	3654	325

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, 2021.

Continued....

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2021-22**

(Tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	2,416	576	-	2,992	59	51
Bajaur agency	865	311	22	1,197	70	17
Bannu	1,015	184	-	1,200	50	24
Battagram	120	4	-	124	29	4
Buner	4,694	2,085	296	7,075	104	68
Charsadha	4,410	1,230	52	5,692	94	61
Chitral	9	-	-	9	27	0
Dera Ismail Khan	15,150	4,018	122	19,290	155	125
Dir upper	3,808	464	2	4,274	53	81
Dir lower	2,106	397	-	2,503	71	35
Hangu	-	-	-	-	34	0
Haripur	920	280	3	1,203	84	14
Karak	14	-	-	14	29	0
Khyber agency	406	374	-	780	22	36
Kohat	1,254	362	-	1,616	32	50
Kohistan	-	-	-	-	29	0
Kurram agency	602	167	-	769	16	48
LakkiMarwat	968	190	6	1,164	41	29
Malakand	1,722	1,263	109	3,094	50	62
Mansehra	7,508	2,015	205	9,727	100	98
Mardan	21,563	3,918	266	25,747	110	234
Mohmand agency	250	43	-	292	26	11
North Waziristan agency	-	-	-	-	18	0
Nowshera	2,109	304	4	2,417	50	49
Orakzai agency	-	-	-	-	12	0
Peshawar	34,095	3,960	136	38,191	84	454
South Waziristan agency	-	-	-	-	24	0
Shangla	3,579	1,722	103	5,405	81	67
Swabi	9,118	257	-	9,374	88	107
Swat	21,676	6,429	358	28,463	172	165
Tank	96	11	-	107	19	4
New distributors	7731	6343	428	14,502	-	-
KP	148,204	36,907	2,110	187,222	1830	102.3

Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2021.

Continued....

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2021-22**

(Tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALOCHISTAN						
Awaran	1,167	693	-	1,860	27	69
Barkhan	665	101	-	766	17	45
Kachhi (Bolan)	686	108	-	795	22	36
Chaghi	875	156	5	1,036	9	113
DeraBugti	28	-	-	28	25	1
Gwadar	-	-	-	-	2	-
Harnai	1,614	486	11	2,111	8	273
Jafarabad	19,746	4,399	23	24,168	201	120
JhalMagsi	6,293	725	8	7,026	65	107
Kalat	1,324	253	52	1,629	16	105
Kech (Turbat)	414	-	-	414	37	11
Kharan	4,722	399	38	5,158	21	248
Khuzdar	10,230	1,386	135	11,752	71	166
Kohlu	-	-	-	-	2	-
Lasbela	19,342	4,909	429	24,679	41	602
Loralai	389	69	2	460	28	16
Mastung	-	-	-	-	13	-
Musakhel	-	-	-	-	6	-
Nasirabad	7,452	2,263	-	9,715	191	51
Nushki	145	12	-	156	15	10
Panjgur	-	-	-	-	26	-
Pishin	6,681	1,846	458	8,985	24	379
QilaSaifullah	1,983	447	118	2,548	69	37
Qila Abdullah	14	-	-	14	11	1
Quetta	20,045	4,595	38	24,678	9	2,867
Shirani	-	-	-	-	2	-
Sibi	8,388	1,515	28	9,932	23	440
Sohbatpur	137	22	-	159	0	-
Washuk	239	86	8	332	12	28
Zhob	694	440	16	1,150	16	71
Ziarat	-	-	-	-	5	-
Shaheed Sikanadr Abad	179.0	12.0	-	191	0	-
Balochistan	116,792	29,410	1,370	147,572	1,080	136.6
Pakistan	3,838,056	1,092,541	70,873	5,001,469	24,211	206.6

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, 2018-19

DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2021-22

													(Tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	11,821	18,914	3,043	6,578	291	-	15	86	68	0	427	-	41,243
Bahawalpur	244,995	28,470	27,163	71,752	1,039	-	-	612	607	276	2,271	-	377,185
Bhakkar	44,543	6,783	4,193	13,583	-	-	60	41	245	43	2,179	-	71,669
Bahawal Nagar	223,992	29,741	26,547	52,774	684	-	-	706	357	216	1,247	-	336,264
Chakwal	1,675	115	95	1,133	-	-	-	-	-	0	-	-	3,018
Chiniot	91,491	5,704	12,270	19,771	226	-	1,484	519	1,489	284	3,133	-	136,372
Dera Ghazi Khan	133,131	17,800	12,138	40,453	309	-	120	187	187	165	544	-	205,035
Faisalabad	155,053	11,956	19,934	33,135	830	-	2,226	634	593	245	1,542	-	226,148
Gujranwala	200,165	8,966	21,050	44,207	785	-	3,757	425	1,709	258	1,508	-	282,828
Gujrat	18,820	632	1,462	3,616	100	-	60	-	118	0	5	-	24,813
Hafizabad	104,152	5,736	8,968	22,994	367	-	1,080	207	380	202	949	-	145,035
Islamabad	795	-	-	130	-	-	-	-	-	0	-	-	925
Jhang	146,024	9,370	16,888	35,122	501	-	565	598	1,177	498	1,729	-	212,472
Jhelum	2,338	-	-	797	-	-	-	-	15	0	-	-	3,150
Kasur	147,201	12,643	13,764	35,206	421	-	-	533	669	74	492	-	211,003
Khanewal	174,647	20,317	18,590	47,376	401	-	1,595	947	662	88	1,905	-	266,528
Khushab	15,007	465	570	2,475	31	-	-	95	54	0	548	-	19,244
Lahore	77,930	4,295	5,587	16,329	435	-	-	167	448	88	838	-	106,116
Layyah	93,245	29,638	7,460	22,025	166	-	180	369	204	75	1,000	-	154,362
Lodran	170,089	19,253	18,550	43,332	509	-	12,285	432	585	328	1,331	-	266,695
MandiBahauddin	84,269	3,705	13,664	15,229	270	-	6,732	246	185	70	1,278	-	125,647
MuzaffarGarh	166,349	43,645	16,885	48,880	417	-	-	556	431	117	1,063	-	278,343
Mianwali	63,173	2,976	5,287	8,334	21	-	-	13	158	0	985	-	80,946
Multan	244,380	107,262	87,000	64,232	998	-	2,977	594	1,220	517	3,584	-	512,764
Nankana	77,152	5,162	6,244	16,019	242	-	240	38	79	151	223	-	105,550
Narowal	96,334	1,609	4,789	19,066	130	-	10,739	232	395	15	610	-	133,920
Okara	248,689	21,363	30,702	57,842	1,871	-	3,062	1,228	2,348	334	3,018	-	370,457
Pakpattan	173,079	19,454	23,977	38,842	923	-	5,378	964	1,121	221	2,681	-	266,640
Rahim Yar Khan	407,527	29,102	28,991	101,175	1,311	-	150	972	1,188	483	4,696	-	575,596
Rajapur	150,425	13,124	9,204	34,563	493	-	320	95	146	124	437	-	208,932
Rawalpindi	25,718	15,197	8,606	6,140	-	-	61	5	3	3	228	-	55,961
Sahiwal	156,973	23,550	24,979	42,278	486	-	44	1,382	348	62	557	1	250,660
Sargodha	93,972	11,363	27,054	15,398	400	-	1,209	949	826	346	3,588	-	155,105
Sheikhupura	125,561	10,641	14,417	34,094	603	-	-	318	369	80	693	-	186,775
Sialkot	54,928	6,110	8,840	12,386	41	-	164	159	291	263	1,932	-	85,112
Toba Tek Singh	108,126	11,130	16,822	27,475	495	-	-	598	419	111	2,353	-	167,530
Vehari	230,984	27,456	17,993	61,814	831	-	8,326	1,268	1,381	432	3,769	-	354,254
New distributors	-	-	-	252,336	293	-	29,484	19,441	16,539	16,285	-	-	334,378
Punjab Total	4,564,751	583,649	563,727	1,368,889	16,920	-	92,312	35,617	37,009	22,454	53,343	1	7,338,670

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. RCL, 7. Agritech

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DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2021-22

(Tonnes)

DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	107,763	4,534	5,166	18,449	97	-	-	162	22	126	1796	19	138,134
Dadu	74,698	614	4,110	15,933	267	-	90	114	30	30	388	277	96,550
Ghotki	138,567	10,920	19,058	31,518	556	-	2,570	179	203	70	887	31	204,560
Hyderabad	57,632	14,839	17,999	10,366	298	-	1,150	121	58	215	1113	9	103,799
Jacobabad	37,581	933	4,418	5,655	146	-	610	56	5	-	736	101	50,240
Jamshoro	9,474	546	240	985	16	-	-	0	0	3	155	18	11,437
Karachi	45,798	652	2,530	18,071	331	-	271	272	146	-	132	-	68,204
Kashmore	62,191	120	634	14,607	283	-	30	59	5	-	246	138	78,313
Khairpur	85,505	5,863	6,823	19,097	286	-	-	194	60	15	433	10	118,286
Larkana	56,917	130	2,239	8,299	-	-	60	0	0	3	94	114	67,857
Mirpurkhas	116,993	33,815	47,233	15,619	990	-	30	497	33	410	3982	20	219,622
Matiari	43,779	9,571	8,620	7,825	113	-	-	341	15	176	1930	27	72,398
NosheroFeroz	197,762	92,094	30,371	45,047	706	-	-	134	14	225	2430	65	368,847
Shaheed Benazir Abad	129,314	18,900	13,271	22,592	380	-	-	595	257	123	1973	28	187,434
Sanghar	156,196	25,131	25,894	30,288	539	-	-	502	124	95	3215	21	242,005
QambarShahdadKot	55,103	840	1,800	9,744	67	-	60	94	27	60	432	239	68,467
Shikarpur	29,562	755	2,245	5,924	18	-	2,779	124	10	8	55	64	41,544
Sujawal	10,297	-	-	2,953	-	-	-	2	-	-	-	-	13,252
Sukkur	73,464	2,443	3,737	16,070	172	-	-	38	15	8	34	-	95,981
Tando Allah Yar	32,175	2,100	3,746	3,923	305	-	-	477	39	234	3516	40	46,555
Tharparkar	5,974	-	51	1,091	48	-	-	10	0	-	0	-	7,174
Thatta	41,110	6,232	4,950	5,102	201	-	-	30	19	52	342	3	58,041
Tando Muhammad Khan	47,361	340	364	9,545	10	-	-	49	23	-	5	-	57,697
Umerkot	14,288	4,118	7,047	1,240	68	-	-	5	10	-	-	-	26,775
New distributors	-	-	-	70,584	198	-	943	1,102	17,104	6,171	-	-	96,102
Sindh Total	1,629,505	235,489	212,546	390,527	6,095	-	8,593	5,155	18,218	8,024	23,894	1,224	2,539,270

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. RCL, 7. Agritech

Continued....

DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2021-22

DISTRICTS	(Tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	KP												
Abbotabad	4,702	-	203	1,146	-	-	15	-	-	-	-	-	6,066
Bajaur agency	1,576	-	217	526	-	-	-	-	-	-	111	-	2,430
Bannu	2,040	-	35	384	-	-	-	-	-	-	-	-	2,459
Battagram	254	-	13	3	-	-	-	-	-	-	-	-	269
Buner	8,369	-	151	4,202	-	-	-	112	175	1	1,452	-	14,461
Charsadha	7,725	-	3,796	1,176	-	-	150	42	25	-	86	-	13,000
Chitral	20	-	-	-	-	-	-	-	-	-	-	-	20
Dera Ismail Khan	29,538	-	165	8,630	-	-	-	129	82	-	45	-	38,588
Dir lower	4,182	-	190	781	-	-	-	-	-	-	-	-	5,153
Dir upper	7,881	-	22	991	3	-	-	-	-	-	10	-	8,907
Hangu	-	-	-	-	-	-	-	-	-	-	-	-	-
Haripur	1,679	-	274	468	-	-	10	-	5	-	-	-	2,436
Karak	30	-	-	-	-	-	-	-	-	-	-	-	30
Khyber agency	565	-	-	812	-	-	-	-	-	-	-	-	1,377
Kohat	2,327	-	301	636	-	-	-	-	-	-	-	-	3,264
Kohistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Kurram agency	1,143	-	78	325	-	-	-	-	-	-	-	-	1,546
LakkiMarwat	1,943	-	-	414	-	-	-	-	10	-	-	-	2,367
Malakand	2,666	-	10	2,741	-	-	-	154	54	-	-	-	5,625
Mansehra	13,475	-	4,571	2,241	-	-	30	52	38	41	821	-	21,269
Mardan	48,532	-	2,681	5,782	-	-	4,024	224	61	94	1,406	-	62,804
Mohmand agency	506	-	-	93	-	-	-	-	-	-	-	-	599
North Wazirastan agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Nowshera	4,319	-	25	648	-	-	-	-	6	-	-	-	4,998
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	75,962	795	937	7,878	-	-	600	191	43	-	76	-	86,481
South Wazirastan agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Shangla	5,773	-	1,859	2,715	-	-	-	6	87	-	251	-	10,692
Swabi	19,502	-	347	373	-	-	30	-	-	-	-	-	20,252
Swat	39,641	-	8,145	9,553	-	-	1,440	184	163	-	1,845	-	60,971
Tank	200	-	-	23	-	-	-	-	-	-	-	-	223
New distributors	-	-	-	6,388	-	-	-	10	127	1,835	-	-	8,360
KP Total	284,549	795	24,018	58,927	3	-	6,299	1,104	876	1,971	6,103	-	384,644

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. RCL, 7. Agritech

Continued....

DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2021-22

(Tonnes)

DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	1,046	-	2,963	24	-	-	-	-	-	-	-	-	4,033
Barkhan	1,361	-	-	219	-	-	-	-	-	-	-	-	1,580
Kachhi (Bolan)	1,400	-	-	235	-	-	-	-	-	-	-	-	1,635
Chagai	1,769	-	-	340	-	-	-	-	8	-	-	-	2,117
DeraBugti	60	-	-	-	-	-	-	-	-	-	-	-	60
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	2,969	-	415	849	-	-	-	23	-	-	-	-	4,256
Jafarabad	39,160	-	229	9,353	85	-	-	45	0	-	-	-	48,872
JhalMagsi	13,064	-	-	1,576	-	-	-	15	-	-	-	-	14,655
Kalat	2,583	-	210	363	-	-	-	-	5	-	245	-	3,406
Kech (Turbat)	900	-	-	-	-	-	-	-	-	-	-	-	900
Kharan	9,924	-	22	782	-	-	-	14	3	-	159	-	10,904
Khuzdar	20,988	-	309	2,555	28	-	-	13	22	-	621	-	24,535
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	34,869	20	10,150	4,907	-	-	-	272	66	8	1,401	29	51,722
Loralai	770	-	55	123	-	-	-	3	-	-	-	-	951
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	12,935	-	4,399	2,715	5	-	-	-	-	-	-	-	20,055
Nushki	305	-	-	25	-	-	-	-	-	-	-	-	330
Panjgur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	12,069	-	2,314	2,297	-	-	-	148	99	18	1,634	3	18,582
QilaSaifullah	3,747	-	321	645	-	-	-	19	21	75	486	3	5,317
Qila Abdullah	30	-	-	-	-	-	-	-	-	-	-	-	30
Quetta	32,935	-	15,717	1,076	-	-	-	1	13	6	153	1	49,901
Sohbatpur	280	-	-	47	-	-	-	-	-	-	-	-	327
Sibi	16,897	-	234	3,133	-	-	-	-	20	-	89	-	20,373
Washuk	446	-	-	186	-	-	-	16	-	-	-	-	648
Zhob	1,135	-	-	957	-	-	-	31	-	-	-	-	2,123
Ziarat	-	-	-	-	-	-	-	-	-	-	-	-	-
Shaheed Sikanadr Abad	380	-	-	25	-	-	-	-	-	-	-	-	405
Balochistan Total	212,022	20	37,337	44,380	118	-	-	670	270	120	4,788	36	299,761
Pakistan Total	6,690,866	819,953	837,727	1,862,722	23,136	-	107,203	42,546	56,373	32,569	88,128	1,261	10,562,485

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. RCL, 7. Agritech

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING KHARIF (2020 AND 2021)
KHARIF 2020

		(Tonnes)						
PRODUCT	SOURCE	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	Fatimafert (DHCL)	-	-	-	-	32,372	43,097	75,469
UREA	EFERT	188,232	194,632	180,716	187,355	181,050	190,141	1,122,126
UREA	Agritech (PAFL)	-	-	-	-	26,774	30,074	56,848
UREA	PAK ARAB	7,099	-	7,568	341	7,172	7,799	29,979
UREA (PSFL)	FFC	70,996	73,240	70,230	69,912	71,515	69,930	425,823
UREA (PRILLED)	FFC	141,702	140,786	112,791	145,423	144,536	139,670	824,908
UREA (GRANULAR)	FFBL	57,351	57,527	55,039	46,852	48,235	45,387	310,391
UREA	Fatima Fertilizer	39,465	42,797	42,478	45,620	43,876	44,357	258,593
TOTAL UREA		504,845	508,982	468,822	495,503	555,530	570,455	3,104,137
NP	PAK ARAB	33,100	34,705	30,295	25,492	33,555	32,262	189,409
NP	EFERT	-	5,700	7,472	-	4,650	2,335	20,157
NP	Fatima Fertilizer	43,520	45,294	39,351	43,486	43,989	35,862	251,502
NP	TOTAL	76,620	85,699	77,118	68,978	82,194	70,459	461,068
SSP (J. WAL 18%)	AL HAMD	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	4,937	4,065	7,610	7,167	3,963	6,931	34,673
SSP	Suraj Fertilizers	28	8	-	-	-	2,890	2,926
SSP	Safi Chemicals	750	-	350	-	-	115	1,215
SSP	TOTAL	5,715	4,073	7,960	7,167	3,963	9,936	38,814
CAN	PAK ARAB	25,204	24,155	20,711	21,158	26,094	22,516	139,838
CAN	Fatima Fertilizer	40,277	41,893	34,150	40,544	41,721	34,525	233,110
CAN	TOTAL	65,481	66,048	54,861	61,702	67,815	57,041	372,948
DAP	FFC	41,356	74,691	72,697	74,982	73,225	72,300	409,251
SOP	Pacific	854	859	862	828	879	895	5,177
NPKs (Various grades)	EFERT	5,327	4,262	3,660	9,484	2,772	11,510	37,015
NPK (2:20:3)	Safi Chemicals	-	-	-	-	-	-	-
	GRAND TOTAL	700,198	744,614	685,980	718,644	786,378	792,596	4,428,410
	NITROGEN	274,177	284,045	260,339	274,419	305,538	307,646	1,706,165
	PHOSPHATE	36,457	53,146	51,139	53,287	53,939	53,759	301,726
	POTASH	1,332	1,213	1,072	2,257	938	2,555	9,366
	TOTAL	311,966	338,404	312,550	329,962	360,416	363,959	2,017,256

Continued....

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING KHARIF (2020 AND 2021)
KHARIF 2021

		(Tonnes)						
PRODUCT	SOURCE	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	Fatimafert (DHCL)	44,424	45,827	40,464	-	-	3,970	134,685
UREA	EFERT	162,177	198,437	186,803	194,227	197,607	97,703	1,036,954
UREA	Agritech (PAFL)	34,516	35,360	30,182	-	-	10,622	110,680
UREA	PAK ARAB	6,650	3,313	8,271	10,181	1,546	8,816	38,777
UREA (PSFL)	FFC	73,933	75,987	72,924	74,981	74,199	72,355	444,379
UREA (PRILLED)	FFC	134,026	137,893	99,014	143,057	143,660	137,139	794,789
UREA (GRANULAR)	FFBL	55,941	56,519	37,680	49,953	56,981	46,355	303,429
UREA	Fatima Fertilizer	40,641	44,892	36,903	39,431	41,411	39,788	243,066
TOTAL UREA		552,308	598,228	512,241	511,830	515,404	416,748	3,106,759
NP	PAK ARAB	31,395	32,896	30,758	31,743	33,228	32,728	192,748
NP	EFERT	3,001	1,070	4,022	2,396	4,636	3,194	18,319
NP	Fatima Fertilizer	44,062	39,608	43,403	44,677	43,130	43,091	257,971
NP	TOTAL	78,458	73,574	78,183	78,816	80,994	79,013	469,038
SSP (J. WAL 18%)	AL HAMD	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	7,029	4,843	7,150	5,421	4,561	7,104	36,108
SSP	Suraj Fertilizers	15	1,658	1,074	2,870	3,860	2,552	12,029
SSP	Safi Chemicals	-	150	500	850	800	500	2,800
SSP	TOTAL	7,044	6,651	8,724	9,141	9,221	10,156	50,937
CAN	PAK ARAB	26,974	27,055	29,147	28,352	27,598	27,730	166,856
CAN	Fatima Fertilizer	40,413	39,601	40,424	41,899	40,143	41,602	244,082
CAN	TOTAL	67,387	66,656	69,571	70,251	67,741	69,332	410,938
DAP	FFC	70,846	75,291	75,244	73,691	76,819	72,142	444,033
SOP	Pacific	963	917	811	182	329	898	4,100
NPKs (Various grades)	EFERT	10,334	7,829	6,194	5,849	5,600	6,028	41,834
NPK (2:20:3)	Safi Chemicals	-	-	-	-	-	-	-
	GRAND TOTAL	787,340	829,146	750,968	749,760	756,108	654,317	4,527,639
	NITROGEN	302,854	323,086	285,160	285,005	287,603	241,593	1,725,300
	PHOSPHATE	51,566	52,150	53,014	52,393	56,913	54,168	320,205
	POTASH	2,207	1,917	1,434	1,047	1,172	1,635	9,412
	TOTAL	356,626	377,153	339,608	338,445	345,688	297,396	2,054,917

FERTILIZER IMPORTS DURING KHARIF 2020

(Tonnes)

MONTH	UREA	DAP	SSP	SOP	MOP	AS	MAP	TOTAL PRODUCT	NITROGEN TOTAL	PHOSPHATE TOTAL	POTASH TOTAL	TOTAL NUTRIENT
April	-	26,073	-	2,004	275	15,851	-	44,203	8,022	11,994	1,167	21,182
May	-	70,854	-	550	1,540	20,000	50	92,994	16,959	32,618	1,199	50,776
June	-	74,561	-	774	770	-	9,900	86,005	14,411	39,248	849	54,508
July	-	111,008	-	4,069	6,231	500	52	121,860	20,092	51,090	5,773	76,954
August	-	83,953	-	2,058	8,220	7,500	-	101,731	16,687	38,618	5,961	61,266
Sep	-	179,637	-	4,040	5,193	21,829	52	210,751	36,924	82,659	5,136	124,719
Total	-	546,086	-	13,495	22,229	65,680	10,054	657,544	113,094	256,227	20,085	389,405

FERTILIZER IMPORTS DURING KHARIF 2021

(Tonnes)

MONTH	UREA	DAP	SSP	SOP	MOP	AS	MAP	TOTAL PRODUCT	NITROGEN TOTAL	PHOSPHATE TOTAL	POTASH TOTAL	TOTAL NUTRIENT
April	-	52,820	-	7,364	7,562	26,535	-	94,281	15,080	24,297	8,219	47,596
May	-	93,422	-	3,634	7,706	9,466	264	114,492	18,830	43,106	6,441	68,377
June	-	215,349	-	3,173	5,545	-	196	224,263	38,782	99,159	4,913	142,854
July	-	167,432	-	12,692	6,662	150	104	187,039	30,180	77,071	10,343	117,593
August	-	81,777	-	5,213	2,035	3,982	9,000	102,007	16,456	42,117	3,828	62,401
Sep	-	122,929	-	4,221	6,911	6,843	-	140,903	23,564	56,547	6,257	86,368
Total	-	733,729	-	36,297	36,420	46,976	9,564	862,985	142,892	342,297	40,000	525,190

**MONTH-WISE PRODUCT-WISE OFFTAKE DURING KHARIF 2020 AND 2021
(KHARIF 2020)**

		(Tonnes)						
Products	Sources	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	IMPORTED	-	-	-	-	-	-	-
UREA	FFC	136,412	132,180	605,759	143,235	340,282	212,962	1,570,830
UREA	DHCL	-	-	-	-	-	-	-
UREA	PAK-ARAB	220	52	4,769	2,778	2,791	65	10,675
UREA	EFERT	83,059	102,627	510,809	333,810	161,818	122,157	1,314,280
UREA	Agri Tech Limited (PAFL)	920	1,596	215	65	18,045	12,840	33,681
UREA	Fatima Fertilizer Company	21,737	3,179	43,373	94,997	50,354	44,791	258,431
UREA	TOTAL	242,348	239,634	1,164,925	574,885	573,290	392,815	3,187,897
CAN	PAK ARAB	18,670	7,022	31,337	31,675	29,514	2,280	120,498
CAN	Fatima Fertilizer	41,080	13,149	36,198	54,489	59,225	29,211	233,352
CAN	TOTAL	59,750	20,171	67,535	86,164	88,739	31,491	353,850
NP	IMPORTED	31	15	82	-	-	112	240
NP	PAK ARAB	37,964	14,996	43,293	26,301	19,796	2,066	144,416
NP	EFERT	4,513	2,266	4,397	3,611	8,909	8,040	31,736
NP	Fatima Fertilizer	37,821	13,857	8,375	58,208	45,445	43,503	207,209
NP	TOTAL	80,329	31,134	56,147	88,120	74,150	53,721	383,601
SSP	Imported	0	0	0	0	0	0	-
SSP	LCFL	0	0	0	0	0	0	-
SSP	Agri Tech Limited (PAFL)	4,533	3,645	9,451	10370	3555	3895	35,449
SSP	Suraj Fertilizer	293	16	0	0	0	2872	3,181
SSP	Safi chemicals	50	0	621	0	5	150	826
SSP	TOTAL	4,876	3,661	10,072	10,370	3,560	6,917	39,456
DAP	IMPORTED	84,894	37,982	121,193	146,339	186,252	133,429	710,089
DAP	FFC	65,827	22,875	54,756	104,633	108,760	95,050	451,901
DAP	TOTAL	150,721	60,857	175,949	250,972	295,012	228,479	1,161,990
TSP	IMPORTED	-	-	-	-	-	-	-
SOP	Pacific	800	1,360	1,020	823	267	1,941	6,211
SOP	Imported	2,651	1,694	3,127	3,358	3,316	7,725	21,871
SOP	Total	3,451	3,054	4,147	4,181	3,583	9,666	28,082
MAP	IMPORTED	3,348	1,097	1,582	3,483	19,680	893	30,083
MOP	IMPORTED	1,353	1,110	2,682	2,528	2,960	7,108	17,740
NPKs	EFERT	5,901	2,511	5,563	5,457	6,596	18,871	44,899
NPKs	Safi chemicals	-	-	-	-	-	-	-
AS	IMPORTED	6,275	3,337	14,645	9,222	5,542	7,984	47,005
GRAND TOTAL		558,352	366,566	1,503,247	1,035,382	1,073,111	757,946	5,294,604
	NITROGEN	174,213	134,366	601,283	355,212	360,987	246,125	1,872,185
	PHOSPHATE	89,185	35,975	95,971	140,436	164,925	123,114	649,606
	POTASH	3,529	2,659	4,712	4,642	4,811	12,593	32,946
	TOTAL	266,927	173,000	701,966	500,290	530,723	381,831	2,554,737

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**MONTH-WISE PRODUCT-WISE OFFTAKE DURING KHARIF 2020 AND 2021
(KHARIF 2021)**

		(Tonnes)						
Products	Sources	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	IMPORTED	-	-	-	-	-	-	-
UREA	FFC	163,501	241,203	300,869	286,501	316,522	249,355	1,557,951
UREA	DHCL	-	-	-	-	-	-	-
UREA	PAK-ARAB	311	3	5,594	4,137	6,608	14,576	31,228
UREA	EFERT	109,810	199,904	255,928	239,691	202,766	134,126	1,142,225
UREA	Agri Tech Limited (PAFL)	10,119	12,537	28,891	17,416	37,759	10,754	117,475
UREA	Fatima Fertilizer Company	25,503	47,841	98,956	73,986	84,859	78,339	409,483
UREA	TOTAL	309,245	501,488	690,238	621,731	648,513	487,149	3,258,363
CAN	PAK ARAB	12,204	28,947	41,474	27,105	29,995	13,309	153,033
CAN	Fatima Fertilizer	57,849	51,115	51,010	44,363	49,503	19,424	273,263
CAN	TOTAL	70,052	80,062	92,484	71,467	79,499	32,733	426,297
NP	IMPORTED	-	-	-	-	-	-	-
NP	PAK ARAB	11,855	10,819	11,294	26,891	31,056	20,116	112,032
NP	EFERT	1,927	61	6,122	2,972	4,631	1,560	17,273
NP	Fatima Fertilizer	83,610	27,604	24,109	40,384	50,740	39,937	266,384
NP	TOTAL	97,392	38,484	41,525	70,247	86,427	61,614	395,689
SSP	Imported	0	0	0	0	0	0	-
SSP	LCFL	0	0	0	0	0	0	-
SSP	Agri Tech Limited (PAFL)	1,310	5,553	7,015	8218	7731	5450.5	35,278
SSP	Suraj Fertilizer	1,641	3,032	1,966	2305	1724	2364	13,032
SSP	Safi chemicals	0	200	600	400	500	400	2,100
SSP	TOTAL	2,951	8,785	9,581	10,923	9,955	8,215	50,409
DAP	IMPORTED	24,256	104,378	45,107	100,601	93,501	122,708	490,550
DAP	FFC	21,913	68,855	23,073	92,817	93,031	98,424	398,113
DAP	TOTAL	46,169	173,233	68,180	193,418	186,532	221,132	888,663
SOP	Pacific	-	-	-	-	-	-	-
SOP	Imported	995	770	920	243	-	835	3,763
SOP	Total	4,188	2,546	3,385	5,398	6,611	4,334	26,461
MAP	Imported	5,183	3,316	4,305	5,641	6,611	5,169	30,223
MOP	Imported	953	708	182	128	1,137	5,141	8,249
NPKs	EFERT	3,063	1,699	2,254	5,008	9,452	3,549	25,024
NPKs	Safi chemicals	2,281	3,683	3,684	6,581	9,897	14,393	40,519
AS	Imported	-	-	-	-	-	-	-
	GRAND TOTAL	10,254	6,542	7,696	2,726	3,092	3,342	33,654
	NITROGEN	192,760	292,992	364,996	356,873	374,301	289,326	1,871,247
	PHOSPHATE	42,154	90,088	42,223	106,328	110,005	122,914	513,712
	POTASH	4,797	3,363	4,195	6,919	10,632	7,161	37,068
	TOTAL	239,710	386,443	411,414	470,120	494,938	419,402	2,422,027

FERTILIZER SUPPLY / DEMAND SITUATION DURING KHARIF 2021

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	224,144	90,643	4,935	319,721
Domestic production	1,725,300	320,205	9,412	2,054,917
Imports	142,892	342,297	40,000	525,190
Total Availability	2,092,337	753,145	54,347	2,899,828
Offtake	1,871,247	513,712	37,068	2,422,027
Export	-	-	-	-
Adjustment (+/-)	-15892	-6141	171	-21862
National Inventory	205,198	233,292	17,449	455,940

PRODUCT WISE SUPPLY DEMAND SITUATION DURING KHARIF 2021

Description	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	297,746	67,962	263,054	21,691	57,662	0	3,004	4,450	4,256	2,440	2,961	725,226
Domestic production	3,106,759	410,938	469,038	50,937	444,033	-	4,100	41,834	-	-	-	4,527,639
Imports	-	-	-	-	733,729	-	36,297	-	36,420	9,564	46,976	862,985
Total Availability	3,404,505	478,900	732,092	72,628	1,235,424	-	43,401	46,284	40,675	12,005	49,937	6,115,850
Offtake	3,258,363	426,297	395,689	50,409	888,663	-	30,223	40,519	25,024	8,249	33,654	5,157,088
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)(-)	-30,021	-5,901	-1,952	-265	5,932	0	417	386	21	-880	-814	-33,077
National Inventory	116,121	46,701	334,451	21,954	352,693	-	13,595	6,151	15,673	2,876	15,469	925,685

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING RABI 2020-21 AND RABI 2021-22

(RABI 2020-21)

		(Tonnes)						
Products	Sources	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	Fatimafert (DHCL)	46,258	40,000	2,494	-	-	19,999	108,751
UREA	EFERT	196,536	184,631	189,098	179,037	177,440	166,861	1,093,603
UREA (PAFL)	Agri Tech (Pvt.) Limited	33,520	28,672	5,745	-	-	14,915	82,852
UREA	PAK ARAB	7,697	4,262	5,881	7,267	5,298	2,380	32,785
UREA (PSFL)	FFC	73,528	19,894	65,425	77,283	69,503	76,601	382,234
UREA (PRILLED)	FFC	145,281	142,464	140,318	147,448	126,339	130,589	832,439
UREA (GRANULAR)	FFBL	50,366	54,635	47,948	-	19,813	60,651	233,413
UREA	FATIMA	44,397	40,642	42,040	44,195	37,610	42,164	251,048
UREA	TOTAL	597,583	515,200	498,949	455,230	436,003	514,160	3,017,125
CAN	PAK ARAB	24,049	28,182	27,929	27,313	30,046	12,657	150,176
CAN	FATIMA	42,901	43,198	43,444	40,043	39,139	43,844	252,569
CAN	TOTAL	66,950	71,380	71,373	67,356	69,185	56,501	402,745
NP	PAK ARAB	32,214	33,860	33,203	33,305	23,257	13,014	168,853
NP	EFERT	5,030	11,154	9,140	6,738	2,335	2,286	36,683
NP	Fatima Fertilizer Company	45,591	44,170	44,780	42,893	41,373	45,152	263,959
NP	TOTAL	82,835	89,184	87,123	82,936	66,965	60,452	469,495
SSP (J. WAL 18%)	LCFL	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agri Tech (Pvt.) Limited	7,439	6,605	4,967	5,908	4,742	6,750	36,411
SSP	Suraj Fertilizer	5,900	2,775	2,117	2,333	6,805	5,522	25,452
SSP	Safi Group	225	120	-	-	-	-	345
SSP	Total	13,564	9,500	7,084	8,241	11,547	12,272	62,208
DAP	FFC	76,447	77,136	72,751	16,850	38,271	66,103	347,558
SOP	Pacific	894	851	867	862	856	981	5,311
NPK	EFERT	9,928	2,050	1,050	6,555	5,747	13,747	39,077
NPK	Safi Group	-	-	-	-	-	-	-
	GRAND TOTAL	848,201	765,301	739,197	638,030	628,574	724,216	4,343,519
	NITROGEN	326,126	290,153	281,312	249,813	241,461	278,486	1,667,351
	PHOSPHATE	58,839	58,176	55,020	29,293	36,223	49,262	286,813
	POTASH	2,260	795	623	1,742	1,509	3,070	9,998
	TOTAL	387,225	349,123	336,955	280,848	279,192	330,818	1,964,162

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FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING RABI 2020-21 AND RABI 2021-22

(RABI 2021-22)

		(Tonnes)						
PRODUCTS	SOURCES	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	Fatimafert (DHCL)	45,414	43,656	41,802	43,586	30,973	45,157	250,588
UREA	EFERT	166,986	187,870	189,698	196,836	172,949	198,188	1,112,527
UREA (PAFL)	Agri Tech (Pvt.) Limited	33,613	32,309	35,251	30,513	30,225	32,666	194,577
UREA	PAK ARAB	1,530	2,444	10,560	10,604	9,796	10,620	45,554
UREA (PSFL)	FFC	75,591	73,469	73,713	77,786	69,826	77,179	447,564
UREA (PRILLED)	FFC	134,090	142,248	141,387	131,282	133,320	145,202	827,529
UREA (GRANULAR)	FFBL	43,714	42,981	30,648	34,479	39,134	47,418	238,374
UREA	FATIMA	38,288	7,865	33,608	39,524	33,611	39,823	192,719
UREA	TOTAL	539,226	532,842	556,667	564,610	519,834	596,253	3,309,432
CAN	PAK ARAB	33,626	30,369	35,725	29,308	28,190	28,376	185,594
CAN	FATIMA	43,493	12,500	38,729	44,532	39,711	43,422	222,387
CAN	TOTAL	77,119	42,869	74,454	73,840	67,901	71,798	407,981
NP	PAK ARAB	35,890	28,900	26,936	31,135	26,950	29,350	179,161
NP	EFERT	5,688	7,990	6,127	6,823	5,806	4,805	37,239
NP	Fatima Fertilizer Company	42,969	11,636	25,742	46,249	40,205	44,120	210,921
NP	TOTAL	84,547	48,526	58,805	84,207	72,961	78,275	427,321
SSP (J. WAL 18%)	LCFL	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agri Tech (Pvt.) Limited	7,776	7,809	4,151	5,035	2,626	6,097	33,494
SSP	Suraj Fertilizer	6,068	2,830	369	16	1,808	2,563	13,654
SSP	Safi Group	600	300	300	-	100	80	1,380
SSP	TOTAL	14,444	10,939	4,820	5,051	4,534	8,740	48,528
DAP	FFC	74,759	74,444	75,955	74,791	70,371	77,269	447,589
SOP	Pacific	910	810	1,858	1,555	1,502	1,413	8,048
NPK	EFERT	10,840	7,792	1,100	7,016	6,192	9,613	42,553
NPK	Safi Group	-	-	-	-	-	-	-
	GRAND TOTAL	801,845	718,221	773,659	811,070	743,295	843,361	4,691,451
	NITROGEN	302,081	281,638	302,754	312,499	286,877	325,920	1,811,769
	PHOSPHATE	58,928	48,990	49,497	56,101	50,965	56,919	321,400
	POTASH	2,406	1,852	1,149	2,089	1,875	2,540	11,910
	TOTAL	363,415	332,479	353,400	370,689	339,718	385,379	2,145,079

FERTILIZER IMPORTS DURING RABI 2020-21

MONTH	Urea	DAP	NP	SOP	MOP	AS	SSP	MAP	TOTAL PRODUCTS	(Tonnes)			TOTAL PRODUCTS
										NITROGEN	PHOSPHATE	POTASH	
OCTOBER	-	100,479	-	2,016	3,553	520	-	-	106,568	18,195	46,220	3,140	67,556
NOVEMBER	-	153,700	-	432	1,464	18,765	-	52	174,413	31,612	70,728	1,094	103,434
DECEMBER	-	128,717	-	2,021	2,200	-	-	275	133,213	23,197	59,347	2,331	84,874
JANUARY	-	61,156	-	1,907	1,942	6,500	-	-	71,505	12,373	28,132	2,119	42,624
FEBRUARY	-	850	-	1,264	1,008	-	-	-	3,122	153	391	1,237	1,781
MARCH	-	81,433	-	3,737	2,987	-	-	9,717	97,874	15,630	42,318	3,661	61,608
TOTAL	-	526,335	-	11,377	13,154	25,785	-	10,044	586,695	101,160	247,136	13,581	361,877

FERTILIZER IMPORTS DURING RABI 2021-22

MONTH	Urea	DAP	NP	SOP	MOP	AS	SSP	MAP	TOTAL PRODUCTS	(Tonnes)			TOTAL PRODUCTS
										NITROGEN	PHOSPHATE	POTASH	
OCTOBER	-	274,276	-	2,248	7,339	5,158	-	7,000	296,021	51,153	129,667	5,528	186,347
NOVEMBER	-	30,736	-	5,974	17,976	-	-	8,800	63,486	6,412	18,539	13,773	38,724
DECEMBER	-	-	-	1,722	523	-	-	-	2,245	0	0	1,175	1,175
JANUARY	-	54,863	-	1,075	-	1,500	-	-	57,438	10,190	25,237	538	35,965
FEBRUARY	50,298	15,725	-	632	14	-	-	-	66,669	25,968	7,234	324	33,525
MARCH	49,900	18,700	-	182	1,500	964	-	-	71,246	26,522	8,602	991	36,115
TOTAL	100,198	394,300	-	11,833	27,352	7,622	-	15,800	557,105	120,246	189,278	22,328	331,851

MONTH WISE AND PRODUCT WISE OFFTAKE DURING RABI 2020-21 AND 2021-22

(RABI 2020-21)

									(Tonnes)
PRODUCTS	SOURCES	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL	
UREA	IMPORTED	-	-	-	-	-	-	-	
UREA	FFC	191,232	249,423	398,137	221,235	203,542	219,697	1,483,266	
UREA	DHCL	-	-	-	-	-	-	-	
UREA	PAK ARAB	-	15	-	-	-	-	15	
UREA	EFERT	157,676	183,925	228,814	347,978	160,093	94,076	1,172,562	
UREA	Agritech	13,586	25,510	53,721	2,645	712	1,975	98,149	
UREA	Fatima	50,641	74,211	199,952	76,681	41,856	27,298	470,639	
UREA	TOTAL	413,135	533,084	880,624	648,539	406,203	343,046	3,224,630	
CAN	PAK ARAB	1,061	3,206	447	271	62	35	5,082	
CAN	Fatima	32,416	44,216	74,707	108,604	82,046	55,518	397,507	
CAN	TOTAL	33,477	47,422	75,154	108,875	82,108	55,553	402,589	
NP	Imported	-	67	-	-	-	-	67	
NP	PAK-ARAB	1,821	2,046	1,698	74	4	-	5,643	
NP	EFERT	7,528	9,067	10,935	6,765	2,423	2,955	39,673	
NP	Fatima Fertilizer Company	48,997	75,492	58,775	86,935	68,357	9,143	347,699	
NP	TOTAL	58,346	86,672	71,408	93,774	70,784	12,098	393,081	
SSP	Imported	-	-	-	-	-	-	-	
SSP	LCFL	-	-	-	-	-	-	-	
SSP	Agritech	8,926	7,458	1,406	3,548	3,945	2,553	27,836	
SSP	Suraj Fertilizer	3,667	2,772	463	4,328	5,216	2,239	18,685	
SSP	Safi Chemicals	277	154	-	-	-	-	431	
SSP	TOTAL	12,870	10,384	1,869	7,876	9,161	4,792	46,952	
DAP	IMPORTED	99,424	198,708	127,252	66,651	51,755	81,377	625,168	
DAP	FFC	129,950	158,092	78,531	16,870	37,385	62,383	483,211	
DAP	TOTAL	229,374	356,800	205,783	83,521	89,140	143,760	1,108,379	
TSP	IMPORTED	-	-	-	-	-	-	-	
SOP	Pacific	1,382	1,150	961	1,752	938	970	7,153	
SOP	IMPORTED	4,334	3,413	3,036	2,231	1,787	3,121	17,922	
SOP	TOTAL	5,716	4,563	3,997	3,983	2,725	4,091	25,075	
MAP	IMPORTED	113	58	43	1	130	7,897	8,241	
MOP	IMPORTED	5,633	3,180	2,123	3,383	4,022	3,164	21,504	
NPKs	EFERT	10,315	3,694	2,978	6,483	11,064	16,480	51,014	
NPKs	Safi Group	-	-	-	-	-	-	-	
AS	IMPORTED	4,797	8,685	15,477	14,512	4,811	5,014	53,296	
	GRAND TOTAL	773,775	1,054,541	1,259,456	970,947	680,148	595,895	5,334,761	
	NITROGEN	255,555	343,930	481,659	367,012	242,797	206,724	1,897,677	
	PHOSPHATE	123,474	186,716	112,071	62,583	60,990	79,298	625,131	
	POTASH	8,146	4,878	3,822	5,267	5,906	6,855	34,874	
	TOTAL	387,175	535,524	597,552	434,861	309,693	292,877	2,557,683	

MONTH WISE AND PRODUCT WISE OFFTAKE DURING RABI 2020-21 AND 2021-22

(RABI 2021-22)

		(Tonnes)						
PRODUCTS	SOURCES	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	IMPORTED	-	-	-	-	-	-	-
UREA	FFC	247,649	264,263	263,909	258,297	251,632	237,990	1,523,740
UREA	DHCL	-	-	-	-	-	-	-
UREA	PAK-ARAB	5,965	5,223	10,477	10,528	9,674	10,926	52,793
UREA	EFERT	161,488	200,963	189,435	208,732	169,755	170,565	1,100,938
UREA	Agritech	25,760	33,770	47,275	30,560	30,295	26,585	194,245
UREA	Fatima	73,027	69,816	87,636	89,677	65,487	62,672	448,315
UREA	TOTAL	513,890	574,034	598,732	597,794	526,843	508,738	3,320,030
CAN	PAK-ARAB	39,861	37,644	37,414	29,413	28,339	29,311	201,981
CAN	Fatima	66,495	14,713	39,527	46,599	41,598	39,396	248,327
CAN	TOTAL	106,356	52,356	76,941	76,012	69,937	68,706	450,308
NP	Imported	-	-	-	-	-	-	-
NP	PAK-ARAB	32,518	22,719	15,199	9,581	31,873	12,959	124,849
NP	EFERT	5,855	7,378	2,627	11,306	4,009	2,435	33,610
NP	Fatima Fertilizer Company	81,297	57,895	47,368	27,523	28,948	20,638	263,668
NP	TOTAL	119,670	87,992	65,194	48,409	64,830	36,032	422,127
SSP	Imported	-	-	-	-	-	-	-
SSP	LCFL	-	-	-	-	-	-	-
SSP	Agritech	16,333	12,531	5,965	2,013	2,004	2,348	41,194
SSP	Suraj Fertilizer	10,225	4,231	422	17	1,131	759	16,787
SSP	Safi Chemicals	650	800	400	190	80	70	2,190
SSP	TOTAL	27,208	17,562	6,787	2,220	3,215	3,177	60,171
DAP	IMPORTED	224,693	139,320	39,245	50,822	40,520	41,933	536,533
DAP	FFC	117,594	80,551	77,300	62,001	14,841	37,708	389,995
DAP	TOTAL	342,287	219,871	116,545	112,823	55,361	79,641	926,528
TSP	IMPORTED	-	-	-	-	-	-	-
SOP	Pacific	1,078	765	1,957	1,618	665	747	6,829
SOP	IMPORTED	5,450	3,282	2,298	1,739	1,608	572	14,949
SOP	TOTAL	6,528	4,047	4,255	3,357	2,273	1,318	21,778
MAP	IMPORTED	7,725	1,548	197	2,814	804	597	13,683
MOP	IMPORTED	7,095	7,368	4,370	5,603	2,575	4,152	31,163
NPKs	EFERT	13,946	6,127	1,883	5,681	8,417	7,791	43,845
NPKs	Safi Group	-	-	-	-	-	-	-
AS	IMPORTED	2,447	2,964	3,259	4,815	886	2,163	16,534
	GRAND TOTAL	1,147,153	973,869	878,163	859,528	735,140	712,315	5,306,168
	NITROGEN	355,984	338,927	332,306	328,146	286,546	278,144	1,920,053
	PHOSPHATE	196,907	126,599	70,294	65,934	42,879	49,514	552,127
	POTASH	10,079	7,586	5,106	6,130	4,193	4,636	37,730
	TOTAL	562,970	473,112	407,705	400,210	333,618	332,294	2,509,910

NUTRIENT SUPPLY/DEMAND SITUATION DURING RABI 2021-22

(Tonnes)

DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	205,198	233,292	17,449	455,940
Domestic production	1,811,769	321,400	11,910	2,145,079
Imports	120,246	189,278	22,328	331,851
Total Availability	2,137,213	743,970	51,687	2,932,870
Offtake	1,920,053	552,127	37,730	2,509,910
Export	-	-	-	-
Adjustment (+/-)	105	4,537	2,054	6,696
National Inventory	217,264	196,380	16,012	429,656

PRODUCT WISE SUPPLY DEMAND SITUATION DURING RABI 2021-22

(Tonnes)

DESCRIPTION	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	116,121	46,701	334,451	21,954	352,693	-	13,595	6,151	15,673	2,876	15,469	925,685
Domestic production	3,309,432	407,981	427,321	48,528	447,589	0	8,048	42,553	0	0	0	4,691,452
Imports	100,198	-	-	-	394,300	-	11,833	-	27,352	15,800	7,622	557,105
Total Availability	3,525,751	454,682	761,772	70,482	1,194,582	-	33,476	48,704	43,025	18,676	23,091	6,174,242
Offtake	3,320,030	450,308	422,127	60,171	926,528	-	21,778	43,845	31,163	13,683	16,534	5,306,168
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+/-)	-5,742	801	678	-1	8,334	-	-508	2,914	2,919	2	2661	12,057
National Inventory	199,979	5,175	340,323	10,310	276,388	0	11,190	7,773	14,780	4,994	9,219	880,131

AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING 2021-22

SECTOR / AGENCIES	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	14,414	-	-	-	-	-	-	-	-	-	-	14,414
Total Public Sector	14,414	-	-	-	-	-	-	-	-	-	-	14,414
FFC	3,163,443	-	-	-	1,059,954	-	-	8,289	6,162	-	-	4,237,848
EFERT	2,226,032	-	61,292	-	312,010	88,127	-	12,321	16,411	22,631	8,244	2,747,068
Fatima Fert. (DHCL)	-	-	-	-	-	-	-	-	-	-	-	-
PAK ARAB	100,304	357,694	285,953	-	76,361	-	-	-	-	-	-	820,311
Agri Tech (Pvt.) Limited	327,576	-	-	76,774	-	-	-	-	-	-	-	404,349
Fatima Fertilizer Company Limited	859,097	462,260	490,482	-	28,213	-	-	-	-	-	-	1,840,052
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	26,699	-	-	-	-	-	-	-	26,699
Safi Chemicals	-	-	-	3,730	-	-	-	-	-	-	-	3,730
Pacific Exim	-	-	-	-	57,181	-	-	408	1,204	-	1,445	60,238
Other Private Importers	-	-	-	-	329,005	-	-	21,529	32,596	505	22,879	406,513
Total Private Sector	6,676,451	819,953	837,727	107,202	1,862,724	88,127	-	42,547	56,373	23,136	32,568	10,546,809
Grand Total	6,690,865	819,953	837,727	107,202	1,862,724	88,127	-	42,547	56,373	23,136	32,568	10,561,222

AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING KHARIF 2021

(Tonnes)

SECTOR / AGENCIES	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	-	-	-	-	-	-	-	-	-	-	-	-
Total Public Sector	-	-	-	-	-	-	-	-	-	-	-	-
FFC	1,557,951	-	-	-	485,154	-	-	7,519	6,696	-	-	2,057,320
EFERT	1,142,225	-	17,273	-	143,689	40,519	-	11,917	8,035	7,977	8,139	1,379,774
Fatima Fert. (DHCL)	-	-	-	-	-	-	-	-	-	-	-	-
PAK ARAB	31,228	153,033	112,032	-	22,430	-	-	-	-	-	-	318,722
Agri Tech (Pvt.) Limited	117,475	-	-	35,278	-	-	-	-	-	-	-	152,753
Fatima Fertilizer Company Limited	409,483	273,263	266,384	-	8,283	-	-	-	-	-	-	957,414
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	13,032	-	-	-	-	-	-	-	13,032
Safi Chemicals	-	-	-	2,100	-	-	-	-	-	-	-	2,100
Pacific Exim	-	-	-	-	49,509	-	-	-	1,152	-	3,269	53,929
Other Private Importers	-	-	-	-	179,599	-	-	10,787	9,141	272	22,246	222,045
Total Private Sector	3,258,363	426,297	395,689	50,409	888,663	40,519	-	30,223	25,024	8,249	33,654	5,157,089
Grand Total	3,258,363	426,297	395,689	50,409	888,663	40,519	-	30,223	25,024	8,249	33,654	5,157,089

AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING RABI 2021-22

SECTOR / AGENCIES	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	-	-	-	-	-	-	-	-	-	-	-	-
Total Public Sector	-	-	-	-	-	-	-	-	-	-	-	-
FFC	1,523,740	-	-	-	504,866	-	-	3,042	305	-	-	2,031,953
EFERT	1,100,938	-	33,610	-	155,936	43,845	-	4,944	6,480	13,355	3,967	1,363,075
Fatima Fert. (DHCL)	-	-	-	-	-	-	-	-	-	-	-	-
PAK ARAB	52,793	201,981	124,849	-	55,184	-	-	-	-	-	-	434,807
Agri Tech (Pvt.) Limited	194,245	-	-	41,194	-	-	-	-	-	-	-	235,439
Fatima Fertilizer Company Limited	448,315	248,327	263,668	0	17,352	-	-	-	-	-	-	977,662
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	16,787	-	-	-	-	-	-	-	16,787
Safi Chemicals	-	-	-	2,190	-	-	-	-	-	-	-	2,190
Pacific Exim	-	-	-	-	13,038	-	-	408	413	-	544	14,403
Other Private Importers	-	-	-	-	180,152	-	-	13,384	23,965	328	12,023	229,854
Total Private Sector	3,320,030	450,308	422,127	60,171	926,528	43,845	-	21,778	31,163	13,683	16,534	5,306,168
Grand Total	3,320,030	450,308	422,127	60,171	926,528	43,845	-	21,778	31,163	13,683	16,534	5,306,168

COMPARATIVE FERTILIZER DEMAND ESTIMATES UPTO RABI 2022-23

(Tonnes)						
Months	Nitrogen	Phosphate	Potash	Total	Urea	DAP
Apr-21	192,760	42,154	4,797	239,710	309,245	46,169
May-21	292,992	90,088	3,363	386,443	501,488	173,233
Jun-21	364,996	42,223	4,195	411,414	690,238	68,180
Jul-21	356,873	106,328	6,919	470,120	621,731	193,418
Aug-21	374,301	110,005	10,632	494,938	648,513	186,532
Sep-21	289,326	122,914	7,161	419,402	487,149	221,132
Kharif 2021	1,871,247	513,712	37,068	2,422,027	3,258,363	888,663
Oct-21	355,984	196,907	10,079	562,970	513,890	342,287
Nov-21	338,927	126,599	7,586	473,112	574,034	219,871
Dec-21	332,306	70,294	5,106	407,705	598,732	116,545
Jan-22	328,146	65,934	6,130	400,210	597,794	112,823
Feb-22	286,546	42,879	4,193	333,618	526,843	55,361
Mar-22	278,144	49,514	4,636	332,294	508,738	79,641
Rabi 2021-22	1,920,053	552,127	37,730	2,509,910	3,320,031	926,528
Apr-22	259,674	59,952	2,686	322,312	458,952	95,231
May-22	238,895	60,490	2,721	302,106	417,521	94,383
Jun-22	398,933	80,724	3,024	482,682	736,970	145,499
FY 2020-21	3,838,056	1,092,541	70,873	5,001,469	6,690,866	1,862,723
Jul-22	261,614	46,714	1,477	309,805	462,808	67,117
Aug-22	283,208	17,173	691	301,072	552,349	26,005
Sep-22	263,655	38,269	2,331	304,255	507,922	62,634
Kharif 2022	1,705,980	303,323	12,929	2,022,232	3,136,522	490,869
Oct-22	234,679	43,721	1,610	280,010	429,643	71,459
Nov-22	350,976	131,434	581	482,992	583,066	236,405
Dec-22	482,310	107,073	427	589,810	833,205	157,519
Jan-23	340,418	60,471	6,067	406,956	631,276	95,846
Feb-23	248,328	46,988	5,036	300,352	503,069	97,654
Mar-23	217,703	53,845	4,939	276,487	403,399	100,874
Rabi 2022-23	1,874,414	443,532	18,660	2,336,607	3,383,658	759,757

NUTRIENT (NPK) WISE FERTILIZER SUPPLY AND DEMAND PROJECTIONS UP TO 2026-27

('000'NutrientTonnes)

Year	Nitrogen (N)			Phosphate (P)			Potash (K)			NPK
	Production	Offtake/ Demand	Surplus/ Deficit	Production	Offtake/ Demand	Surplus/ Deficit	Domestic Supply	Offtake/ Demand	Surplus/ Deficit	Offtake/ Demand
2021-22	3545	3838	-293	644	1093	-448	22	71	-49	5,002
2022-23	3420	3561	-141	550	758	-208	20	33	-13	4,352
2023-24	3420	3742	-322	550	1287	-737	20	65	-45	5,093
2024-25	3420	3835	-415	550	1351	-801	20	68	-48	5,254
2025-26	3420	3931	-511	550	1419	-869	20	71	-51	5,421
2026-27	3420	4029	-609	550	1490	-940	20	75	-55	5,594

Note: The figures of 2021-22 are actual while the offtake figures of 2022-23 are estimates and from 2023-24 to 2026-27 are projections. The figures relating to production beyond 2022-23 show production capacity not the actual production.

GAS CONSUMPTION BY PLANTS DURING 2020-21

(MMCF)

COMPANY	CONSUMPTION	JUL '20	AUG '20	SEP '20	OCT '20	NOV '20	DEC '20	JAN '21	FEB '21	MAR '21	APR '21	MAY '21	JUN '21	TOTAL
Sui Northern Gas Pipelines Limited														
Pak-Arab	Feed	-	0	0	0	0	0	0	0	0	0	0	0	-
	Fuel	1	1	1	2	3	3	4	3	3	2	2	2	27
Hazara Phosphate	Feed	-	0	0	0	0	0	0	0	0	0	0	0	-
	Fuel	8	4	5	5	5	1	2	4	5	5	4	4	52
EFERT	Feed	3,393	3,303	3,345	3,254	3,151	3,210	3,185	2,915	3,253	3,151	3,184	3,072	38,416
Mari through SNGPL	Fuel	280	264	265	268	266	288	289	261	252	244	269	266	3,212
	Total	3,682	3,572	3,616	3,529	3,425	3,502	3,480	3,183	3,513	3,402	3,459	3,344	41,707
Oil and Gas Development Company Limited														
EFERT	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	311	305	292	298	285	330	349	310	308	313	326	310	3,735
	Total	311	305	292	298	285	330	349	310	308	313	326	310	3,735
Liquefied Natural Gas (LNG)														
Agritech Limited	Feed	-	649	725	771	688	157	-	-	351	781	799	686	5,607
	Fuel	14	131	148	155	138	31	-	-	78	162	168	145	1,170
Fatimafert (DHCL)	Feed	-	888	1,020	1,109	1,039	112	-	-	513.00	1,114	1,115.00	993.00	7,903
	Fuel	12	205	243	265	231	43	7	8	112	214	239	230	1,809
	Total	26	1,873	2,136	2,300	2,096	343	7	8	1,054	2,271	2,321	2,054	16,489
Sui Southern Gas Company Limited														
FFBL	Feed	1,768.25	1,785.63	1,635.96	1,873.89	1,806.46	1,687.61	4.03	960.69	1,888.44	1,769.33	1,892.00	1,446.60	18,519
	Fuel	14.63	21.64	12.92	5.77	11.90	12.62	74.19	12.43	8.08	6.17	4.35	7.05	192
	Total	1,783	1,807	1,649	1,880	1,818	1,700	78	973	1,897	1,775	1,896	1,454	18,711
Mari Gas Company Limited														
EFERT	Feed	2,063	1,956	2,125	2,242	2,160	2,099	2,246	2,048	1,674	1,507	2,345	2,184	24,649
	Fuel	833.55	905	836	1,018	949	917	755	758	805	886	1,024	1,045	10,733
	Total	2,897	2,861	2,960	3,261	3,110	3,016	3,001	2,806	2,479	2,393	3,369	3,229	35,381
FFC-1& 2	Feed	4,370	4,420	4,241	4,383	4,241	4,364	4,413	3,881	4,247	4,288	4,342	3,480	50,669
	Fuel	1,126	1,035	992	1,025	1,024	1,061	1,032	915	933	988	998	788	11,917
	Total	5,496	5,455	5,232	5,409	5,265	5,425	5,444	4,796	5,180	5,277	5,340	4,267	62,586
FFC-III (MM)	Feed	2,382	2,386	2,332	2,445	997	2,373	2,455	2,214	2,447	2,363	2,441	2,343	27,177
	Fuel	432	442	412	412	263	445	425	404	445	453	457	449	5,038
	Total	2,814	2,828	2,744	2,857	1,261	2,817	2,879	2,618	2,892	2,816	2,899	2,792	32,215
Fatima Fertilizer	Feed	2,990	3,004	2,852	2,983	2,873	2,972	2,936	2,631	2,881	2,810	2,891	2,763	34,588
	Fuel	436	426	406	398	375	386	403	339	381	374	397	399	4,718
	Total	3,426	3,430	3,258	3,381	3,249	3,357	3,339	2,971	3,262	3,184	3,288	3,162	39,306
Pak-Arab	Feed	996.74	1,235.69	1,191.16	1,253.58	1,235.46	1,252.40	1,250	1,118	544	1,175	1,228	1,198	13,677
	Fuel	216	164.74	186.66	210.22	214	289	284	260	189	345	305	325	2,989
	Total	1,212	1,400	1,378	1,464	1,450	1,542	1,534	1,378	733	1,521	1,533	1,523	16,667
Total	Feed	17,962	19,627	19,466	20,315	18,192	18,227	16,488	15,767	17,798	18,959	20,237	18,166	221,205
	Fuel	3,684	3,903	3,799	4,062	3,766	3,806	3,624	3,274	3,519	3,993	4,193	3,969	45,591
Grand Total	Total	21,646	23,530	23,265	24,377	21,957	22,033	20,112	19,041	21,317	22,952	24,431	22,134	266,796

GAS CONSUMPTION BY PLANTS DURING 2021-22

(MMCF)

COMPANY	CONSUMPTION	JUL' 21	AUG' 21	SEP' 21	OCT' 21	NOV' 21	DEC' 21	JAN' 22	FEB' 22	MAR' 22	APR' 22	MAY' 22	JUN' 22	TOTAL
Sui Northern Gas Pipelines Limited														
Pak-Arab	Feed													-
	Fuel	1	2	2	2	3	4	4	3	2	2	1	1	27
Hazara Phosphate	Feed													-
	Fuel	3	3	5	5	5	3	3	2	3	3	2	2	39
EFERT	Feed	3,228	3,244	1,023	3,047	3,129	3,266	3,222	2,869	3,238	3,119	3,134	2,593	35,112
Mari through SNGPL	Fuel	280	280	103	271	264	283	286	251	280	279	280	235	3,092
	Total	3,512	3,529	1,133	3,325	3,401	3,556	3,515	3,125	3,523	3,403	3,417	2,831	38,270
Oil and Gas Development Company Limited														
EFERT	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	311	305	292	298	285	330	349	310	308	313	326	310	3,735
	Total	311	305	292	298	285	330	349	310	308	313	326	310	3,735
Liquefied Natural Gas (LNG)														
Agritech Limited	Feed	5	-	282	757	717	747	742	697	771	725	565	677	6,685
	Fuel	3	-	66	165	191	202	189	179	187	187	157	193	1,719
Fatimafert (DHCL)	Feed	13	-	233	1,104	1,076	1,058	1,074.00	812.00	1,111.00	1,070	803.00	935.00	9,289
	Fuel	20	9	98	281	267	283	266	198	262	282	209	225	2,400
	Total	41	9	679	2,307	2,251	2,290	2,271	1,886	2,331	2,264	1,734	2,030	20,093
Sui Southern Gas Company Limited														
FFBL	Feed	1,722	1,844	1,671	1,564	1,567	1,341	1,465	1,438	1,694	1,700	1,750	1,644	19,400
	Fuel	5.27	2.85	89.81	7.69	5.83	10.53	21.32	3.81	2.93	2.65	4.02	1.24	158
	Total	1,728	1,846	1,761	1,572	1,573	1,352	1,486	1,442	1,697	1,703	1,754	1,645	19,558
Mari Gas Company Limited														
EFERT	Feed	2,276	2,349	2,210	2,191	2,213	2,307	2,341	2,058	2,332	2,239	2,287	2,068	26,871
	Fuel	983.5	1,014	796	869	722	573	719	712	781	897	989	965	10,020
	Total	3,259	3,362	3,006	3,061	2,935	2,880	3,060	2,770	3,113	3,137	3,275	3,033	36,891
FFC-1& 2	Feed	4,440	4,457	4,298	4,422	4,326	4,486	4,402	4,055	4,495	4,346	4,431	4,319	52,478
	Fuel	1,076	1,087	970	953	916	942	919	900	992	1,022	1,037	979	11,792
	Total	5,516	5,544	5,268	5,375	5,243	5,428	5,321	4,954	5,487	5,367	5,468	5,298	64,269
FFC-III (MM)	Feed	2,430	2,440	2,362	2,455	2,384	2,483	2,488	2,255	2,487	2,399	2,475	2,372	29,029
	Fuel	395	342	435	417	381	381	407	387	427	456	466	466	4,960
	Total	2,825	2,782	2,796	2,871	2,764	2,864	2,896	2,642	2,913	2,855	2,942	2,838	33,988
Fatima Fertilizer	Feed	2,884	2,895	2,786	2,881	733	2,698	2,927	2,601	2,868	2,725	2,838	2,742	31,577
	Fuel	421	429	417	431	288	368	383	354	393	389	406	393	4,672
	Total	3,305	3,324	3,202	3,311	1,021	3,066	3,310	2,955	3,261	3,113	3,245	3,135	36,249
Pak-Arab	Feed	1,219	1,211	1,166	1,245	1,070	1,401	1,342	1,217	1,359	1,312	1,092	1,330	14,963
	Fuel	345	282	295	292	299	323	322	300	332	320	319	352	3,781
	Total	1,564	1,493	1,460	1,537	1,369	1,723	1,664	1,517	1,691	1,632	1,411	1,682	18,744
Total	Feed	18,217	18,439	16,030	19,666	17,214	19,787	20,004	18,002	20,354	19,635	19,375	18,680	225,403
	Fuel	3,843	3,757	3,568	3,991	3,627	3,701	3,868	3,599	3,969	4,152	4,196	4,123	46,394
Grand Total	Total	22,060	22,196	19,598	23,657	20,841	23,488	23,872	21,601	24,323	23,787	23,571	22,803	271,797

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