

FERTILIZER REVIEW

2023-24

**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**

Review Report 1/2024

The National Fertilizer Development Centre

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Fertilizer Review 2023-24

1 Agriculture 2 Fertilizer 3 Statistics
I Title II NFDC

ISBN- 978-969-7888-08-5

Price Rs. 3,000.00 or US \$ 1000.00

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FOREWORD

Fertilizer Review is annual publication of National Fertilizer Development Centre, Ministry of National Food Security and Research. It is a comprehensive document covering various aspects of fertilizer i.e., domestic production, imports and price trend (national and international) on seasonal (Kharif and Rabi) as well as fiscal year basis. Fertilizer offtake at national, provincial and district level has also been included. Market prices of agriculture commodities and availability of credit have crucial role in determining fertilizer demand. Hence, economics of fertilizer use and disbursement of agriculture credit by banking sector has been discussed. Fertilizer and cereal supply/demand scenario at global level is also part of the review report.

The cooperation of fertilizer manufacturers / importers, Provincial Agriculture Departments, Pakistan Bureau of Statistics, State Bank of Pakistan and gas distribution companies for providing information is thankfully acknowledged. Dr. Muhammad Islam, Assistant Chief and Dr. Yasir Mahmood, Research Officer compiled the document. Others who contributed to the preparation of the report included Dr. Ahmad Ali Khan and Mr. Baber Ali Qureshi, Assistant Chiefs. Mr. Sibghat Ullah, DEO formatted the report. The contribution of all NFDC staff who worked under the guidance of Dr. Saleem Mohsan, Chief is commendable.

It is hoped that information presented in the report would be useful to those involved in policy planning, extension, research, fertilizer production, import and marketing. Any suggestion for improving the scope of this publication will be appreciated.

Ali Tahir
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
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
MAP	Mono-Ammonium Phosphate
MMCF	Million Cubic Feet
MPCL	Mari Petroleum Company Limited
mm	Millimeter
MOP	Muriate of Potash
N	Nitrogen
NFDC	National Fertilizer Development Centre
NFML	National Fertilizer Marketing Limited
NP	Nitrophos
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 an important and costly crop production input. One kg of fertilizer nutrient produces equivalent to 12 kg wheat, 19 kg paddy or 114 kg stripped sugarcane. Any surge in fertilizer prices has adverse impact on its use and crop productivity. An increase in price of urea by Rs. 100 per 50 kg bag puts an additional financial burden of Rs. 13 billion per annum on farming community. Therefore, monitoring of fertilizer supply / demand and prices situation has gained immense importance with respect to policy formulation and is one of the core activities of National Fertilizer Development Centre (NFDC). Highlights of fiscal year 2023-24, Kharif 2023 and Rabi 2023-24 with regard to fertilizer sector are given below.

Fertilizer Supply

Overall fertilizer availability during 2023-24 was 5,288 thousand nutrient tonnes, which witnessed an increase of 10.5 per cent over last fiscal year 2022-23. Total availability of nitrogen, phosphate and potash was 4,103, 1,129 and 56 thousand nutrient tonnes, respectively. Product-wise availability was; urea 7,027, DAP 1,814 and Nitrophos 1,263 thousand product tonnes. About 89.7 per cent of the country's requirement during 2023-24 was met through domestic production. The deficit of 10.3 per cent between production and offtake was met through imports and carry over inventory.

Domestic Production

Total domestic production of all fertilizer products during 2023-24 was 9,362 thousand tonnes compared to 8,409 thousand tonnes during 2022-23, showing an increase of 11.3 per cent. This was due to production of urea from two SNGPL based plants (Fatima Fert and Agritech) during the entire year (2023-24). Urea production during 2023-24 was 6,591 thousand tonnes (6,033 thousand tonnes in 2022-23) followed by NP 931, CAN 888, DAP 816, SSP 86, NPK of various grades 27 and SOP 22 thousand tonnes.

The production, in nutrient terms, increased from 3,787 thousand tonnes during 2022-23 to 4,240 thousand tonnes during 2023-24; showing an increase of 12 per cent. Nitrogen production was 3,624 thousand tonnes (85.5 per cent share in total nutrients production) and recorded an increase of 10.3 per cent while phosphate production was 601 thousand tonnes (14.2 per cent share in total nutrients production), which increased by 23.3 per cent. Potash production (in NPKs and SOP) was 16 thousand tonnes (0.4 per cent share in total nutrients production) and recorded an increase of 22.7 per cent, over 2022-23.

It is highlighted that M/s Agven installed new SOP plant at Gwadar having production capacity of 20 thousand tonnes per annum which started production in January, 2024. Another new SOP plant of 10 thousand tonnes annual capacity by M/s Akbari group at Sheikhpura has started production.

Imports

The fertilizer imports during 2023-24 were 1,128 thousand product tonnes compared with 873 thousand tonnes during 2022-23 showing an increase of 29.2 per cent. Product-wise imports were: DAP 724, urea 220, AS 130, SOP 35, MOP 18 and MAP 1 thousand tonne.

Offtake

Offtake of all nutrients during 2023-24 was 4,816 thousand tonnes as compared to 4,366 thousand tonnes in 2022-23, representing an increase of 10.3 per cent. Of this, nitrogen, phosphate and potash were 3,775, 996 and 45 thousand tonnes, respectively. An increase of 4.8 per cent was observed in nitrogen, 35.7 per cent in phosphate and 56.7 per cent in potash during 2023-24 as compared to 2022-23. Fertilizer offtake restored to normal level during 2023-24 after record low offtake witnessed in 2022-23 due to occurrence of floods. Urea offtake registered an increase of 1.7 per cent from 6,470 thousand tonnes in 2022-23 to 6,579 thousand tonnes in 2023-24. The DAP offtake increased from 1,141 thousand tonnes in 2022-23 to 1,615 thousand tonnes in 2023-24; representing an increase of 41.6 per cent. The offtake of other products during 2023-24 was: NP 1,012, CAN 793, SSP 92, AS 69, SOP 58, NPK's 41, MOP 14 and MAP 1 thousand tonnes.

Nutrients Use Ratio

Balanced nutrient's use is the key to determine yield and quality of crops. Nitrogen to phosphate use ratio was 3.79:1 during 2023-24 against recommended ratio of 2:1. Potash use far less than requirement is impacting negatively crops' productivity. Provincial Agriculture departments will have to adopt the implementable strategies for promoting use of potash keeping in view the small farmers' constraints and high cost of potassic fertilizers.

Province-wise Offtake/Shares

Punjab's share in overall nutrient offtake during 2023-24 was 69.2 per cent, Sindh 23.3 per cent, Khyber Pakhtunkhwa 4.2 per cent and Balochistan 3.2 per cent. The overall provincial share remained more or less the same as was witnessed during the preceding years.

Nutrient Offtake per Hectare

At national level, average offtake of all nutrients per hectare of gross cropped area was 199 kg during 2023-24 (182 kg/ha during 2022-23).

Average fertilizer offtake in Sindh province was the highest at 339 kg/ha of gross cropped area, followed by Punjab and KP (189 and 112 kg/ha). The fertilizer nutrient offtake was 85 kg/ha in Balochistan, during 2023-24.

Seasonal Supply/Demand Situation

Kharif 2023

During Kharif 2023, overall product availability was 5,573 thousand tonnes, representing a decrease of 3.3 per cent over Kharif 2022. Out of total availability, domestic fertilizer production was 4,624 thousand product tonnes, against 4,580 thousand tonnes during Kharif 2022 showing an increase of 1.0 per cent. Production of urea and DAP during Kharif 2023 was 3,328 and 392 thousand tonnes, respectively. Production of urea increased by 5.4 per cent while that of DAP decreased by 13 per cent during Kharif 2023 over Kharif 2022.

Overall fertilizer offtake was 5,281 thousand tonnes which was 19.8 per cent more than previous Kharif. Urea and DAP offtake was 3,322 and 758 thousand tonnes, respectively; thereby registering an increase of 5.9 per cent in case of urea and 54.4 per cent in case of DAP over Kharif 2022. Offtake of DAP seems high due to extraordinary low offtake due to occurrence of floods in previous year.

Rabi 2023-24

During Rabi 2023-24, total fertilizer availability was about 5,994 thousand tonnes, witnessing an increase of 0.9 per cent over Rabi 2022-23. Share of domestic production was 4,806 thousand product tonnes, showing an increase of 21.2 per cent when compared to Rabi 2022-23. Quantum of urea and DAP produced during Rabi 2023-24 was 3,401 and 393 thousand tonnes, respectively.

The total fertilizer offtake in Rabi 2023-24 was 5,398 thousand tonnes compared to 5,181 thousand tonnes in Rabi 2022-23, representing an increase of 4.2 per cent. Offtake of urea and DAP was 3,525 and 876 thousand tonnes, respectively. Urea offtake increased by 1.6 per cent and DAP by 23.4 per cent, over previous Rabi.

Prices

Prices of all fertilizers products i.e. nitrogenous, phosphate and potash increased during 2023-24. The average price of urea (Sona), urea (other) and CAN was Rs. 4,295, Rs. 4,143 and Rs. 3,710 per 50 kg bag, respectively. On the other hand, average price of DAP, NP and SOP was Rs. 11,924, Rs. 7,335 and Rs. 12,263 per 50 kg bag, respectively.

The prices of both urea and DAP experienced upward trend in international markets during 2023-24. The average price of urea in Middle East and China was US \$ 346.9 and US \$ 344.1 per tonne FOB, respectively. The average price of DAP in China was US \$ 553 per tonne FOB while in Australia; it was US \$ 571.7 per tonne FOB.

Natural Gas Consumption

About 274,449 million cubic feet gas was consumed by fertilizer plants during the fiscal year 2023-24. About 83.5 per cent of gas supplies was used as feed stock and 16.5 per cent for fuel purpose.

Global Fertilizer Situation

The world fertilizer consumption data depicts that fertilizer consumption was around 197.8 million nutrient tonnes in fertilizer year 2023-24 which was 4.4 per cent higher compared with previous year. Major increase (9.5 %) was observed in potash followed by phosphate (3.8 %) and nitrogen (3 %). This increase may be attributed to improved affordability on the back of falling prices since their peak in May 2022. Fertilizer consumption is expected to reach 203.7 million tonnes during 2024-25, registering an increase by 3 per cent over 2023-24.

Economics of Fertilizer Use

The benefit cost ratio of farmer changes with passage of time due to variation in prices of fertilizers and major crops. Average price of urea during Kharif 2023 increased by Rs. 1,045 while that of DAP decreased by Rs. 769 per 50 kg bag over Kharif 2022. During Rabi 2023-24, increases of Rs. 1,690 and Rs. 2137 per 50 kg bag in price of urea and DAP, respectively were observed over Rabi 2022-23. Indicative / intervention prices of Sugarcane and Cotton were enhanced by the government to mitigate the inputs cost during 2023-24 while support price for wheat remained at previous year level. However, Punjab Food Department did not procure wheat whereas, PASSCO and Sindh Food Department purchased 1.785 and 0.894 million tonnes, respectively during 2023-24. Market price of sugarcane increased by Rs. 97 per 40 kg while that of wheat and seed cotton decreased by Rs. 761 and 421 per 40 kg during 2023-24 compared with 2022-23. Hence, during fiscal year

2023-24, urea fertilizers remained costlier for almost all crops at market price while DAP remained cheaper for Rice, Sugarcane and Cotton growers as compared to previous fiscal year 2022-23.

Demand Forecast: Outlook 2024-25

Economic recession due to low wheat price and reduction in cotton acreage in Punjab (20%) and Sindh (12%) is adversely affecting fertilizer offtake. Consequently, fertilizer demand during 2024-25 is projected to decrease by 4 per cent in nutrient terms. In product terms, offtake of urea is estimated to decrease by 4.3 per cent. However, DAP offtake is expected to increase by 5.8 per cent mainly due to disbursement of interest free loan to small farmers by the Punjab Government through Kissan Card for purchase of Agri. inputs (seed and fertilizer).

Policy Issues

- There is inequality in price of feedstock gas for fertilizer plants receiving gas from different distribution companies although the price of finished product is more or less the same. Plants receiving gas from MPCL are still enjoying concessional price of feedstock gas (Rs. 580 per MMBTU). Full benefit of cheap gas is not being passed on to farming community.
- Imposition of 5% GST and 3% VAT on DAP imports during 2023-24 has disturbed the level playing field for private importers as compared to local manufacturer which has resulted in higher DAP prices and its less use.
- Fertilizer use efficiency is low as soils are more deficient in organic matter as compared to 50 years ago because of lack of mechanization on about 60 per cent cultivated area. Hence, deteriorated soil health is hindering to get full impact of agricultural inputs (including fertilizers) in terms of better yields. Provincial agriculture departments will have to address this issue through ensuring crop production technologies specific to small farmers, farm level composting, integrated nutrient management, interest free loan to small farmers etc.
- Now there is need to have a new fertilizer policy keeping in view the future needs of the crops, depleting reserves of natural resources / raw materials globally and greenhouse gas emissions in the field. Incentives to fertilizer industry should be linked to production of efficient fertilizer products.

1. INTRODUCTION

Fertilizer Review 2023-24, presents extensive details of fertilizer products and nutrients availability by season and year at national level. The review report covers different aspects of fertilizer like production, import and offtake upto district level. Fertilizer prices prevailing in major domestic and international markets during 2023-24 have been reported. It also includes market shares of different fertilizer agencies by product, economics of fertilizer use for different crops and short-term demand estimates.

2. FERTILIZER AVAILABILITY

2.1 Domestic production

Overall fertilizer production remained 9,362 thousand tonnes during 2023-24 which was 11.3 per cent more than previous year (Table 1). Two SNGPL based urea plants (Fatima Fert and Agritech) remained operational during entire 2023-24, resulting in overall increase in urea production by 9.3 per cent over 2022-23. Domestic production in terms of fertilizer nutrient increased by 12 per cent i.e., from 3,787 in 2022-23 to 4,240 thousand nutrient tonnes in 2023-24. Out of total domestic production, 3,624 thousand nutrient tonnes (85.5 per cent share) was nitrogen, 601 thousand nutrient tonnes (14.2 per cent share) was phosphate and 16 thousand nutrient tonnes was potash.

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 NPKs are also formulated / blended in small quantities. Urea is the leading nitrogenous fertilizer with share of 70.4 per cent in total fertilizer production. The share of other products was: NP (9.9 per cent), CAN (9.5 per cent), DAP (8.7 per cent), SSP (0.9 per cent), NPKs various grades (0.29 per cent) and SOP (0.2 per cent), respectively.

The urea plants produced 99 per cent of their installed capacity whereas overall performance of all fertilizer plants was 96 per cent. The products manufactured during 2023-24, were urea 6,591, NP 931, CAN 888, DAP 816, SSP 86, NPK's of various grades 27 and SOP 22 thousand tonnes. The detailed month-wise fertilizer production by product, nutrient and manufacturer is given in Annex-1.

It is highlighted that M/s Agven installed new SOP plant at Gwadar having production capacity of 20 thousand tonnes per annum which started production in January, 2024. Another new SOP plant of 10 thousand tonnes annual capacity by M/s Akbari group at Sheikhpura has started production.

2.2 Imports

The gap between demand and domestic production is met through imports which is handled by private sector except urea. Urea is occasionally imported by Government (as 90-95 per cent of the demand is met through local production) to keep the price of local and imported urea at par.

Domestic production met about 89.7 per cent of total fertilizer requirements during 2023-24 (88.9 per cent during 2022-23) and the gap between demand and domestic production (10.3 per cent) was met through imports (Table 5). A total quantity of 1,128 thousand tonnes of various products (621 thousand tonnes in terms of nutrients), was made available through imports (Table 2). Volume of imported fertilizers increased by 29.2 per cent in product terms due to increase in fertilizer demand.

Table 1. Domestic fertilizer production during 2023-24

Products	Manufacturer	Annual Production capacity ('000 t)	2022-23		2023-24		Per cent change Over 2022-23	Production as % of installed capacity during 2023-24
			Production ('000 t)	Per cent share	Production ('000 t)	Per cent share		
PRODUCTS								
Urea	Fatima Fert (DHCL)	445	377	4.5	525	5.6	39	118
Urea	EFERT	2275	1951	23.2	2164	23.1	11	95
Urea (PFL)	PAK ARAB	99	87	1.0	100	1	14	101
Urea (PAFL)	Agri Tech (Pvt.) Ltd.	430	275	3.3	374	4.0	36	87
Urea (prilled)	FFC	1640	1584	18.8	1697	18.1	7	103
Urea (granular)	FFBL	551	444	5.3	383	4.1	-14	70
Urea (PSFL)	FFC	718	821	9.8	825	8.8	1	115
Urea	Fatima Fertilizer Co.	500	494	5.9	523	5.6	6	105
Urea	Total	6658	6033	71.7	6591	70.4	9.3	99.0
CAN (PAR)	PAK ARAB	450	322	3.8	402	4.3	25	89
CAN	Fatima Fertilizer Co.	470	498	5.9	486	5.2	-2	103
CAN	Total	920	820	9.8	888	9.5	8.3	97
NP(PAR)	PAK ARAB	330	325	3.9	391	4.2	20	119
NP	EFERT	40	51	0.6	108	1.2	110	271
NP	Fatima Fertilizer Co.	490	416	4.9	432	4.6	4	88
NP	Total	860	792	9.4	931	9.9	17.6	108
DAP-SONA	FFC	736	635	7.6	816	8.7	28.4	111
SSP	LCFL (Al Hamd)*	108	-	-	-	-	-	-
SSP	Agritech Limited	90	70	0.8	79	0.8	12.6	88
SSP	Suraj Fertilizer	150	6	0.1	7.4	0.1	21.8	5
SSP	Safi Chemicals	40	0.1	0.0	0.1	0.0	-42	0.2
SSP	Total	388	76	0.9	86	0.9	13.2	22
SOP	Pacific Exim	20	12	0.1	18	0.2	44	88
SOP	Agven	20	0	-	4	0.0	0	20
SOP	Total	40	12	0.1	22	0.2	76.4	54
NPK (Various Grades)	EFERT	120	40	0.5	27	0.29	-32	23
NPK	Safi Chemicals	40	-	-	-	-	-	-
All Products	Total	9762	8409	100	9362	100	11.3	96
NUTRIENTS								
	Nitrogen		3287	86.8	3,624	85.5	10.3	
	Phosphate		488	12.9	601	14.2	23.3	
	Potash		12.8	0.3	16	0.4	22.7	
	Total		3,787	100	4240	100	12.0	

* LCFL plant has been shut down by the owner since May 2016.

Out of total fertilizer imports, DAP has the major share of 64 per cent. Quantitatively, imports were: DAP 724, Urea 220, AS 130, SOP 35 and MOP 18 thousand tonnes. The volume of MAP import was one thousand tonne only. The data are summarized in Table 2 and month-wise details are shown in Annex-2.

Table 2. Fertilizer imports during 2023-24

('000 tonnes)

Products	Imports				2023-24		Per cent change over 2022-23
	2019-20	2020-21	2021-22	2022-23	Imports	Per cent share	
PRODUCTS							
Urea	101	-	100	400	220	20	-45
DAP	1,211	1,263	894	444	724	64	63
SSP	-	-	-	-	-	-	-
SOP	20	36	42	16	35	3	119
NP	-	-	-	-	-	-	-
MOP	24	54	43	0.6	18	2	-
AS	93	92	21	12	130	12	-
TSP	0	-	-	0.3	-	-	-
MAP	41	11	25	0.9	1	0	8
All Products	1,490	1,454	1,125	873	1,128	100	29.2
NUTRIENTS							
Nitrogen	288	248	214	266	259	42	-3
Phosphate	578	586	423	205	333	54	63
Potash	24	50	47	8	28	4.5	240
Total	890	884	684	479	621	100	29.5

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

3. FERTILIZER OFFTAKE DURING 2023-24

3.1 Offtake by nutrients

Total fertilizer offtake of all nutrients (N+P₂O₅+K₂O) was 4,816 thousand tonnes during 2023-24 as compared with 4,366 thousand tonnes during 2022-23 which witnessed an increase of 10.3 per cent. Nitrogen, phosphate and potash offtake increased by 4.8, 35.7 and 56.7 per cent, respectively. Offtake of all three nutrients (N, P & K) restored to normal level as exceptionally low offtake was witnessed during 2022-23 due to occurrence of floods in main irrigated area.

Total nutrients offtake during 2023-24, compared with the last four years is given in Table 3 and details are in Annex-3.

Table 3. Nutrients offtake during 2023-24 compared with previous years

('000 tonnes)

Nutrient	2019-20	2020-21	2021-22	2022-23	2023-24
Nitrogen	3,415	3,711	3,838	3,604	3,775
Phosphate	1,084	1,228	1,093	734	996
Potash	50.2	69.3	70.9	28.8	45.1
Total	4,549	5,008	5,001	4,366	4,816
Per cent change		10.1	-0.1	-12.7	10.3
N:P Ratio	3.15	3.02	3.51	4.91	3.79

3.2 Province-wise nutrient share and offtake

Overall fertilizer nutrient offtake increased by 10.3 per cent (Table 4). Increases of 9.1 and 19.3 per cent were observed in Punjab and Sindh while decreases of 4.1 and 12.7 per cent were witnessed in KP and Balochistan, respectively.

At national level, nitrogen offtake during 2023-24 increased by 4.8 per cent compared with last year. Nitrogen offtake increased by 3.3 and 13.8 per cent in Punjab and Sindh whereas it decreased by 7.3 and 19.3 per cent in KP and Balochistan, respectively.

Phosphate offtake increased by 35.7 per cent at national level during 2023-24 as compared to 2022-23. At provincial level, offtake increased by 33.8, 50.3, 12.9 and 13 per cent in Punjab, Sindh, KP and Balochistan, respectively. Potash offtake increased by 56.7 per cent at national level as compared to 2022-23. Its offtake increased by 74.9, 8.1 and 51 per cent in Punjab, Sindh and Balochistan, respectively whereas it decreased by 7 per cent in KP as compared to last year. The detailed month-wise, province-wise data are presented in Annex-4.

Based on five-year average, the share of Punjab in overall nutrient offtake was 69.2 per cent, followed by Sindh 23.3 per cent, KP 4.2 per cent and Balochistan 3.2 per cent, respectively.

The N to P use ratio was better (2.94:1) in Balochistan compared to other provinces. It is important to note that the provincial share in total nutrient offtake remained more or less the same.

Table 4. Province-wise nutrient offtake during 2023-24 compared with previous seasons

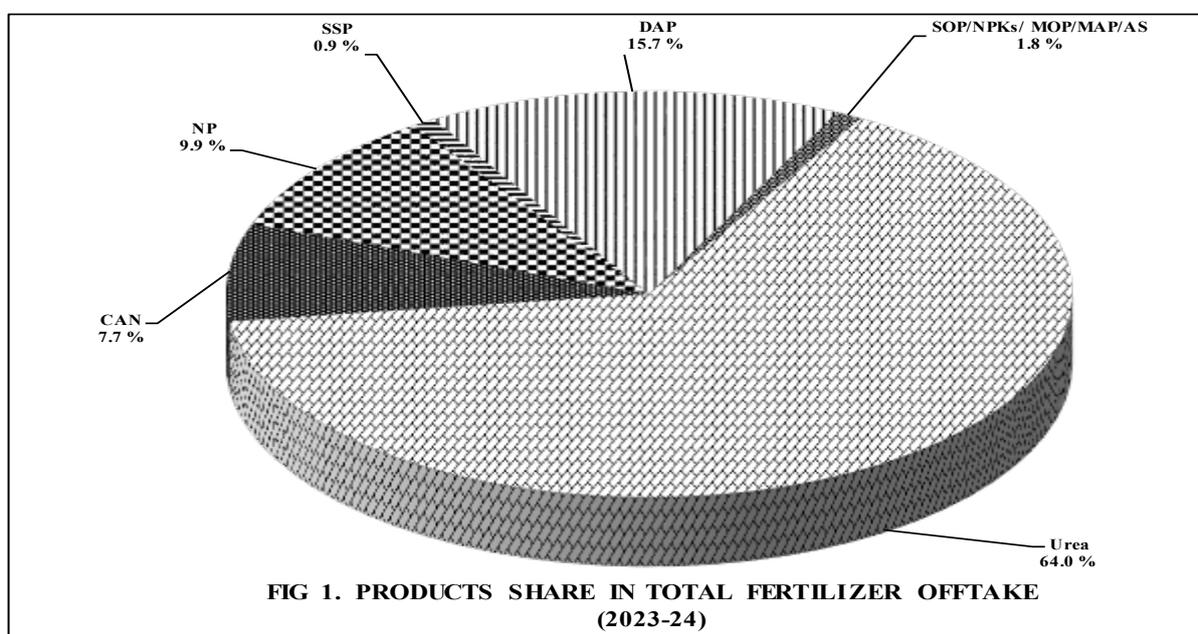
('000 tonnes)

Province	2019-20	2020-21	2021-22	2022-23	2023-24	Per cent change over 2022-23	Provincial Share (%) 5 -Year Avg.	N to P ratio (2023-24)
Total								
Punjab	3,080	3,535	3,478	3,031	3,306	9.1	69.2	3.66
Sindh	1,077	1,068	1,188	999	1,192	19.3	23.3	4.21
KP	197	225	187	202	194	-4.1	4.2	4.30
Balochistan	193	180	148	134	117	-12.7	3.2	2.94
Total	4,549	5,008	5,001	4,366	4,816	10.3	100	3.79
Per cent change over previous year		10.1	-0.1	-12.7	10.3			
Nitrogen								
Punjab	2,290	2,600	2,638	2,487	2,568	3.3	68.6	
Sindh	832	797	935	841	958	13.8	23.8	
KP	151	173	148	169	156	-7.3	4.3	
Balochistan	142	140	117	107	86	-19.3	3.2	
Total	3,415	3,711	3,838	3,604	3,775	4.8	100	
Per cent change over previous year		8.7	3.4	-6.1	4.8			
Phosphate								
Punjab	752	882	791	524	701	33.8	71.1	
Sindh	238	260	236	152	228	50.3	21.7	
KP	44	48	37	32	36	12.9	3.8	
Balochistan	50	38	29	26	29	13.0	3.4	
Total	1,084	1,228	1,093	734	996	35.7	100	
Per cent change over previous year		13.3	-11.0	-32.8	35.7			
Potash								
Punjab	38	53	50	21	36	74.9	74.8	
Sindh	7.3	10.9	17.8	6.2	6.7	8.1	18.5	
KP	2.9	3.6	2.1	1.3	1.2	-7.0	4.2	
Balochistan	1.8	1.9	1.4	0.5	0.8	51.0	2.4	
Total	50.2	69.3	70.9	28.8	45.1	56.7	100	
Per cent change over previous year		38.0	2.3	-59.4	56.7			

3.3 Offtake by product

During 2023-24, a total quantity of 10,275 thousand tonnes was sold by marketing agencies, showing an increase of 8.5 per cent over last year (Table 5). Offtake of domestically produced products was 9,216 thousand tonnes, representing an increase of 9.5 per cent. Offtake of imported products was about 1,060 thousand tonnes, showing an increase of 1 per cent over last year.

Among products, share of urea was 64 per cent, followed by DAP (15.7 per cent), NP (9.9 per cent), CAN (7.7 per cent), SSP (0.9 per cent) and other products (1.8 per cent) (Figure 1). Consolidated month-wise, product-wise and nutrient-wise offtake during 2022-23 and 2023-24 is given in Annex-5.



3.3.1 Nitrogen to phosphate imbalance

Nitrogen share in total nutrients offtake was 78.4 per cent during 2023-24 (82.5 per cent during 2022-23), phosphate had 20.7 per cent share (16.8 per cent during 2022-23) and potash 0.9 per cent (0.7 per cent during 2022-23). The N to P ratio in 2022-23 was 4.91 which narrowed to 3.79 in 2023-24, leading to comparatively balanced fertilizer use. Provincial Agriculture departments will have to adopt the implementable strategies for promoting use of potash keeping in view the small farmers' constraints and high cost of potassic fertilizers.

3.4 Province-wise Urea and DAP offtake during 2023-24

Urea accounted for the largest share of 64 per cent in total product offtake in the country (Table 5). Its offtake increased by 1.7 per cent at national level over the year 2022-23. At provincial level, urea offtake increased by 0.4 and 10.3 per cent in Punjab and Sindh, whereas its offtake decreased by 8.4 and 25.9 per cent in KP and Balochistan, respectively (Table 6).

DAP offtake during 2023-24, increased by 41.6 per cent at national level. All the provinces witnessed an increase in DAP offtake. Its offtake increased in Punjab, Sindh, KP and Balochistan by 40.2, 53.1, 29 and 11.3 per cent, respectively as compared to last fiscal year.

Table 5. Product-wise fertilizer offtake during 2023-24

Products	('000 tonnes)				
	Offtake during 2022-23	Per cent Share	Offtake during 2023-24	Per cent Share	Per cent change over 2022-23
Urea domestic	5,985	63.2	6,358	61.9	6.2
Urea Imported	485	5.1	221	2.1	-54.5
Total Urea	6,470	68.3	6,579	64.0	1.7
CAN domestic	841	8.9	793	7.7	-5.7
NP Imported	-	-	-	-	-
NP domestic	856	9.0	1,012	9.9	18.3
Total NP	856	9.0	1,012	9.9	18.3
SSP domestic	65	0.7	92	0.9	42.0
SSP Imported	-	-	-	-	-
DAP domestic	624	6.6	898	8.7	44.0
DAP Imported	517	5.5	717	7.0	38.8
Total DAP	1,141	12.0	1,615	15.7	41.6
TSP Imported	0.3	0.0	-	-	-
SOP domestic	13	0.1	21	0.2	67
SOP Imported	20	0.2	37	0.4	84.8
NPK's	36	0.4	41	0.4	14.4
MOP Imported	10	0.1	14	0.1	45
MAP Imported	2	0.0	1	0.0	-46
AS	15	0	69	0.7	368
Grand Total	9,468	100.0	10,275	100.0	8.5
Total domestic	8,419	88.9	9,216	89.7	9.5
Total Imported	1,049	11.1	1,060	10.3	1.0
A. DOMESTIC					
Nitrogen	3,284	75.2	3,530	73.3	7.5
Phosphate	495	11.3	665	13.8	34.5
Potash	13	0.3	18	0.4	40.2
Total	3,792	87	4,213	87.5	11.1
B. IMPORTED					
Nitrogen	320	7.3	245	5.1	-23.2
Phosphate	239	5.5	331	6.9	38.3
Potash	16	0.4	27	0.6	69.7
Total	574	13	603	12.5	4.9
C. TOTAL					
Nitrogen	3,604	82.5	3,775	78.4	4.8
Phosphate	734	16.8	996	20.7	35.7
Potash	28.8	0.7	45	0.9	56.7
Total	4,366	100.0	4,816	100	10.3

As far as provincial shares in urea offtake are concerned, Punjab share on five years average was 68, Sindh 24, KP 4.8 and Balochistan 3.3 per cent, respectively. Punjab share in DAP offtake was 71.9 per cent, followed by Sindh 21.4, KP 3.5 and Balochistan 3.2 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 2023-24, 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 2023-24 compared with previous years

Province						('000 tonnes)	
	2019-20	2020-21	2021-22	2022-23	2023-24	Per cent change over 2022-23	Provincial share (average of 5 years) Per cent
UREA							
Punjab	3,992	4,335	4,565	4,425	4,443	0.4	68.0
Sindh	1491	1,348	1,630	1,522	1,679	10.3	24.0
KP	282	326	285	330	302	-8.4	4.8
Balochistan	251	258	212	193	143	-25.9	3.3
Total	6,015	6,267	6,691	6,470	6,579	1.7	100.0
Per cent change over previous year		4.2	6.8	-3.3	1.7		
DAP							
Punjab	1,395	1576	1369	820	1150	40.2	71.9
Sindh	422	450	391	242	371	53.1	21.4
KP	73	79	59	43	55	29.0	3.5
Balochistan	93	65	44	36	40	11.3	3.2
Total	1,984	2,170	1,863	1,141	1,615	41.6	100.0
Per cent change over previous year		9.4	-14.2	-38.8	41.6		

4. SUPPLY/DEMAND SITUATION DURING 2023-24

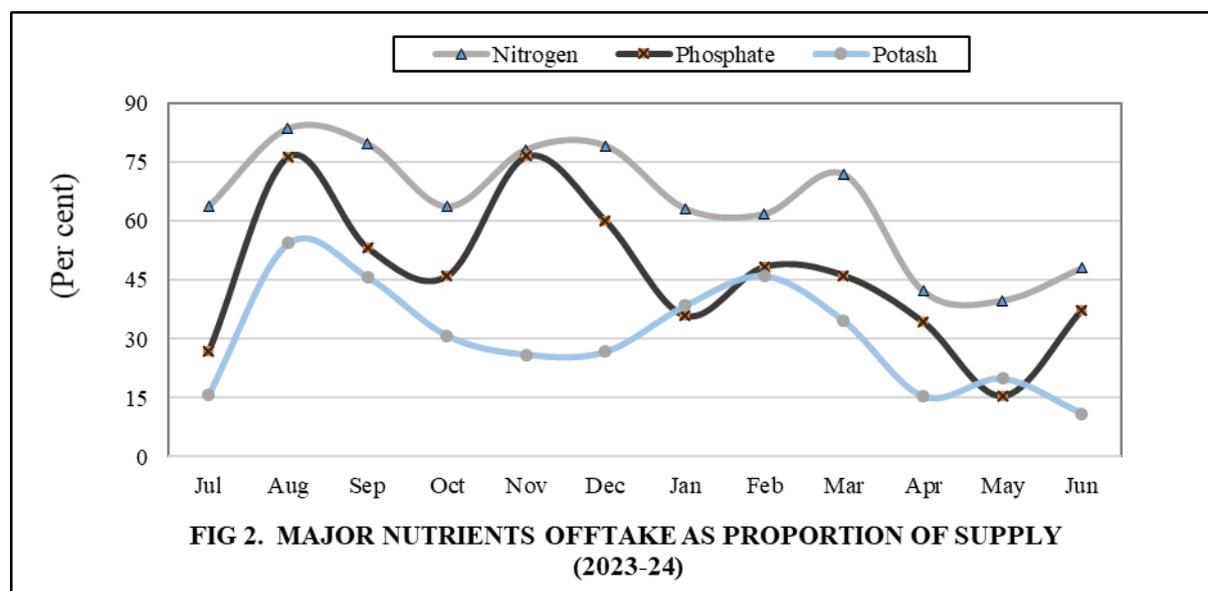
The fertilizer availability/supply includes factory stocks, stocks at warehouses of both public and private sector, domestic production and imported products delivered from Karachi and Gawadar during the month/cropping season/year. This information provides a fair basis of total fertilizer availability 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 case of phosphate, 70 per cent

works well. These are rough indicators, but due to induction of private sector, supplies move fast and 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 2023-24

The year 2023-24 had an opening inventory of 427 thousand nutrient tonnes. Domestic production was 4,240 thousand nutrient tonnes and imports were 621 thousand nutrient tonnes. Total availability was 5,288 thousand nutrient tonnes (Table7). Total nutrient offtake during 2023-24 was 4,816 thousand nutrient tonnes as compared to 4,366 thousand nutrient tonnes in 2022-23, showing an increase of 10.3 per cent. Data in Table 8 reveal that nitrogen offtake as proportion of supply cross 80 per cent mark during months of August and September, 2023 which reflect tight availability situation during these months. Similarly, phosphate offtake as proportional of supply crossed 70 per cent mark during the months of August and September, 2023 reflecting tight availability. The closing (national inventory) balance was 451 thousand nutrient tonnes (Table 7), which was higher as compared to previous year 2022-23. Month-wise nutrient offtake as proportion of total availability is presented in **Figure 2** (Table 8).



4.2 Product-wise Urea, DAP and Nitrophos supply/demand situation during 2023-24

Urea, DAP and nitrophos are the most commonly used fertilizers among farming communities as source of nitrogen and phosphate. During 2023-24, urea share was 64 per cent, DAP 15.7 per cent and nitrophos 9.9 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.

Table 7. Fertilizer supply/demand situation during 2023-24

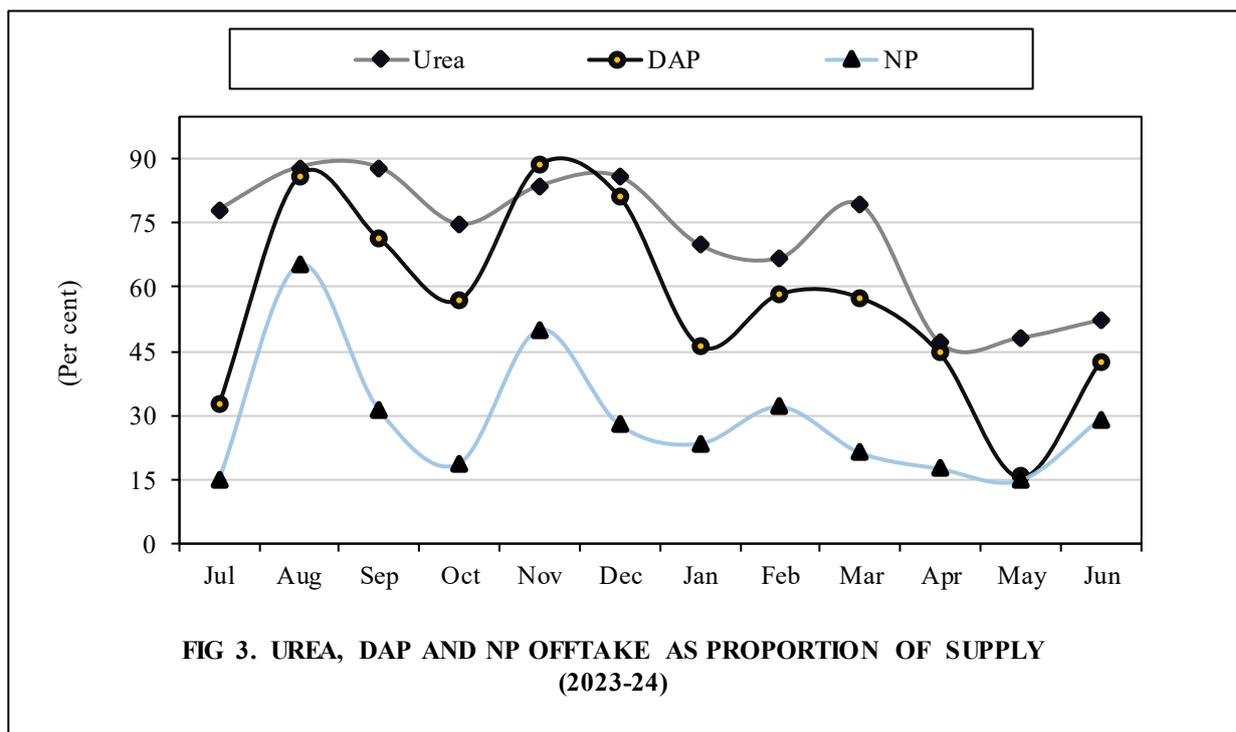
('000 tonnes)

Description	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos
Opening Balance	220	195	12	427	215	275	332
	(268)	(232)	(20)	(520)	(256)	(337)	(379)
Domestic production	3,624	601	16	4,240	6,591	816	931
	(3,287)	(488)	(13)	(3,787)	(6,033)	(635)	(792)
Imports	259	333	28	621	220	724	0
	(266)	(205)	(8)	(479)	(400)	(444)	(0)
Total Availability	4,103	1,129	56	5,288	7,027	1,814	1,263
	(3,821)	(925)	(41)	(4,787)	(6,688)	(1,417)	(1,171)
Offtake	3,775	996	45.1	4,816	6,579	1,615	1,012
	(3,604)	(734)	(28.8)	(4,366)	(6,470)	(1,141)	(856)
Adjustments (+/-)	-20	-3	1.3	-22	-18	-33	-2
National Inventory	307	131	13	451	431	166	248
	(220)	(195)	(12)	(427)	(215)	(275)	(332)

Note: Figures in parenthesis are for 2022-23.

Table 8. Total supply and offtake of fertilizer nutrients during 2023-24

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-23	538	242	15	343	65	2.3	64	27	16
Aug-23	514	244	15	430	187	8.4	84	77	54
Sep-23	395	125	10	315	67	4.6	80	53	46
Oct-23	409	189	10	261	87	3.2	64	46	31
Nov-23	485	210	11	380	161	2.8	78	77	26
Dec-23	445	132	10	352	79	2.7	79	60	27
Jan-24	518	125	13	327	45	5.0	63	36	39
Feb-24	505	162	13	312	78	5.9	62	48	46
Mar-24	508	142	12	366	66	4.2	72	46	35
Apr-24	446	157	11	188	54	1.6	42	34	15
May-24	534	188	14	213	29	2.7	40	15	20
Jun-24	598	209	14	287	78	1.6	48	37	11



4.2.1 Urea supply/demand situation during 2023-24

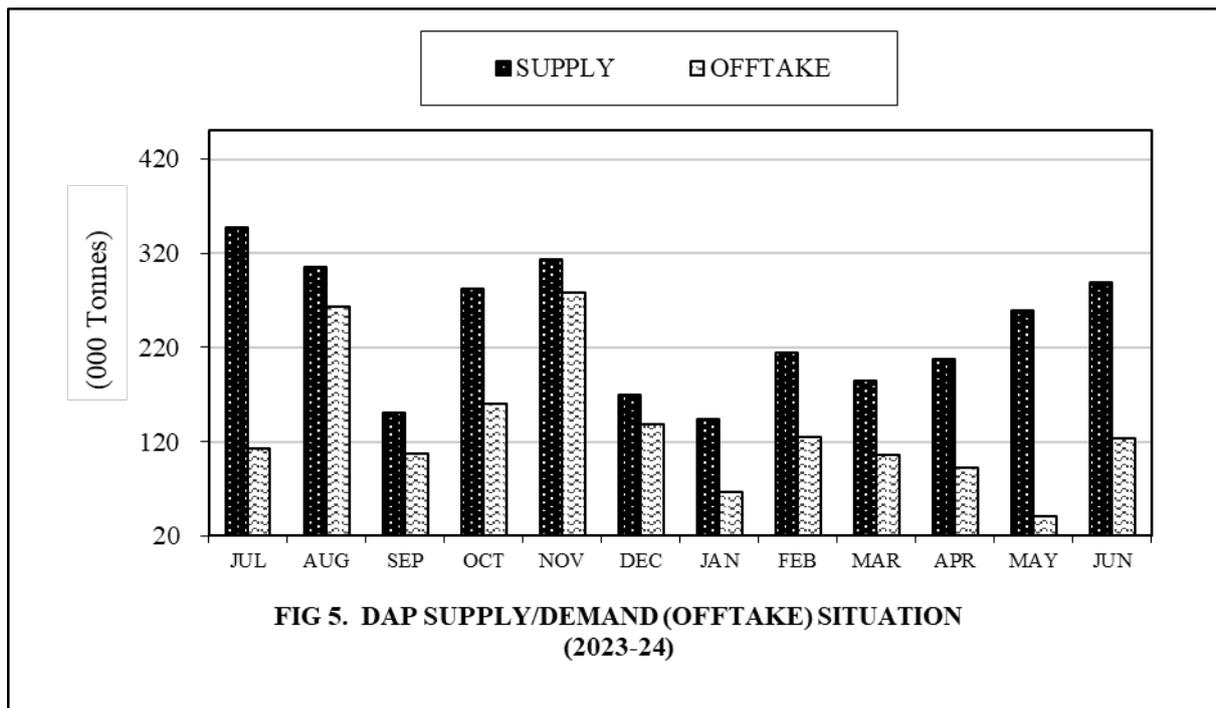
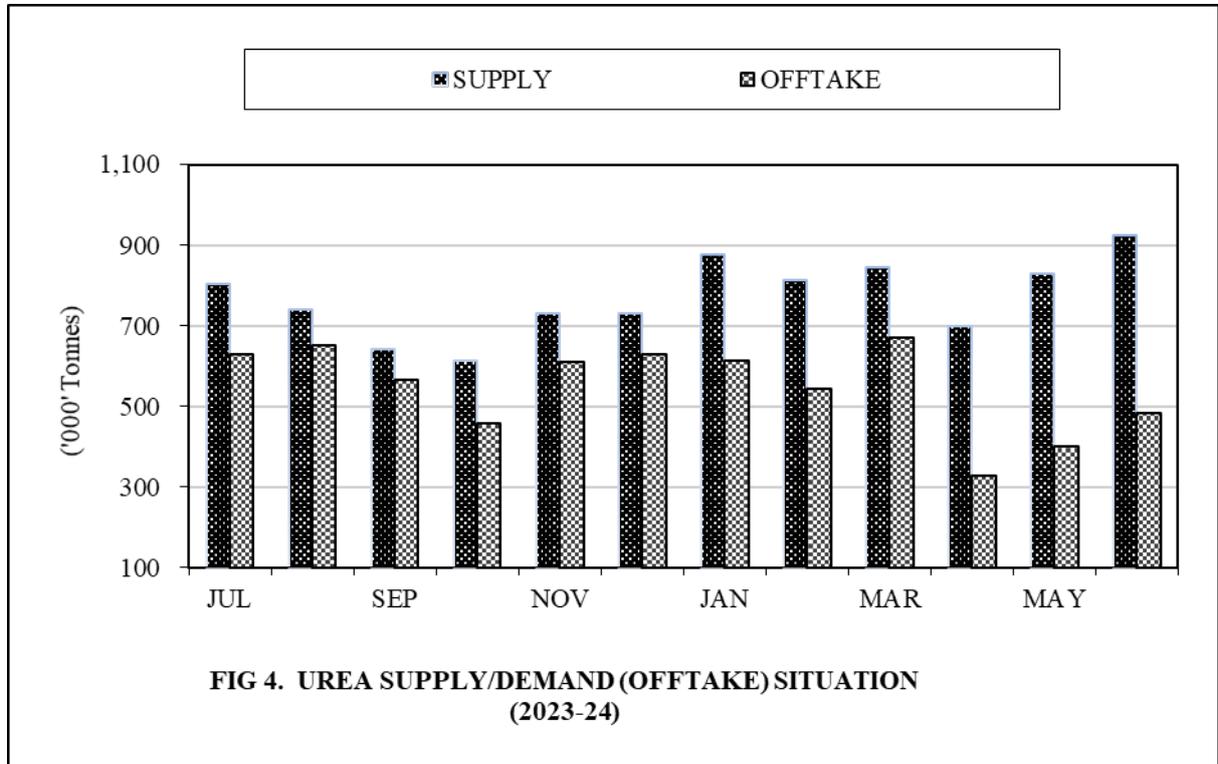
The year 2023-24 started with 215 thousand tonnes of urea opening stock. Domestic production was 6,591 thousand tonnes and 220 thousand tonnes was imported supply. The total availability of urea was therefore 7,027 thousand tonnes (Table 7). Total urea offtake was 6,579 thousand tonnes, which witnessed an increase of 1.7 per cent over 2022-23. To cater the market demand, two SNGPL based plants remained operational during entire fiscal year 2023-24. Urea offtake as proportion of supply crossed 80 per cent mark during months of Aug, Sept, Nov and Dec., 2023 (**Figure 3**) which reflect tight availability situation. The closing stock at the end of 2023-24 was 431 thousand tonnes, which is a comfortable opening inventory for the year 2024-25.

The summarized data are presented in Table 7 and 9. Urea offtake during 2023-24 compared with the last five years is at Annex-6. Monthly supply and demand situation is shown graphically in **Figure 4**.

4.2.2 DAP supply/demand situation during 2023-24

The year 2023-24 had an opening inventory of 275 thousand tonnes of DAP. Imports were 724 thousand tonnes (444 thousand tonnes during 2022-23). Domestic production was 816 thousand tonnes. The total availability of DAP was therefore 1,814 thousand tonnes (Table 7). Total DAP offtake was 1,615 thousand tonnes as compared to 1,141 thousand tonnes during 2022-23, representing an increase of 41.6 per cent over 2022-23. The closing stock at the end of the year was 166 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 2023-24 at Annexes 10 and 11.



4.2.3 Nitrophos supply/demand situation during 2023-24

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 1,012 thousand tonnes during 2023-24. Total availability of nitrophos during 2023-24 was 1,263 thousand tonnes compared to 1,171 thousand tonnes during previous year. The summarized data are shown in Table 7 and 9. Month-wise supply/demand situation during the year 2023-24 is presented in Annex 10 and consolidated supply/demand in Annex-11.

Table 9 Total supply / offtake of fertilizer products Urea, DAP and Nitrophos during 2023-24

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-23	805	348	396	629	113	58	78	32	15
Aug-23	739	306	410	650	263	267	88	86	65
Sep-23	641	151	215	564	108	67	88	71	31
Oct-23	614	282	225	459	161	42	75	57	19
Nov-23	730	314	259	611	278	130	84	89	50
Dec-23	732	170	213	628	138	59	86	81	28
Jan-24	877	144	238	613	67	55	70	46	23
Feb-24	813	214	253	543	125	81	67	58	32
Mar-24	845	185	256	671	107	54	79	58	21
Apr-24	697	208	281	328	93	49	47	45	17
May-24	830	259	321	400	41	47	48	16	15
Jun-24	923	289	350	483	123	102	52	43	29

4.3 Fertilizer use (nutrients) per hectare of cropped area during 2023-24

The data given in Table 10 present average fertilizer use in kg nutrients per hectare of cropped area. Average nutrient use rate during 2023-24 was 199 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., 339 kg/ha (286 kg/ha during 2022-23), followed by Punjab at 189 kg/ha (173 kg/ha during 2022-23). Fertilizer use in KP remained at previous year level i.e. 112 kg/ha while in Balochistan, it decreased to 85 kg/ha compared to 111 kg/ha in 2022-23.

Table 10. Fertilizer use status during 2023-24

Province	Cropped Area (million ha)	Total Consumption during 2023-24 ('000 tons)				Nutrients Use rate during 2023-24 (Kg/ ha)			
		Nitrogen	Phosphate	Potash	Total	Nitrogen	Phosphate	Potash	Total
Punjab	17.5	2,568	701	36.2	3,306	147	40	2.1	189
Sindh	3.5	958	228	6.7	1,192	272	65	1.9	339
KP	1.7	156	36.4	1.2	194	90	21	0.7	112
Balochistan	1.4	86	29.4	0.8	117	63	21	0.5	85
AJK/Gilgit Baltistan	-	6	0.9	-	7.17	-	-	-	-
Total	24.1	3,775	996	45	4,816	156	41	1.9	199

4.4 District-wise fertilizer offtake during 2023-24

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 32 districts fall in the category of low fertilizer offtake areas having fertilizer use ranging up to 50 kg nutrients per hectare. Low consuming areas/districts belong mostly to KP, Balochistan and Punjab. There were 11 districts, which fall under medium fertilizer offtake category, ranging between 50 to 100 kg nutrients per hectare. The third category classified as high fertilizer offtake area/districts, includes 61 districts with fertilizer offtake above 100 kg nutrients per hectare. Out of these, 28 districts belong to Punjab, followed by Sindh (21 districts), Balochistan and KP having 6 districts in each province, respectively. 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 2023-24

Fertilizer Nutrient use Rate	Number of District				Pakistan
	Punjab	Sindh	KP	Balochistan	
i. Upto 50 kg/ha	6	1	14	11	32
ii. 50 to 100 kg/ha	3	1	4	3	11
iii. Above 100 kg/ha	28	21	6	6	61
Total	37	23	24	20	104

4.5 Fertilizer Subsidy

The government is providing gas used as feed stock at cheap price to urea plants located on MPCL network. These plants account for 43 per cent of total urea installed capacity. The comparative advantage of Rs. 1,200/- per bag in respect of gas cost due to low gas price is being enjoyed by such fertilizer plants.

Government is emphasizing towards a more targeted subsidy approach, providing financial support directly to the farming community especially small farmers. This policy aims to ensure that subsidies reach the deserving farmers, while promoting efficiency and sustainability in the agriculture sector.

5. FERTILIZER AVAILABILITY DURING KHARIF 2023

5.1 Domestic production

Domestic production of all fertilizer products during Kharif 2023 (April-September) was 4,624 thousand product tonnes, which was 44 thousand tonnes more than Kharif 2022. In nutrient terms, a total quantity of 2,089 thousand tonnes was produced by the domestic industry.

Of the total domestic production, nitrogen was 1,808 thousand tonnes, which accounted for 86.5 per cent (84.2 per cent in Kharif 2022). Phosphate production was 275 thousand tonnes, which captured a share of 13.2 per cent (15.3 per cent in Kharif 2022) and potash had 0.3 per cent share (Table 12). Urea production during Kharif 2023 remained at a level of 3,328 thousand tonnes (3,157 thousand tonnes during Kharif 2022) which was 5.4 per cent higher compared to Kharif 2022. DAP Production was 392 thousand tonnes, which decreased by 13 per cent than that of Kharif 2022. Production of nitrophos decreased by 11.1 per cent, while that of CAN increased by 2.4 per cent and SSP production decreased by 3.5 per cent.

Out of seven fertilizer products produced in the country, share of urea was 72 per cent (68.9 per cent in Kharif 2022), followed by CAN 9.5 per cent (9.4 per cent in Kharif 2022), NP 8.8 per cent (10 per cent in Kharif 2022), DAP 8.5 per cent (9.8 per cent in Kharif 2022), SSP 0.8 per cent (same as in Kharif 2022), various grades of NPKs 0.3 per cent (0.8 per cent in Kharif 2022) and SOP 0.2 per cent.

Tonnage-wise, the domestic industry produced the following quantities during Kharif 2023: Urea 3,328, CAN 440, NP 406, DAP 392, SSP 37, NPK's (various grades) 12 and SOP 8.7 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 Imports

Five products such as DAP, Amonium Sulphate (AS), SOP, MOP and MAP were imported during Kharif 2023. Fertilizer imports were 156 thousand product tonnes, which witnessed a decrease of 48.8 per cent over Kharif 2022 (Table 13).

The share of DAP in total imports was 82 per cent. Volume of imported fertilizer during Kharif 2023 comprised: DAP 128, AS 15, SOP 6, MOP 5 and MAP 1 thousand tonnes. The summarized product-wise and nutrient-wise data are given in Table 13. Month-wise details are presented in Annex-15.

6. FERTILIZER OFFTAKE/CONSUMPTION DURING KHARIF 2023

6.1 Offtake by nutrients

The overall fertilizer nutrient offtake during Kharif 2023 witnessed a increase of 21.3 per cent over previous season i.e., from 2,022 thousand nutrient tonnes in Kharif 2022 to 2,453 thousand nutrient tonnes in Kharif 2023 (Table 14). Nitrogen offtake increased by 13.2 per cent while phosphate and potash offtake increased by 65.4 and 53.6 per cent, respectively. This offtake level seems high as extraordinary low offtake was recorded during previous season as a result of occurrence of floods.

Nitrogen captured 78.7 per cent share in total nutrient offtake during Kharif 2023 (84.4 per cent during Kharif 2022). Phosphate claimed 20.5 per cent share (15 per cent during Kharif 2022) while the potash share was 0.8 per cent. Aggregated data are given in Table 14, Annex-17 and the monthly nutrient offtake of Kharif 2023 compared with the last five seasons are shown in Annex-3.

6.2 Province-wise nutrient offtake

At national level, overall nutrient offtake during Kharif 2023 increased by 21.3 per cent compared with Kharif 2022. Nutrient offtake increased by 22.1, 21.1, 17.5 and 10.8 per cent in Punjab, Sindh, KP and Balochistan, respectively as compared with last Kharif.

Nitrogen offtake increased by 13.2 per cent at national level during Kharif 2023 as compared to last Kharif. On provincial basis, nitrogen offtake increased by 12.4, 18.2 and 9.4 per cent in Punjab, Sindh and KP, respectively while its offtake decreased by 2.7 per cent in Balochistan during Kharif 2023 as compared with Kharif 2022.

Phosphate offtake increased by 65.4 per cent at national level compared with Kharif 2022. This included increase of 72.8 per cent in Punjab, 39.9 per cent in Sindh, 82.4 per cent in KP and 73.6 per cent in Balochistan.

Table 12. Domestic fertilizer production during Kharif 2023

Products	Manufacturer	Kharif 2022		Kharif 2023		Per cent change over Kharif 2022
		Production ('000 t)	Per cent share	Production ('000 t)	Per cent share	
PRODUCTS						
UREA	Fatima Fert.	235	5.1	256	5.5	9.2
UREA	EFERT	1000	21.8	1139	24.6	13.9
UREA(PFL)	PAK ARAB	58	1.3	47	1.02	-19.0
UREA(PAFL)	Agritech	170	3.7	189	4.1	11.2
UREA (PRILLED)	FFC	778	17	855	18.5	9.9
UREA (PSFL)	FFC	395	8.6	437	9.5	10.6
UREA	FFBC	266	5.8	164	3.5	-38.4
UREA	Fatima Fertilizer	255	5.6	241	5.2	-5.3
UREA	TOTAL	3157	68.9	3328	72.0	5.4
CAN(PAR)	PAK ARAB	186	4.1	196	4.2	5.7
CAN	Fatima	244	5.3	244	5.3	0.0
CAN	TOTAL	430	9.4	440	9.5	2.4
NP (PAR)	PAK ARAB	188	4.1	189	4.1	0.6
NP	EFERT	31	0.7	33	0.7	6.0
NP	Fatima	237	5.2	183	4.0	-22.7
NP	TOTAL	457	10	406	8.8	-11.1
DAP - SONA	FFC	451	9.8	392	8.5	-13.0
SSP (H.PUR 18%)	Agritech	29	0.6	37	0.8	27.2
SSP	Suraj Fertilizers	9	0.2	-	-	-100.0
SSP	Safi Chemicals	0.3	0.01	0.02	0.00	-93.5
SSP	TOTAL	39	0.8	37	0.8	-3.5
SOP	Pacific	10	0.2	8.7	0.2	-12.0
SOP	Agven	-	-	-	-	-
SOP	TOTAL	10	0.2	8.7	0.2	-12.0
NPK (Various Grades)	EFERT	38	0.8	12	0.3	-69.3
NPK (2:20:3)	Safi Chemicals	-	-	-	-	-
ALL PRODUCTS	TOTAL	4,580	100	4,624	100	1
NUTRIENTS						
	NITROGEN	1751	84.2	1808	86.5	3.3
	PHOSPHATE	317	15.3	275	13.2	-13
	POTASH	11.4	0.5	6.3	0.3	-45
	TOTAL	2,080	100	2,089	100	0.5

Table 13. Fertilizer imports during Kharif 2023

('000 tonnes)

Products	Kharif 2022		Kharif 2023		Per cent change over Kharif 2022
	Imports ('000t)	Per cent share	Imports ('000t)	Per cent share	
PRODUCTS					
UREA	103	34	-	-	-
DAP	185	61	128	82	-31
SSP	-	-	-	-	-
SOP	13	4	6	4	-55
MOP	-	-	5	3	-
AS	4	1	15	9.9	301
MAP	-	-	1	0.9	-
All Products	305	100	156	100	-48.8

NUTRIENTS					
Nitrogen	81	47	26	29	-68
Phosphate	85	49	60	65	-30
Potash	7	4	6	7	-5
Total	173	100	92	100	-47

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

Table 14 Nutrient offtake during Kharif 2023 compared with previous seasons

('000 tonnes)

Nutrient	2019	2020	2021	2022	2023
Nitrogen	1,703	1,872	1,871	1,706	1,932
Phosphate	532	650	514	303	502
Potash	22	33	37	13	20
Total	2,257	2,555	2,422	2,022	2,453
N:P Ratio	3.20	2.88	3.64	5.62	3.85
(% change)					
Nitrogen		10	-0.1	-8.8	13.2
Phosphate		22	-21	-41.0	65.4
Potash		48	13	-65.1	53.6
Total		13.2	-5.2	-16.5	21.3

In overall nutrient offtake based on five years average, share of Punjab was 69 per cent, followed by Sindh, KP and Balochistan with 23.4, 4.2 and 3.5 per cent, respectively. The data are summarized in Table 15 and the detailed month, province and nutrient-wise data for Kharif 2023 compared with last five seasons are presented in Annex-4.

Table 15. Province-wise nutrient offtake during Kharif 2023 compared with previous seasons

('000 tonnes)							
Province	Kharif 2019	Kharif 2020	Kharif 2021	Kharif 2022	Kharif 2023	Per cent change over Kharif 2022	Provincial share (%) (average of 5 years)
Total							
Punjab	1,557	1,735	1,691	1,392	1,699	22.1	69.0
Sindh	529	596	538	484	587	21.1	23.4
KP	92	113	89	89	104	17.5	4.2
Balochistan	78	111	104	57	63	10.8	3.5
Total	2,257	2,555	2,422	2,022	2,453	21.3	100
Per cent change over previous year		13.2	-5.2	-16.5	21.3		
Nitrogen							
Punjab	1,168	1,266	1,273	1,171	1,315	12.4	68.2
Sindh	408	438	437	410	485	18.2	24.0
KP	71	86	73	79	86	9.4	4.3
Balochistan	56	82	89	47	45	-2.7	3.5
Total	1,703	1,872	1,871	1,706	1,932	13.2	100
Per cent change over previous year		10	-0.1	-9	13.2		
Phosphate							
Punjab	371	442	387	213	368	72.8	71.2
Sindh	119	154	97	71	99	39.9	21.6
KP	20	26	15	10	18	82.4	3.6
Balochistan	22	28	14	10	17	73.6	3.7
Total	532	650	514	303	502	65.4	100
Per cent change over previous year		22	-21	-41	65		
Potash							
Punjab	17.6	26.6	31.0	8.8	16.3	86.6	17.6
Sindh	2.8	4.0	4.5	3.6	2.9	-19.4	2.8
KP	1.2	1.3	0.9	0.2	0.2	-5.2	1.2
Balochistan	0.6	1.1	0.7	0.3	0.4	17.9	0.6
Total	22	33	37	13	20	53.6	100
Per cent change over previous year		48	13	-65	53.6		

6.3 Fertilizer offtake/use by product

During Kharif 2023, a total of 5,281 thousand product tonnes were consumed as compared to 4,410 thousand tonnes during Kharif 2022 reflecting an increase of 19.8 per cent. Urea, DAP and nitrophos constituted 89.7 per cent of total products consumed. The domestic nutrient offtake increased by 24.6 per cent, while imported fertilizers nutrient offtake decreased by 8.3 per cent over Kharif 2022.

Among the various products, Urea captured 62.9 per cent share in total fertilizer offtake, followed by DAP with 14.4 per cent. The shares of NP, CAN and SSP were 12.4, 8.3 and 0.8 per cent, respectively. The cumulative share of remaining products was 1.2 per cent (**Figure 6**). Urea offtake increased by 5.9 per cent while DAP offtake increased by 54.4 per cent as compared to Kharif 2022. Fertilizer offtake restored to normal level during Kharif 2023 as record low offtake was witnessed in Kharif 2022 due to occurrence of floods. The share of domestic products in total fertilizer offtake was 94.3 per cent (92.1 per cent during Kharif 2022), while that of imported fertilizer accounted for 5.7 per cent (7.9 per cent during Kharif 2022). The consolidated product-wise fertilizer offtake during Kharif 2022 and Kharif 2023 is presented in Table 16 and detailed month and product-wise offtake is presented in in Annex-16.

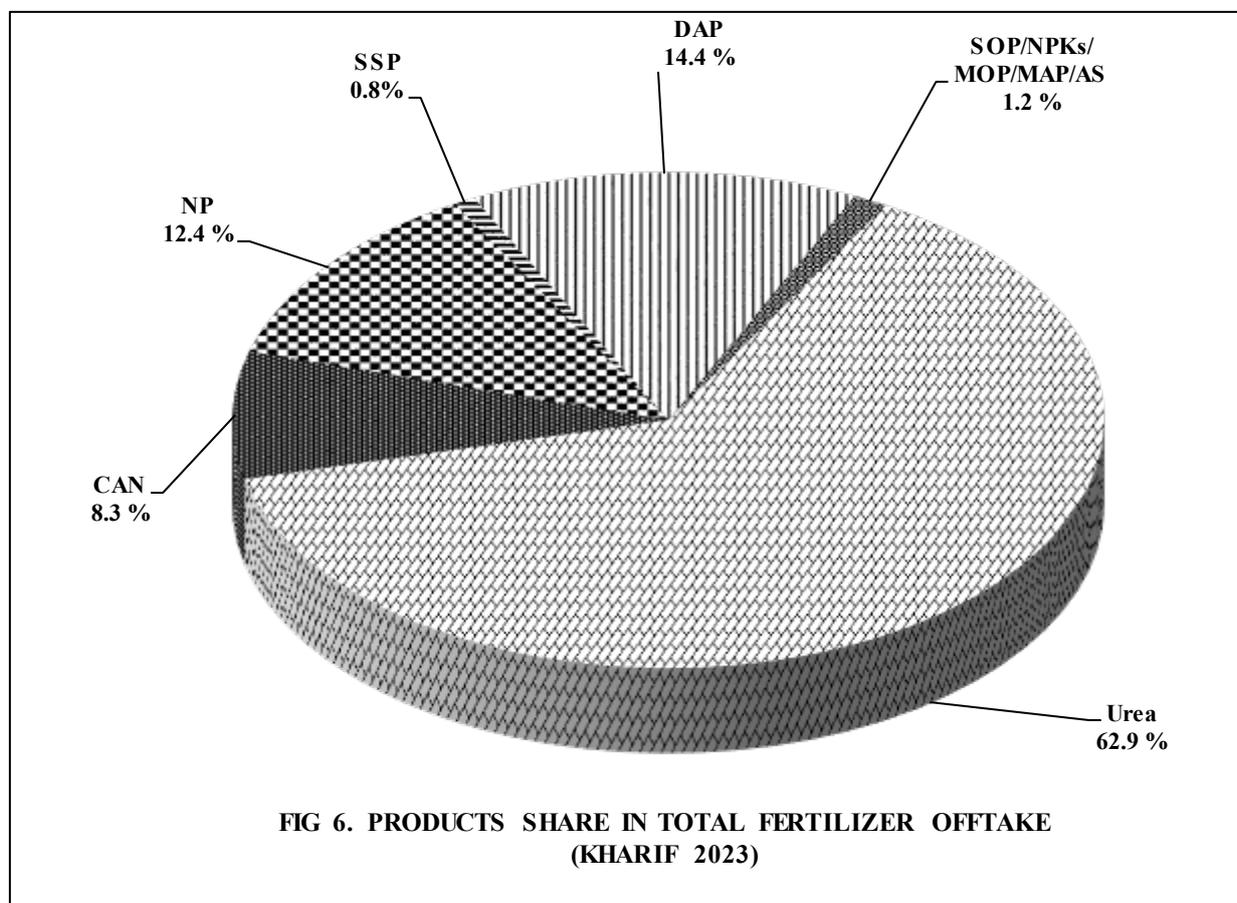


Table 16. Fertilizer offtake during Kharif 2023

Products	('000 tonnes)				
	Offtake in Kharif 2022	Per cent Share	Offtake in Kharif 2023	Per cent Share	Per cent change over Kharif 2022
Urea Imported	100	2.3	4	0.1	-96
Urea domestic	3036	68.8	3317	62.8	9.2
Total Urea	3,137	71.1	3,322	62.9	5.9
CAN domestic	380	8.6	436	8.3	15
NP domestic	318	7.2	657	12.4	107
SSP domestic	33	0.8	43	0.8	29
DAP domestic	266	6.0	492	9.3	85
DAP Imported	225	5.1	267	5.0	19
Total DAP	491	11.1	758	14.4	54.4
SOP Domestic	3	0.1	16	0.3	389
SOP Imported	3	0.1	9	0.2	231
NPK's domestic	23	0.5	19	0.4	-17
MOP Imported	10	0.2	7	0.1	-32
MAP Imported	4	0.1	0.5	0.01	-86
AS Imported	9	0.2	14	0.3	55
Grand Total	4,410	100	5281	100	19.8
Total domestic	4,060	92.1	4980	94.3	22.7
Total Imported	350	7.9	301	5.7	-13.9
A. DOMESTIC					
Nitrogen	1617	80.0	1879	76.6	16.2
Phosphate	198	9.8	379	15.4	91.2
Potash	5.6	0.3	11.2	0.5	99.6
Total	1,821	90.1	2,269	92.5	24.6
B. IMPORTED					
Nitrogen	89	4.4	53	2.2	-40.4
Phosphate	105	5.2	123	5.0	16.9
Potash	7.2	0.4	9	0.4	19.1
Total	201	9.9	184	7.5	-8.3
C. TOTAL					
Nitrogen	1706	84.4	1932	78.7	13.2
Phosphate	303	15.0	502	20.5	65.4
Potash	12.9	0.6	19.8	0.8	53.6
Total	2,022	100.0	2,453	100.0	21.3

6.4 Province-wise urea and DAP offtake / consumption during Kharif 2023

Urea offtake during Kharif 2023 exhibited an increase of 5.9 per cent over Kharif 2022 at national level. Increases of 3.1, 16.7 and 4.1 per cent were observed in Punjab, Sindh and KP, respectively while its offtake decreased in Balochistan by 13.8 per cent (Table 17).

At national level, DAP offtake witnessed an increase of 54.4 per cent. At provincial level, increase of 58 per cent in Punjab, 33.9 per cent in Sindh, 99.7 per cent in KP and 99.2 per cent in Balochistan was observed during Kharif 2023 over Kharif 2022.

The share of Punjab in urea offtake on five-year basis was 67.3 per cent, Sindh 24.3, KP 4.7 and Balochistan 3.7 per cent. As regards DAP offtake on provincial basis, Punjab's share was 71.7 per cent, Sindh 21.2, KP 3.6 and Balochistan 3.5 per cent .

Province-wise summary in respect of urea and DAP offtake during Kharif 2023 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 2023 compared with previous seasons

Province						('000 tonnes)	
	Kharif 2019	Kharif 2020	Kharif 2021	Kharif 2022	Kharif 2023	Per cent change over Kharif 2022	Provincial share (average of 5 years) Per cent
UREA							
Punjab	2059	2143	2165	2146	2212	3.1	67.3
Sindh	735	740	775	746	870	16.7	24.3
KP	132	156	141	159	166	4.1	4.7
Balochistan	98	149	177	86	74	-13.8	3.7
Total	3,024	3,188	3,258	3,137	3,322	5.9	100
Per cent change over previous year		5.4	2.2	-3.7	5.9		
DAP							
Punjab	692	795	677	348	550	58.0	71.7
Sindh	206	269	158	117	157	33.9	21.2
KP	35	46	29	14	29	99.7	3.6
Balochistan	42	52	24	11	22	99.2	3.5
Total	974	1,162	889	491	758	54.4	100.0
Per cent change over previous year		19.3	-23.5	-44.8	54.4		

7. SUPPLY / DEMAND SITUATION DURING KHARIF 2023

7.1 Nutrient-wise supply / demand situation during Kharif 2023

The opening stock for Kharif 2023 was 379 thousand nutrient tonnes. Total supply, based on opening stock, domestic production and imports was 2,560 thousand nutrient tonnes, which was 123 thousand tonnes less than that of Kharif 2022 (Table 18).

Table 18. Fertilizer Supply/Demand situation during Kharif 2023

Description	('000 tonnes)						
	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos (NP)
Opening Balance	162	204	13	379	69	275	388
	(217)	(196)	(16)	(430)	(200)	(276)	(340)
Domestic production	1,808	275	6	2,089	3,328	392	406
	(1,751)	(317)	(11)	(2,080)	(3,157)	(451)	(457)
Imports	26	60	6	92	-	128	-
	(81)	(85)	(7)	(173)	(103)	(185)	-
Total Availability	1,997	538	25	2,560	3,398	795	793
	(2,050)	(599)	(34)	(2,683)	(3,459)	(913)	(797)
Offtake	1,932	502	20	2,453	3,322	758	657
	(1,706)	(303)	(13)	(2,022)	(3,137)	(491)	(318)
Adjustment (+)(-)	14	20	0	34	1	1	12
	(-6)	(18)	(-2)	(10)	(-29)	(39)	(2)
National Inventory	79	56	6	141	77	38	148
	(338)	(314)	(19)	(671)	(294)	(460)	(480)

Note: Figures in parenthesis are for Kharif 2022. 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 2,453 thousand nutrient tonnes which witnessed an increase by 21.3 per cent compared with 2022. Nitrogen offtake as proportion of supply crossed 80 per cent mark during months of August and Sept., 2023 which is reflecting of tight availability situation (Table 19, **Figure 7**). Phosphate offtake also exceeded 70 per cent during August 2023, which indicated tight availability situation. The closing stock was

141 thousand tonnes. The data are summarized in Table 18 and the month-wise nutrient supply/demand situation during Kharif 2023 may be seen in Annex-8. Month and nutrient-wise availability, its offtake, and offtake as proportion of availability are given in Table 19.

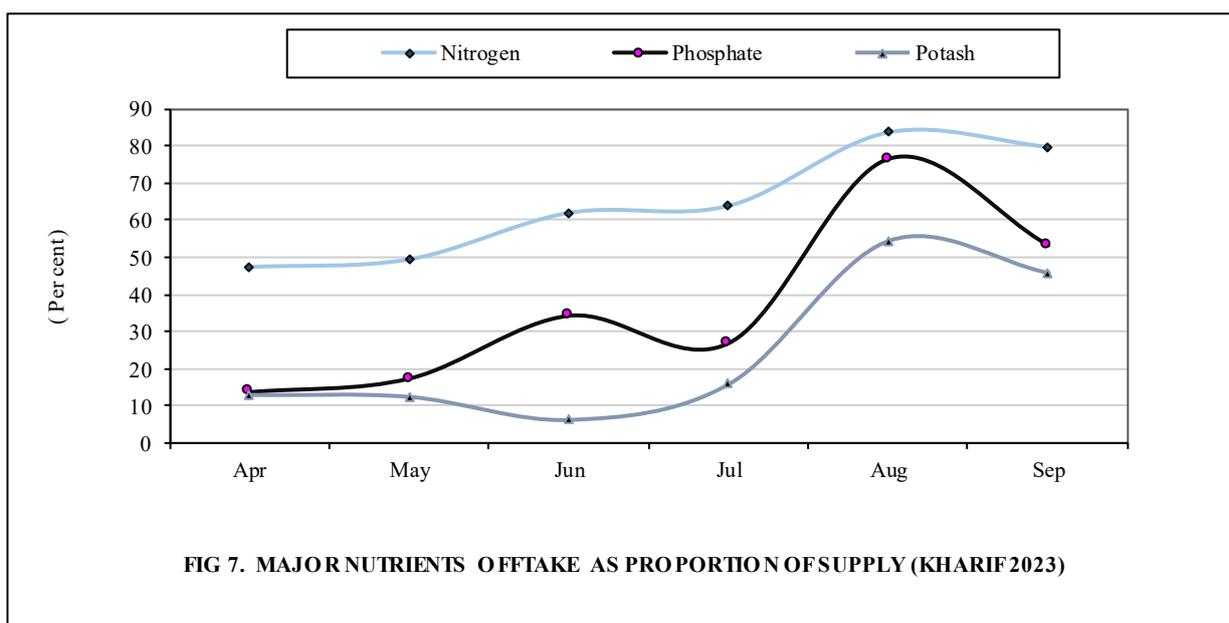


Table 19. Total supply and offtake of fertilizer nutrients during Kharif 2023

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-23	475	246	15	224	34	1.9	47	14	13
May-23	530	278	14	262	48	1.7	49	17	12
Jun-23	577	296	13	357	101	0.8	62	34	6
Jul-23	538	242	15	343	65	2.3	64	27	16
Aug-23	514	244	15	430	187	8.4	84	77	54
Sep-23	395	125	10	315	67	4.6	80	53	46

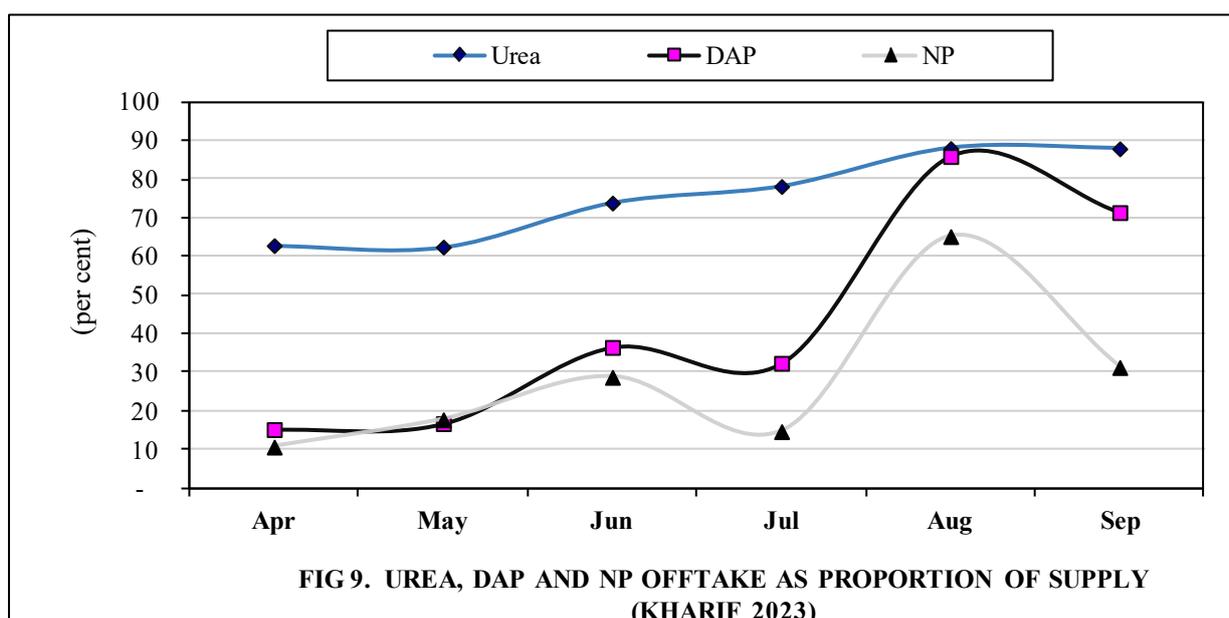
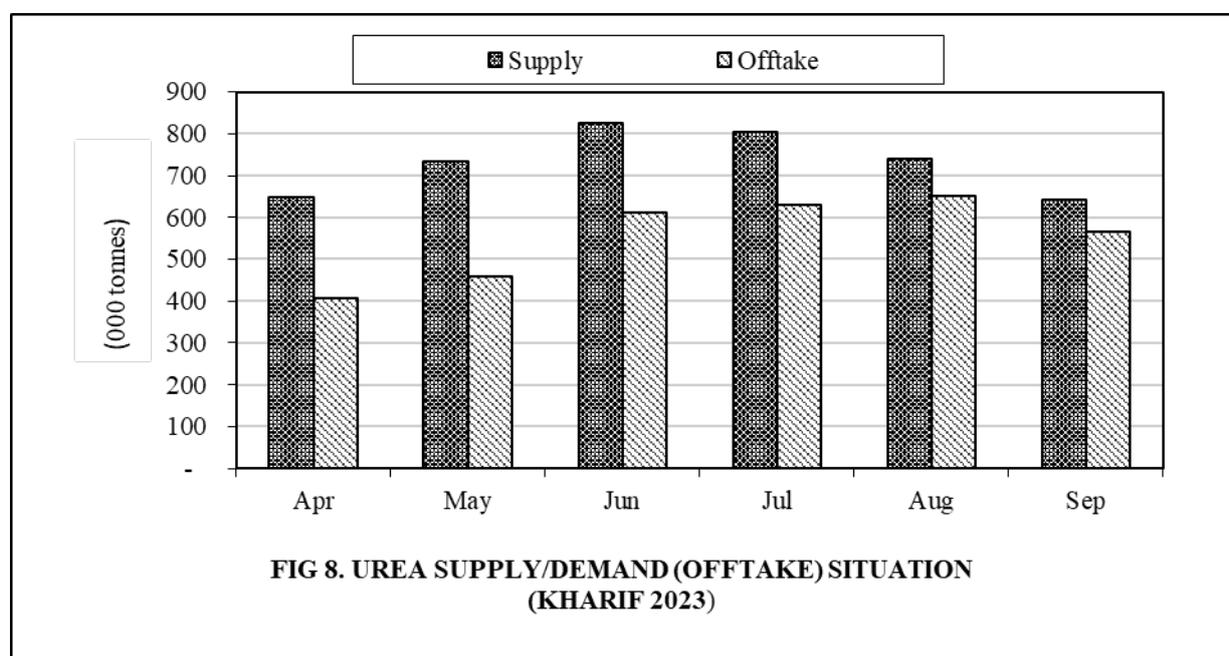
7.2 Urea supply / demand situation during Kharif 2023

Kharif 2023 started with a balance of 69 thousand tonnes of urea and domestic production was 3,328 thousand tonnes. Thus, total availability was 3,398 thousand tonnes. Urea offtake was

3,322 thousand tonnes, representing an increase of 5.9 per cent over Kharif 2022 (Table 17). Urea offtake as proportion of supply during Kharif 2023 crossed 80 per cent mark during months of August and Sept., 2023 which reflect tight availability situation (Table 20). Closing balance of urea for Kharif 2023 was 77 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 2023

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-23	649	334	454	408	51	48	63	15	11
May-23	735	394	467	459	66	83	63	17	18
Jun-23	826	433	464	610	158	133	74	37	29
Jul-23	805	348	396	629	113	58	78	32	15
Aug-23	739	306	410	650	263	267	88	86	65
Sep-23	641	151	215	564	108	67	88	71	31

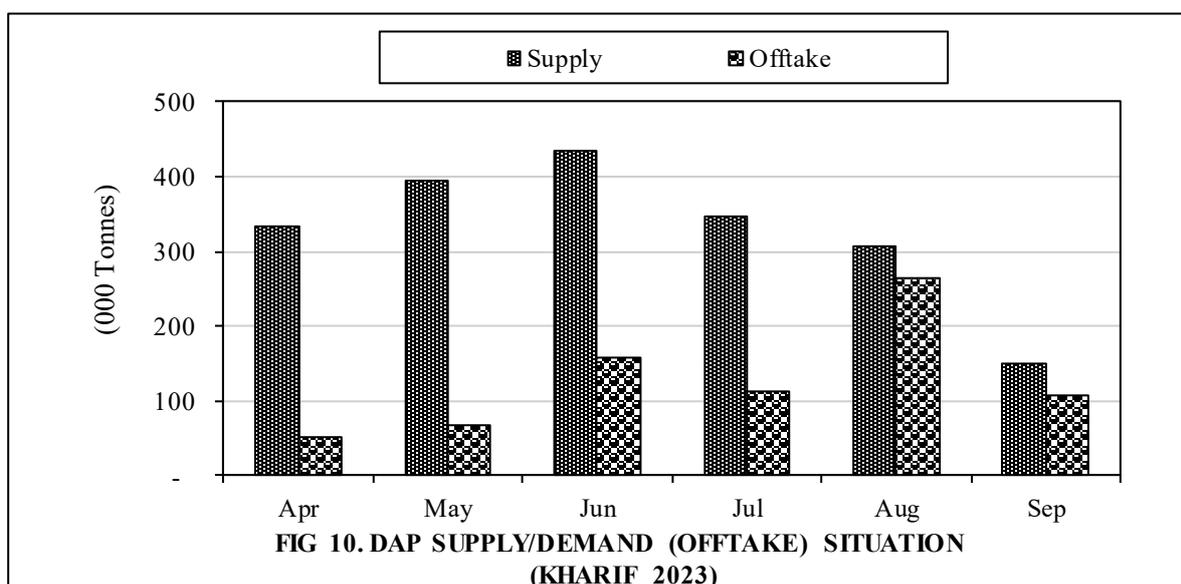


Urea offtake during Kharif 2023 compared with the last seasons is shown in Annex-6. The summarized data are given in Table 18. Month-wise total supply of urea, its offtake and offtake as proportion of availability are shown in Table 20 and the month-wise supply/demand situation in respect of urea and other products is presented in Annex-10. Consolidated supply/demand situation is shown in Annex-18.

7.3 DAP supply / demand situation during Kharif 2023

Total availability of DAP was 795 thousand tonnes which comprised opening inventory of 275 thousand tonnes, domestic production of 392 thousand tonnes and imports of 128 thousand tonnes. Offtake of DAP remained 758 thousand tonnes during Kharif 2023. DAP offtake in proportion of supply remained well below 70 per cent mark during Kharif 2023 except in August and Sept., 2023 which reflects tight availability situation. The closing stock was worked out to be 38 thousand tonnes at the end of Kharif 2023 (Table 18 and 20).

DAP offtake during Kharif 2023 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 2023

With the opening stock of 388 thousand tonnes and domestic production of 406 thousand tonnes, total availability during Kharif 2023 was 793 thousand tonnes. Total offtake remained 657 thousand tonnes. The closing stock was 148 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 2023-24

8.1 Domestic production

During Rabi 2023-24 (October-March), the domestic industry produced 4,806 thousand product tonnes or 2,178 thousand nutrient tonnes (3,965 thousand product tonnes or 1,777 thousand nutrient tonnes in Rabi 2022-23) showing an increase of 21.2 per cent in product terms and 22.5 per cent in nutrient terms compared with Rabi 2022-23. Increase in domestic production was mainly due to operation of two SNGPL based urea plants and FFBL DAP plant during entire Rabi season 2023-24. Nitrogen production was 1,865 thousand tonnes (1,574 thousand nutrient tonnes during Rabi 2022-23) showing an increase of 18.5 per cent whereas phosphate production was 303 thousand tonnes (200 thousand nutrient tonnes during Rabi 2022-23) which increased by 51.9 per cent. Nitrogen occupied 85.6 per cent share in total domestic production, while phosphate accounted for 13.9 per cent share.

Of the seven fertilizer products produced in the country, the share of urea in the total production during Rabi 2023-24 was 70.8 per cent (73.8 per cent in Rabi 2022-23) followed by NP 9.9 per cent (9.4 per cent in Rabi 2022-23), CAN 9 per cent (10 per cent during Rabi 2022-23), DAP 8.2 per cent (5.7 per cent during Rabi 2022-23), SSP 1.0 per cent (same as during Rabi 2022-23), NPK's of various grades 0.4 per cent (0.3 per cent during Rabi 2022-23) and SOP 0.2 per cent (0.1 per cent during Rabi 2022-23). Urea production was 3,401 thousand product tonnes during Rabi 2023-24, showing an increase of 16.2 per cent over previous season 2022-23. The production of DAP increased by 73.6 per cent while, that of SSP increased by 25.3 per cent. The production of NP also increased by 27.3 per cent. Tonnage-wise, the domestic industry produced the following quantities during Rabi 2023-24: Urea 3,401, NP 477, CAN 453, DAP 393, SSP 50, various grades of NPK's 21 and SOP 11 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 Imports

Fertilizer imports during Rabi 2023-24 were 883 thousand tonnes which represented an increase of 44 per cent compared with Rabi 2022-23. In nutrient terms, 488 thousand tonnes were imported which was 45 per cent more than that of previous Rabi season.

Nitrogen and phosphate imports occupied 44.6 and 52.1 per cent share in the total imports, respectively. Volume of imported fertilizer during Rabi 2023-24 comprised of DAP 552, Urea 220, AS 80, SOP 20, MOP 10 and 0.3 thousand tonnes of MAP, respectively. 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 2023-24

Products	Manufacturer	Rabi 2022-23		Rabi 2023-24		Per cent change over Rabi 2022-23
		Production ('000 t)	Per cent share	Production ('000 t)	Per cent share	
PRODUCTS						
UREA	Fatimafert (DHCL)	131	3.3	280	5.8	114.6
UREA	EFERT	963	24.3	1203	25.0	25.0
UREA(PFL)	PAK ARAB	33	0.8	53	1.1	63.8
UREA(PAFL)	Agritech	96	2.4	195	4.1	102.5
UREA (Prilled)	FFC	795	20.1	860	17.9	8.2
UREA (Granular)	FFBL	226	5.7	153	3.2	-32.1
UREA (PSFL)	FFC	434	11.0	389	8.1	-10.5
UREA	Fatima	250	6.3	267	5.6	6.9
UREA	TOTAL	2927	73.8	3401	70.8	16.2
SSP (H. PUR 18%)	Agritech	36	0.9	43	0.9	19.9
SSP	Suraj Fertilizers	4	0.1	7	0.2	71
SSP	Safi Chemicals	0.03	0	-	-	-100
SSP	TOTAL	40	1.0	50	1.0	25.3
NP	PAK ARAB	130	3.28	198	4.1	52
NP	EFERT	26	0.6	53	1.1	107.8
NP	Fatima	219	5.5	226	4.7	3.2
NP	TOTAL	374	9.4	477	9.9	27.3
CAN	PAK ARAB	124	3.13	208	4.3	68
CAN	Fatima	257	6.5	244	5.1	0.0
CAN	TOTAL	382	10	453	9	18.7
SONA-DAP	FFC	226	5.7	393	8.2	73.6
SOP	Pacific Exim Pvt Ltd.	3	0.1	10	0.2	205
SOP	Agven	-	-	1.2	0.02	-
SOP	TOTAL	3	0.1	11	0.2	241
NPK (Various Grades)	EFERT	12	0.3	21	0.4	79.0
NPK (Various Grades)	Safi Chemicals	-	-	-	-	-
ALL PRODUCTS	TOTAL	3,965	100	4,806	100	21.2
NUTRIENTS						
	Nitrogen Total	1574	88.6	1865	85.6	18.5
	Phosphate Total	200	11.2	303	13.9	51.9
	Potash Total	4	0.2	9.3	0.4	152.7
	Nutrients Total	1,777	100	2,178	100	22.5

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

Table 22. Fertilizer imports during Rabi 2023-24

Products	Rabi 2022-23		Rabi 2023-24		Per cent change over Rabi 2022-23
	Imports ('000t)	Per cent share	Imports ('000t)	Per cent share	
PRODUCTS					
Urea	297	48.3	220	25	25
DAP	302	49.1	552	63	83
SOP	9	1.5	20	2.3	111
MOP	-	-	10	1.1	-
AS	6	0.9	80	9.1	-
TSP	0.3	-	-	-	-100
MAP	0.3	0.05	0.3	0.03	-17
All Products	614	100	883	100	44
NUTRIENTS					
Nitrogen	192	57.2	218	44.6	13
Phosphate	139	41.4	254	52.1	83
Potash	5	1.4	16	3.3	240
Total	336	100	488	100	45

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

9. FERTILIZER OFFTAKE / CONSUMPTION DURING RABI 2023-24

9.1 Fertilizer offtake / use by nutrients

Rabi 2023-24 witnessed an increase of 4.9 per cent in terms of nutrient offtake over last Rabi 2022-23 (Table 23). Total offtake was 2,539 thousand nutrient tonnes. Nitrogen offtake increased by 2.4 per cent (1.7 per cent increase during Rabi 2022-23) while phosphate offtake increased by 15.2 per cent (18.8 per cent decrease during Rabi 2022-23). Potash offtake also increased by 20.4 per cent (47.6 per cent decrease in Rabi 2022-23). Nitrogen accounted for 78.7 per cent share in total nutrient offtake (80.7 per cent during Rabi 2022-23). Phosphate offtake captured 20.3 per cent share (18.5 per cent during Rabi 2022-23), while potash share remained 0.9 per cent during Rabi 2023-24.

The summarized data are presented in Table 23, 25 and Annex-21 and the monthly nutrient offtake during Rabi 2023-24 compared with the last four seasons is given in Annex-3.

Table 23. Fertilizer nutrient offtake during Rabi 2023-24 compared with previous seasons

('000 tonnes)						
Nutrient	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Nitrogen	1,727	1,658	1,898	1,920	1,952	1,999
Phosphate	604	583	625	552	448	516
Potash	25.8	24.8	34.9	37.7	19.8	23.8
Total	2,357	2,266	2,558	2,510	2,420	2,539
N:P Ratio	2.86	2.85	3.04	3.48	4.35	3.87
(% Change)						
Nitrogen		-4.0	14.4	1.2	1.7	2.4
Phosphate		-3.6	7.3	-11.7	-18.8	15.2
Potash		-4.1	40.6	8.2	-47.6	20.4
Total		-3.9	12.9	-1.9	-3.6	4.9

9.2 Province-wise nutrient offtake during Rabi 2023-24

At national level nutrient offtake during Rabi 2023-24 increased by 4.9 per cent. At provincial level, increases of 5.6 and 11.8 per cent over Rabi 2022-23 were witnessed in Punjab and Sindh (Table 24). However, offtake in KP and Balochistan decreased by 10.9 and 40.2 per cent, respectively.

Nutrient-wise, nitrogen offtake during Rabi 2023-24 witnessed an increase of 2.4 per cent at national level. Offtake of nitrogen in Punjab and Sindh increased by 2.8 and 8.8 per cent, respectively. However, nitrogen offtake decreased by 9.6 and 40.4 per cent in KP and Balochistan.

Phosphate offtake during Rabi 2023-24 increased by 15.2 per cent at national level. At provincial level, increases of 16.5 and 27.3 per cent were observed in Punjab and Sindh, whereas decreases of 15.3 and 40.8 per cent were observed in KP and Balochistan, respectively.

Potash offtake also witnessed an increase of 20.4 per cent over 2022-23 at national level. Province wise offtake of potash increased by 32.8 and 24.1 in Punjab and Balochistan, whereas decreases of 13.7 and 21.8 per cent were observed in Sindh and KP, respectively.

The share of Punjab in overall nutrient offtake on five-year average basis was 69.3 per cent, followed by Sindh 23.3 per cent, KP 4.3 per cent and Balochistan 3 per cent, respectively. Aggregated data comparing the last five seasons are reflected in Table 24 and the detailed month, province and nutrient-wise data for Rabi 2023-24 compared with the last 5 seasons are presented in Annex-4.

Table 24. Province-wise nutrient offtake during Rabi 2023-24 compared with previous Rabi seasons

('000 tonnes)

Province	Rabi 2019-20	Rabi 2020-21	Rabi 2021-22	Rabi 2022-23	Rabi 2023-24	Per cent change over Rabi 2022-23	Provincial share (average of 5 years) Per cent
Total							
Punjab	1,526	1,806	1,779	1,660	1,753	5.6	69.3
Sindh	537	561	576	562	629	11.8	23.3
KP	99	115	98	114	102	-10.9	4.3
Balochistan	103	76	57	84	50	-40.2	3.0
Total	2,266	2,558	2,510	2,420	2,539	4.9	100
Per cent change over previous year		12.9	-1.9	-3.6	4.9		
Nitrogen							
Punjab	1,108	1,327	1,358	1,334	1,371	2.8	68.9
Sindh	401	424	444	461	501	8.8	23.7
KP	74	87	75	90	82	-9.6	4.3
Balochistan	75	59	43	67	40	-40.4	3.0
Total	1,658	1,898	1,920	1,952	1,999	2.4	100
Per cent change over previous year		14.4	1.2	1.7	2.4		
Phosphate							
Punjab	400	454	398	312	363	16.5	70.7
Sindh	132	130	120	97	124	27.3	22.1
KP	23	25	21	22	19	-15.3	4.1
Balochistan	27	16	13	17	10	-40.8	3.1
Total	583	625	552	448	516	15.2	100
Per cent change over previous year		7.3	-11.7	-18.8	15.2		
Potash							
Punjab	18	24	23	14	19	32.8	70.1
Sindh	4	7	12	4	3.5	-13.7	22.1
KP	1.7	2.5	1.3	1.2	0.9	-21.8	5.4
Balochistan	0.9	1.1	0.7	0.3	0.4	24.1	2.4
Total	24.8	34.9	37.7	19.8	23.8	20.4	100
Per cent change over previous year		40.6	8.2	-47.6	20.4		

9.3 Fertilizer offtake / use by product during Rabi 2023-24

A total of 5,398 thousand product tonnes were consumed during Rabi 2023-24, which represented an increase of 4.2 per cent over last Rabi season (Table 25). The offtake of domestic products increased by 4.1 per cent, while that of imported fertilizers increased by 4.7 per cent as compared to Rabi 2022-23.

Among various products, urea accounted for 65.3 per cent share in total fertilizer offtake, followed by DAP with 16.2 per cent (**Figure 11**). The shares of CAN, NP and SSP were 7.9, 7.8 and 1 per cent, respectively. The cumulative share of remaining products was 1.8 per cent. The share of domestic products in total fertilizer offtake was 85.9 per cent (same as during Rabi 2022-23), while that of imported fertilizer 14.1 per cent (same as during Rabi 2022-23).

The consolidated product-wise fertilizer offtake during Rabi 2022-23 and Rabi 2023-24 is presented in Table 25. Detailed month-wise and product-wise offtake is given in Annex-10, 21 and consolidated in Annex-23.

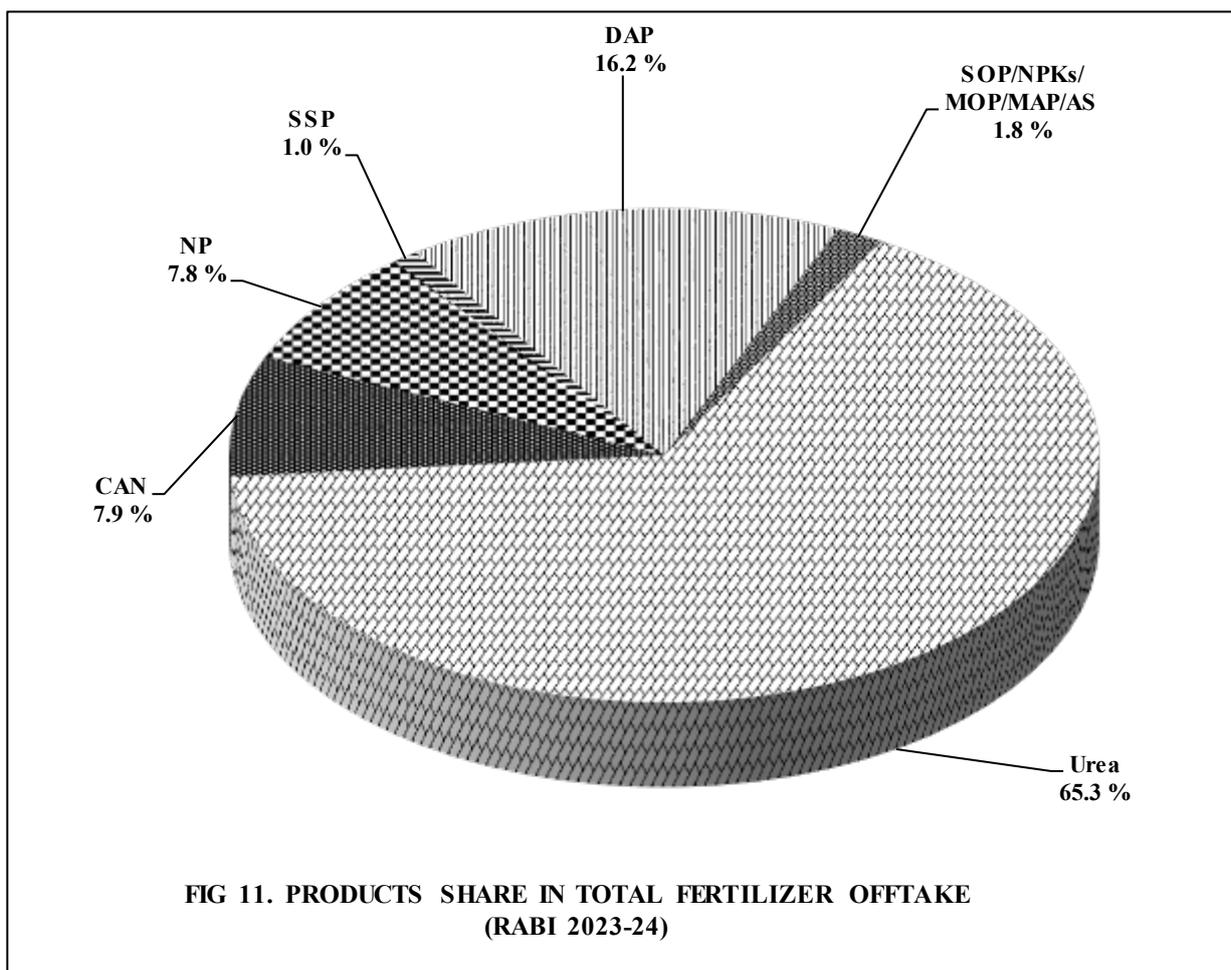


Table 25. Product-wise fertilizer offtake during Rabi 2023-24

Products	('000 tonnes)				
	Rabi 2022-23	Per cent Share	Rabi 2023-24	Per cent Share	Per cent change over 2022-23
Urea domestic	3074	59.3	3305	61.2	7.5
Urea imported	395	7.6	219	4.1	0.0
Total Urea	3,469	67.0	3,525	65.3	1.6
CAN domestic	437	8.4	427	7.9	-2.2
NP domestic	470	9.1	421	7.8	-10.4
NP Imported	-	-	-	-	0.0
Total NP	470	9.1	421	7.8	-10.4
SSP domestic	32	0.6	53	1.0	64.3
SSP Imported	-	-	-	0.0	-
Total SSP	32	0.6	53	1.0	64.3
DAP domestic	408	7.9	396	7.3	-2.9
DAP Imported	302	5.8	480	8.9	58.7
Total DAP	710	13.7	876	16.2	23.4
TSP Imported	0.3	0.0	-	-	-
SOP domestic	8	-	11	0.2	-
SOP Imported	16	0.3	19	0.3	16.9
NPK's domestic	23	0.4	21	0.4	-9.7
MOP Imported	6	0.1	8	0.1	31.9
MAP Imported	2	0.03	1	0.02	0.0
AS Imported	8	0.14	36	0.7	384.6
Grand Total	5,181	99.9	5,398	100.0	4.2
Total domestic	4,452	85.9	4,635	85.9	4.1
Total Imported	729	14.1	763	14.1	4.7
A. DOMESTIC					
Nitrogen	1,714	70.8	1,804	71.0	5.3
Phosphate	308	12.7	295	11.6	-4.3
Potash	8	0.3	10	0.4	18.2
Total	2,030	83.9	2,108	83.0	3.8
B. IMPORTED					
Nitrogen	238	9.8	195	7.7	-18.0
Phosphate	140	5.8	221	8.7	58.0
Potash	12	0.5	14	0.6	21.5
Total	390	16.1	430	17.0	10.5
C. TOTAL					
Nitrogen	1,952	80.7	1,999	78.7	2.4
Phosphate	448	18.5	516	20.3	15.2
Potash	19.8	0.8	23.8	0.9	20.4
Total	2,420	100.0	2,539	100.0	4.9

9.4 Province-wise urea and DAP offtake / consumption during Rabi 2023-24

Urea offtake during Rabi 2023-24 increased by 1.6 per cent over Rabi 2022-23 at national level (Table 26). At provincial level, offtake increased by 2 and 7.4 per cent in Punjab and Sindh, whereas it decreased by 7.6 and 41.5 per cent in KP and Balochistan, respectively.

At national level, DAP offtake witnessed an increase of 23.4 per cent during Rabi 2023-24 as compared to same time frame of Rabi 2022-23. Province wise increases of 25.3 and 32 per cent were observed in Punjab and Sindh while decreases of 9.4 and 37.2 per cent were recorded in KP and Balochistan, respectively.

On the basis five years average, the share of Punjab in urea offtake was 68.5 per cent, Sindh 23.7, KP 4.7 and Balochistan 3 per cent, respectively. As regards DAP offtake on provincial basis, Punjab's share was 72 per cent, Sindh 21.7, KP 3.4 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 offtake of urea and DAP during Rabi 2023-24 compared with the last five seasons is presented in Table 26. Detailed province-wise urea and DAP offtake comparison of Rabi 2023-24 with last five seasons is given in Annexure-6 whereas province-wise offtake of all products for Rabi 2022-23 and 2023-24 is given at Annex-7.

Table 26. Province-wise offtake of urea and DAP during Rabi 2023-24 compared with previous seasons

Province						('000 tonnes)	
	Rabi 2019-20	Rabi 2020-21	Rabi 2021-22	Rabi 2022-23	Rabi 2023-24	Per cent change over Rabi 2022-23	Provincial share (Average of 5 years) Per cent
Urea							
Punjab	1897	2214	2350	2363	2410	2.0	68.5
Sindh	706	743	755	815	876	7.4	23.7
KP	139	164	143	172	159	-7.6	4.7
Balochistan	130	104	72	118	69	-41.5	3.0
Total	2,872	3,225	3,320	3,469	3,525	1.6	100.0
Per cent change over previous year		12.3	3.0	4.5	1.6		
DAP							
Punjab	753	818	682	501	628	25.3	72.0
Sindh	239	225	194	157	207	32.0	21.7
KP	36	39	31	29	26	-9.4	3.4
Balochistan	51	27	20	24	15	-37.2	2.9
Total	1,079	1,108	927	710	876	23.4	100.0
Per cent change over previous year		2.7	-16.4	-23.4	23.4		

10. SUPPLY / DEMAND SITUATION DURING RABI 2023-24

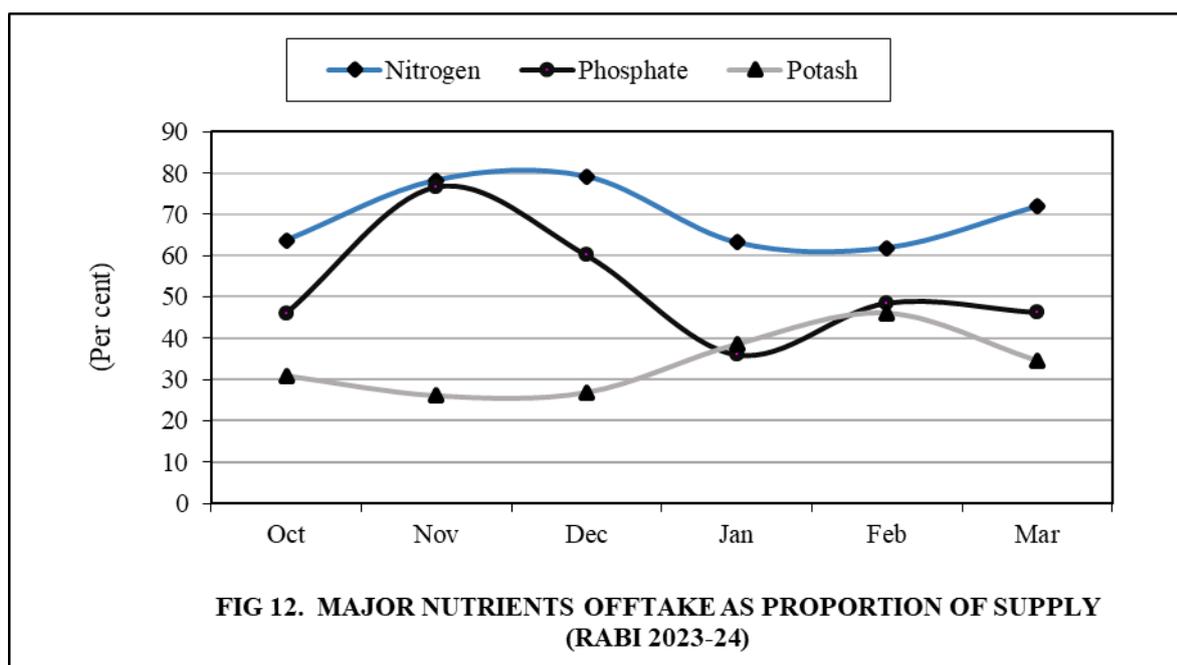
10.1 Nutrient-wise supply / demand situation

Rabi 2023-24 started with an opening inventory of about 141 thousand nutrient tonnes. Domestic production was 2,178 thousand nutrient tonnes. Imports were 488 thousand nutrient tonnes. Total availability was therefore, 2,806 thousand nutrient tonnes (Table 27). Total nutrient offtake during Rabi 2023-24 was 2,539 thousand nutrient tonnes. The closing stock was 227 thousand tonnes. **Figure 12** presents major nutrients offtake as proportion of supply during Rabi 2023-24. It may be seen that nitrogen offtake as proportion of supply did not exceed 80 per cent mark during Rabi 2023-24, which is a sign of comfortable situation (Table 28).

Table 27 Fertilizer supply/demand situation during Rabi 2023-24

Description	(000 tonnes)						
	Nitrogen	Phosphate	Potash	Total	Urea	DAP	Nitrophos
Opening Balance	79	56	6	141	77	38	148
	(338)	(314)	(19)	(671)	(294)	(460)	(480)
Domestic production	1865	303	9	2,178	3401	393	477
	(1574)	(200)	(4)	(1,777)	(2927)	(226)	(374)
Imports	218	254	16	488	220	552	0
	(192)	(139)	(5)	(336)	(297)	(302)	0
Total Availability	2,162	614	31	2,806	3,698	983	625
	(2,104)	(653)	(27)	(2,784)	(3,518)	(989)	(855)
Offtake	1999	516	24	2,539	3525	876	421
	(1952)	(448)	(20)	(2,420)	(3469)	(710)	(470)
Exports	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Adjustment (+)(-)	-23	-18	1	-40	0.3	-29	-2
	(10)	(-1)	(5)	(14)	(20)	(-4)	(3)
National Inventory	140	80	8	227	174	78	201
	(162)	(204)	(13)	(379)	(69)	(275)	(388)

Note: Figures in parenthesis are for Rabi 2022-23. Quantities less than one thousand are not given in this Table. Small variations may be due to rounding of figures



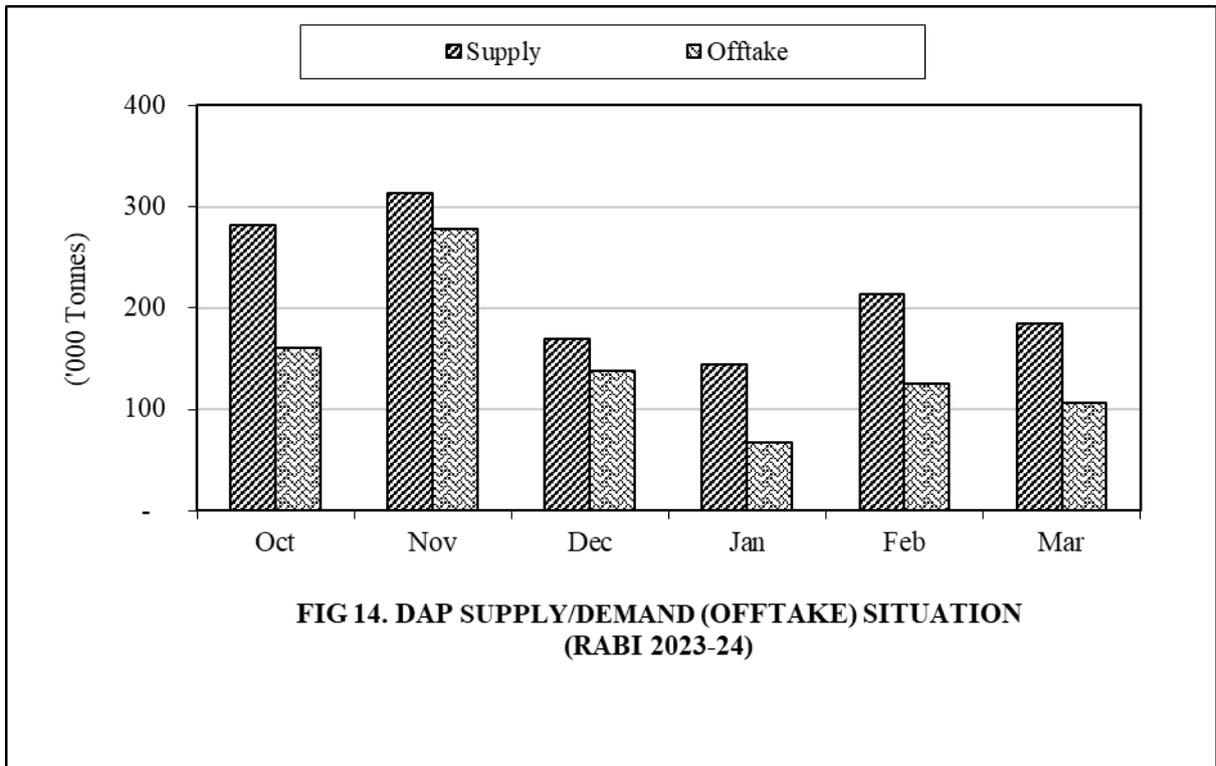
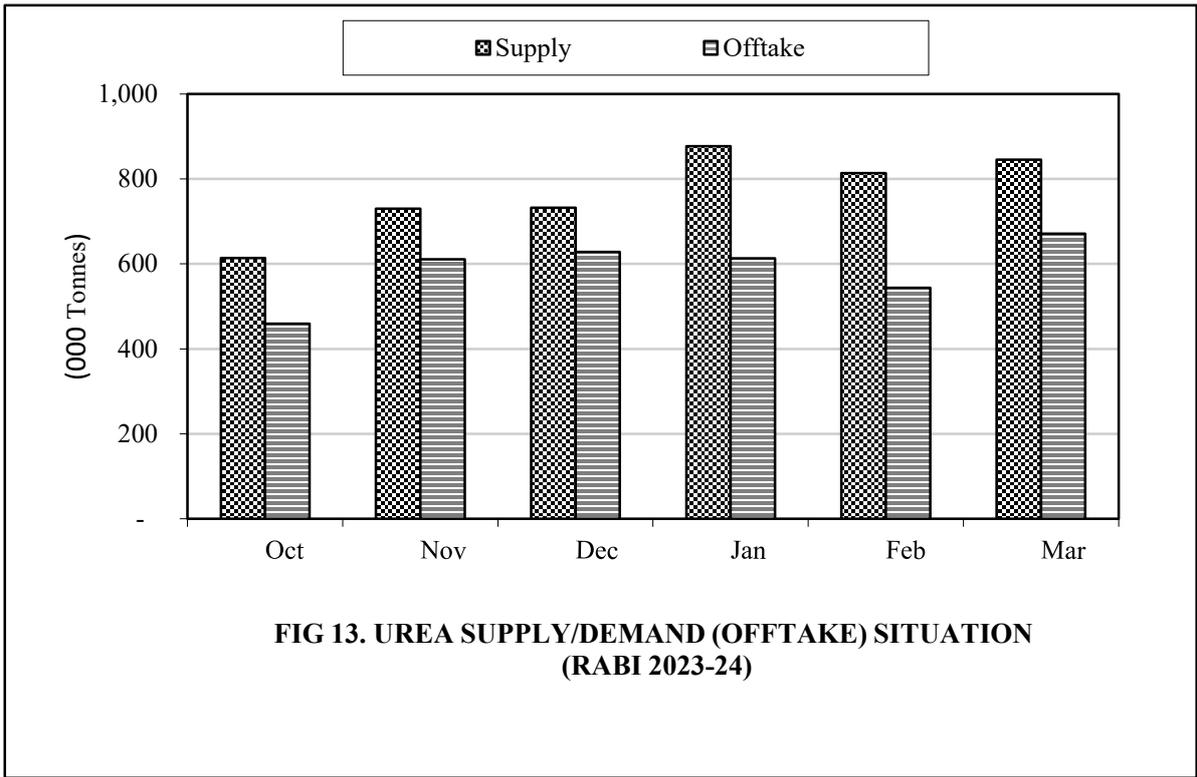
The data are summarized in Table 27. The month-wise nutrient supply/demand situation during Rabi 2023-24 may be seen in Annex-8. Consolidated nutrient-wise supply/demand situation may be seen at Annex-22 and month-wise availability and off-take as proportion of availability is reflected in Table 28.

Table 28. Total supply and off-take of fertilizer nutrients during Rabi 2023-24

Months	Total availability ('000 tonnes)			Off-take ('000 tonnes)			Off-take as proportion of availability (per cent)		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
Oct-23	409	189	10	261	87	3.2	64	46	31
Nov-23	485	210	11	380	161	2.8	78	77	26
Dec-23	445	132	10	352	79	2.7	79	60	27
Jan-24	518	125	13	327	45	5.0	63	36	39
Feb-24	505	162	13	312	78	5.9	62	48	46
Mar-24	508	142	12	366	66	4.2	72	46	35

10.2 Urea supply / demand situation during Rabi 2023-24

Rabi 2023-24 started with a balance of about 77 thousand tonnes of urea. Domestic production was 3,401 thousand tonnes and 220 thousand tonnes was imported supply. Thus, total availability was 3,698 thousand tonnes (Table 27). Urea off-take during Rabi 2023-24 was 3,525 thousand tonnes. Urea off-take as proportion of supply was exceeded 80 per cent during the months of November and December 2023 which reflects tight availability situation (**Figure 13**). The closing stock was 174 thousand tonnes at the end of March 2024 (Table 27 and 29). Supply vs. off-take is shown in **Figure 14**.



Urea offtake during Rabi 2023-24 compared with last seasons is shown in Annex-6. Month wise and consolidated supply/demand situation during Rabi 2023-24 is presented in Annex-10 and the consolidated Rabi 2023-24 situation in Annex-23.

10.3 DAP supply / demand situation during Rabi 2023-24

Rabi 2023-24 started with an opening inventory of 38 thousand tonnes of DAP. Total availability, based on opening stock, domestic production (393 thousand tonnes) and imports (552 thousand tonnes) was 983 thousand tonnes (Table 27). Total DAP offtake was 876 thousand tonnes. The closing stock worked out to be 78 thousand tonnes by the end of March 2024 (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 2023-24

Rabi 2023-24 started with an opening stock of 148 thousand tonnes. Total availability based on opening stock and domestic production of 477 thousand tonnes was 625 thousand tonnes (855 thousand tonnes during Rabi 2022-23). Total nitrophos offtake during the season was 421 thousand tonnes (470 thousand tonnes during 2022-23) leaving a closing stock of 201 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.

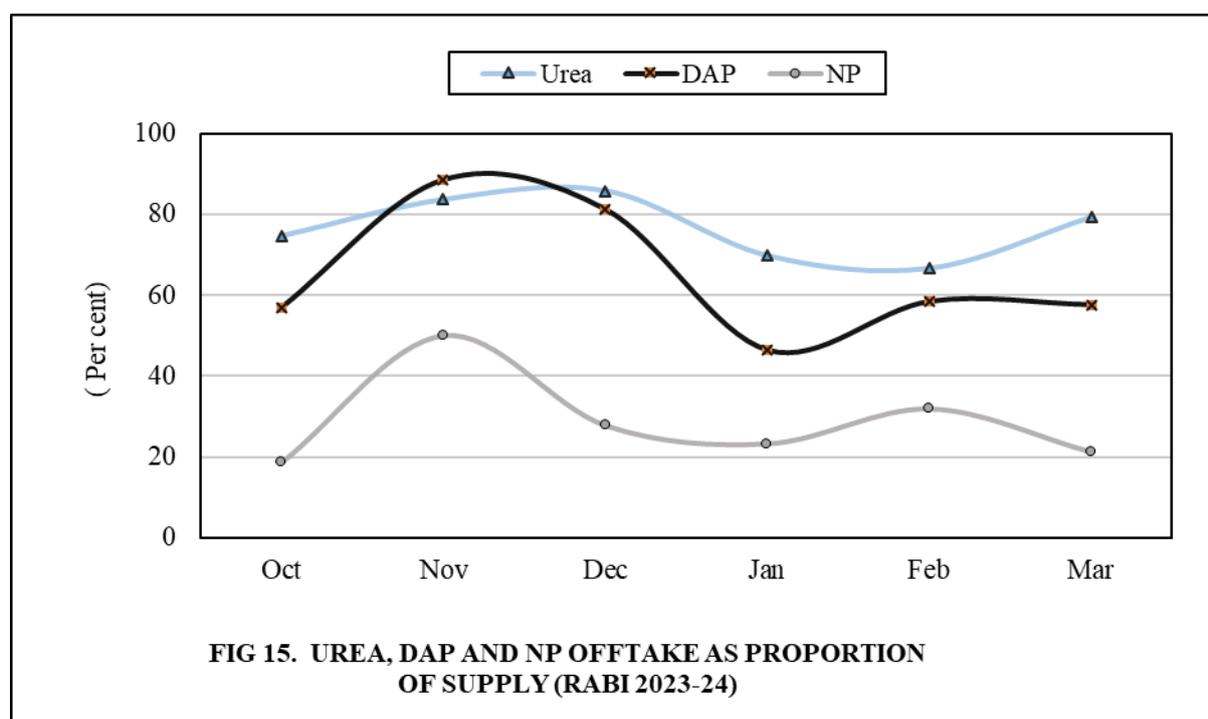


Table 29. Total supply and offtake of principal products during Rabi 2023-24

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-23	614	282	225	459	161	42	75	57	19
Nov-23	730	314	259	611	278	130	84	89	50
Dec-23	732	170	213	628	138	59	86	81	28
Jan-24	877	144	238	613	67	55	70	46	23
Feb-24	813	214	253	543	125	81	67	58	32
Mar-24	845	185	256	671	107	54	79	58	21

11. FERTILIZER PRICES**11.1 Domestic retail prices during Kharif 2023**

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 2023-24. The average market prices of all fertilizer products except SOP increased during Kharif 2023. Prices of urea (sona) and urea (other) witnessed an increase of 27.2 per cent and 26.7 per cent, respectively. Price of CAN, DAP, NP, SSP (G) and various grade of NPKs increased by 15.9, 15.8, 15.5, 12.7 and 2.8 per cent, respectively while price of SOP decreased by 4.3 per cent during Kharif 2023. The average price of urea (sona), urea (other) and DAP was Rs. 3,302, Rs. 3,228 and Rs. 10,359 per 50 kg bag, respectively.

Table 30. Average Fertilizer Retail Sale Prices from April 2023 to June 2024

Seasons/Months/Year	(Rs. per 50 Kg bag)									
	Urea Sona	Urea Other	DAP	NP	CAN	SOP	TSP	SSP (P)	SSP (G)	NPK
Kharif 2023										
Apr-23	2998	2916	10405	5896	2884	12536	-	-	2505	8186
May-23	3078	3016	10152	5687	2873	12274	-	-	2540	8121
Jun-23	3040	2949	9583	5574	2831	11655	-	-	2501	7956
Jul-23	3291	3259	9270	5261	2959	11618	-	-	2353	7683
Aug-23	3592	3530	10689	5934	3185	11753	-	-	2462	7857
Sep-23	3814	3696	12054	6811	3342	11995	-	-	2822	8414
Kharif Average Price	3302	3228	10359	5861	3012	11972	-	-	2531	8036
% change in Sep,23 over Apr, 23	27.2	26.7	15.8	15.5	15.9	-4.3	-	-	12.7	2.8
Rabi 2023-24										
Oct-23	3786	3707	12183	6944	3362	11881	-	-	2796	8285
Nov-23	3968	3874	13071	7469	3470	12273	-	-	2864	8611
Dec-23	4454	4276	13658	8389	3608	12475	-	-	2964	8902
Jan-24	4602	4378	12755	8215	3678	12466	-	-	2862	8928
Feb-24	4691	4446	12399	7970	3779	12518	-	-	2840	9006
Mar-24	4875	4587	12347	7958	4217	12556	-	-	2799	9061
Rabi Average Price	4396	4211	12736	7824	3686	12361	-	-	2854	8799
% change in Mar,24 over Oct, 23	28.8	23.7	1.3	14.6	25.4	5.7	-	-	0.1	9.4
Apr-24	4882	4631	12174	7875	4292	12605	-	-	2802	9051
May-24	4840	4700	11553	7721	4286	12502	-	-	2725	9000
Jun-24	4744	4630	10941	7471	4344	12510	-	-	2691	8966
Average from July,2023 to June,24	4295	4143	11924	7335	3710	12263	-	-	2748	8647
% change in June over July	44.2	42.1	18.0	42.0	46.8	7.7	-	-	14.4	16.7

Source: Pakistan Bureau of Statistics, Islamabad

11.2 Domestic retail prices during Rabi 2023-24

Prices of all fertilizer products increased during Rabi 2023-24. Average prices of urea (sona), urea (other), CAN, NP, NPK, SOP, DAP and SSP (G) increased by 28.8, 23.7, 25.4, 14.6, 9.4, 5.7, 1.3 and 0.1 per cent, respectively. The average price of urea (sona), urea (other) and DAP was Rs. 4,396, Rs. 4,211 and Rs. 12,736 per 50 kg bag, respectively.

11.3 Domestic prices during 2023-24

Prices of all fertilizers increased significantly during fiscal year 2023-24. The average price of urea (sona), urea (other), CAN and NPK increased by 44.2, 42.1, 46.8 and 16.7 per cent, respectively. The prices of NP, DAP, SSP(G) and SOP also increased by 42, 18, 14.4 and 7.7 per cent, respectively. The average price of urea (sona), urea (other) and CAN was Rs. 4,295, Rs. 4,143 and Rs. 3,710 per 50 kg bag, respectively while average price of DAP, NP and SOP remained Rs. 11,924, Rs. 7,335 and Rs. 12,263 per 50 kg bag, respectively.

11.4 International prices

The average fertilizer prices of urea, DAP and TSP prevalent in international markets during Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 are given in Table 31.

11.4.1 Kharif Season 2023

Urea prices in international market during Kharif 2023 increased by 24.6 per cent in Middle East and 7.6 per cent in China. DAP prices in international market increased by 11.5 per cent in Australia while by 5.0 per cent in China market. Price of urea was in range of US \$ 280 to 388.1 per tonne FOB while that of DAP ranged between US \$ 429.5 to 610.1 per tonne FOB. Price of TSP increased by 1.9 per cent during Kharif 2023.

11.4.2 Rabi Season 2023-24

During Rabi 2023-24, average monthly urea price in China market ranged between US \$ 327 to 372.5 per tonne FOB, while in Middle East, it ranged between US \$ 318.3 to 397 per tonne FOB. Urea price in Middle East decreased by 11.2 per cent while in China market, it decreased by 12.2 per cent. Price of DAP in Australia decreased by 0.5 per cent while its price slightly increased by 0.9 per cent in China. An increase of 2.8 per cent was observed in price of TSP in Tunisia during season under review.

11.4.3 Fiscal year 2023-24

During 2023-24, urea FOB prices fluctuated between US \$ 287.5 to 397 per tonne in Middle East and US\$ 301.3 to 378.1 per tonne in China market. Price of urea increased by 4.2 per cent

in Middle East while its price slightly increased by 0.8 per cent in China market. DAP price also witnessed an increase of 16.4 per cent in Australia from US \$ 482.4 in July 2023 to US \$ 561.4 per tonne FOB in June 2024. DAP price in China market increased by 25.4 per cent from US \$ 429.5 per tonne FOB in July 2023 to US \$ 538.8 per tonne FOB in June 2024. Price of TSP increased by 18.4 per cent from US \$ 368.9 per tonne FOB in July 2023 to US \$ 436.9 per tonne FOB in June 2024.

Table 31. Average International Fertilizer Prices during 2023-24

Seasons/Months/Year	(FOB Prices US \$/tonne)				
	Urea Middle East	Urea China	DAP Australia	DAP China	TSP Tunisia
Kharif 2023					
Apr-23	311.5	351.3	547.3	546	414.5
May-23	320	329.4	493	500.6	394.4
Jun-23	280	296.1	460.6	459.7	362.4
Jul-23	326.9	325.3	482.4	429.5	368.9
Aug-23	386.4	377.4	578.6	534.4	409.3
Sep-23	388.1	378.1	610.1	573.5	422.5
Kharif Average Price	335.5	342.9	528.7	507.3	395.3
% change in Sep, 23 over Apr, 23	24.6	7.6	11.5	5.0	1.9
Rabi 2023-24					
Oct-23	397.0	372.5	612.5	580.0	408.4
Nov-23	345.5	368	598.1	583.7	423
Dec-23	318.3	360.0	590.5	586.0	409.2
Jan-24	337.6	336.0	581.0	586.0	413.8
Feb-24	380.2	329.6	580.5	586.3	420.0
Mar-24	352.5	327.0	609.6	585.0	420.0
Rabi Average Price	355.2	348.9	595.4	584.5	415.7
% change in Mar, 24 over Oct, 23	-11.2	-12.2	-0.5	0.9	2.8
Fiscal year 2023-24					
Apr-24	302.0	301.3	540.3	539.8	416.9
May-24	287.5	326.1	516.0	512.6	407.5
Jun-24	340.6	327.9	561.4	538.8	436.9
Average from July,2023 to June, 2024	346.9	344.1	571.7	553.0	413.0
% change in June, 24 over July,23	4.2	0.8	16.4	25.4	18.4

Source: The Argus

12. MARKET SHARES OF FERTILIZER DISTRIBUTING AGENCIES

12.1 Marketing agencies in Pakistan

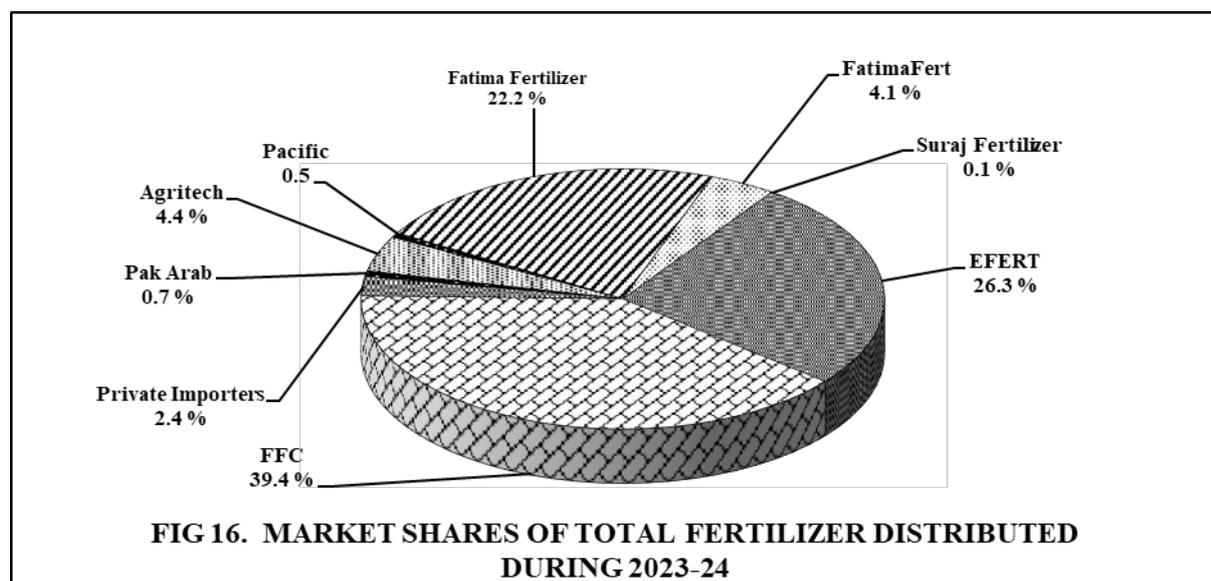
There are eight major private sector producers/distributors having marketing companies operating in the country. Fauji Fertilizer Company (FFC) is the largest urea manufacturing and marketing company. It has a network of about 3,095 dealers spread all over the country. Engro Fertilizer Limited (EFERT) is the oldest marketing company and operates in all the provinces. Fatima Fertilizer has developed a good marketing network throughout Pakistan.

Similarly, Agritech Limited has marketing network in Punjab and KP provinces. Suraj Fertilizer Industries has a large plant of SSP at Sahiwal and its marketing activities are confined to Punjab province only. Barket Fertilizer Limited (Pacific Exim) and Agven have entered manufacturing of fertilizer by installation of SOP plants at Karachi and Gawadar, respectively. Among the importers/marketing agencies in private sector, Jaffer Agro Services is the oldest in the field. United Agro Chemicals (Pvt.) Limited, United Agro Fertilizers, Chawla International, CINTL trading house, Sun Crop, Neelum Seeds and Premium Petroleum are in the imports business only and sell imported products throughout the country.

12.2 Market shares during 2023-24

During 2023-24, a total quantity of 10,275 thousand tonnes of various products domestically produced as well as imported, were handled by marketing agencies. Almost whole quantum was distributed by private sector manufacturing/marketing agencies (including importers).

FFC, EFERT, Fatima Fertilizer Limited, Agritech, Fatima Fert, Pak-Arab, Pacific Exim and Suraj Fertilizers market shares were 39.4, 26.3, 22.2, 4.4, 4.1, 0.7, 0.5 and 0.1 per cent, respectively. The share of private importers was 2.4 per cent (**Figure 16**).



Private sector handled 100 per cent of urea (93 per cent during 2022-23). FFC, EFERT and Fatima Fertilizer Limited shares in urea marketing were 46, 34 and 8 per cent, respectively, while each of Agritech and Fatima Fert had 6 per cent share. Share of Pak Arab in urea market was only 0.1 per cent. The shares of FFC, EFERT, Fatima Fertilizer Ltd. and Pacific Exim in DAP offtake were 63, 20, 5 and 2 per cent, respectively. CAN was moved by Pak Arab (4 per cent) and Fatima Fertilizer Company (96 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 2023-24

(Per cent)

SECTOR/AGENCIES	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	0	-	-	-	-	-	-	-	-	-	-	0
Total Public Sector	0	-	-	-	-	-	-	-	-	-	-	0
FFC	46	-	-	-	63	-	-	29	-	-	-	39.4
EFERT	34	-	10	-	20	100	-	13	23	-	10	26.3
Fatima Fert	6	-	-	-	-	-	-	-	-	-	-	4.1
Pak Arab	0.1	4	3	-	-	-	-	-	-	-	-	0.7
Agri Tech (Pvt.) Limited	6	-	-	88	-	-	-	-	-	-	1	4.4
Fatima Fertilizer Company Limited	8	96	87	-	5	-	-	-	-	-	-	22.2
Suraj Fertilizers	-	-	-	12	-	-	-	-	-	-	-	0.1
Safi Chemicals	-	-	-	0.1	-	-	-	-	-	-	-	0
Pacific Exim	-	-	-	-	2	-	-	37	3	-	3	0.5
Private Importers	-	-	-	-	10	-	-	22	74	100	87	2.4
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

12.3 Market shares during Kharif 2023

During Kharif 2023, a total quantity of about 5,281 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 99.9 per cent of total fertilizer volume in product terms while only 0.1 per cent was marketed by NFML. Of this, percentage-wise FFC handled 37.9, EFERT 25.6, Fatima Fertilizer Limited 20, Pak Arab 5.9, Fatima Fert 4.4, Agritech Limited 4.3, Pacific Exim 0.5, Suraj Fertilizers 0.1 and private importers 1.4 per cent, respectively (Table 33 and Figure 17).

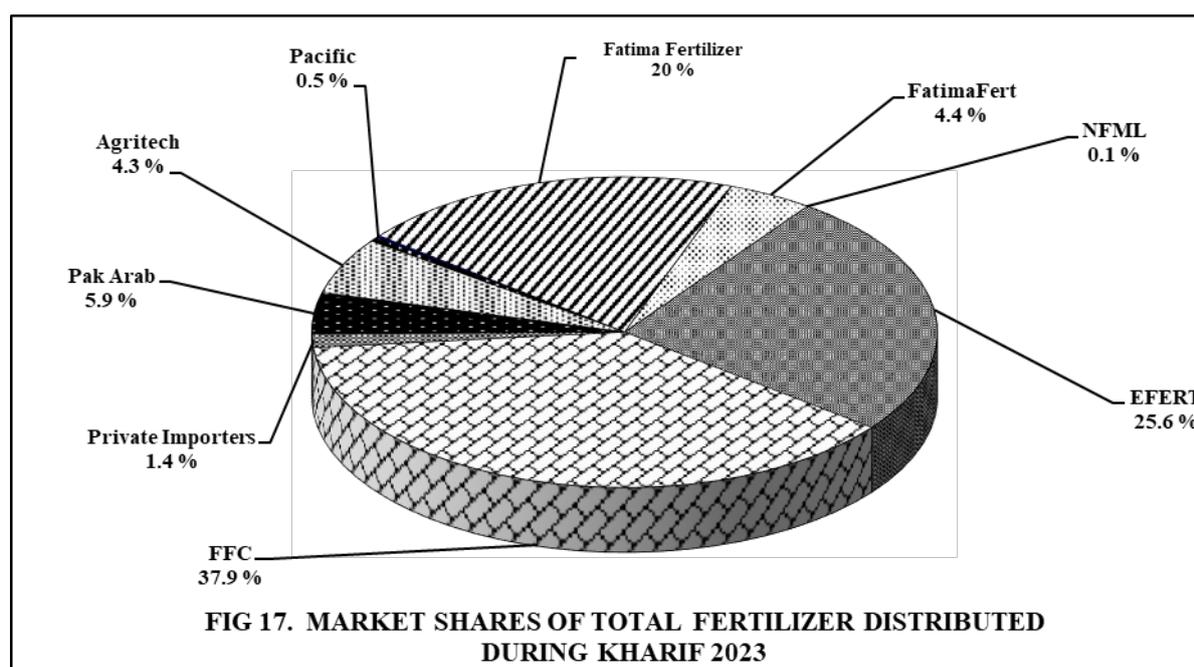


Table 33. Market shares of various fertilizer distribution agencies during Kharif 2023

SECTOR/AGENCIES	(Per cent)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	0.1	-	-	-	-	-	-	-	-	-	-	0.1
Total Public Sector	0.1	-	-	-	-	-	-	-	-	-	-	0.1
FFC	44	-	-	-	72	-	-	29	-	-	-	37.9
EFERT	35	-	5	-	16	100	-	12	37	3.2	2	25.6
Fatima Fert.	7	-	-	-	-	-	-	-	-	-	-	4.4
Pak Arab	1	30	23	-	-	-	-	-	-	-	-	5.9
Agri Tech (Pvt.) Limited	6	-	-	88	-	-	-	-	-	-	-	4.3
Fatima Fertilizer Company Limited	7	70	72	-	4	-	-	-	-	-	-	20
Suraj Fertilizers	-	-	-	12	-	-	-	-	-	-	-	0.1
Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Exim	-	-	-	-	2	-	-	37	2	-	2	0.5
Other Private Importers	-	-	-	-	7	-	-	23	61	96.8	96	1.4
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 2023-24

During Rabi 2023-24, a total quantity of 5,398 thousand tonnes of various products were handled by the fertilizer marketing agencies. Entire quantum of fertilizer was distributed by private sector agencies. Percentage-wise FFC handled 36.3, EFERT 27.8, Fatima Fertilizer Limited 21.9, Fatima Fert 4.9, Agritech Limited 4.7, Pacific 0.8, Suraj Fertilizer 0.1 and private importers/distributors 3.5 per cent (Table 34). Detailed agency-wise and product-wise offtake figures are presented in Annex 26 and graphically shown in **Figure 18**.

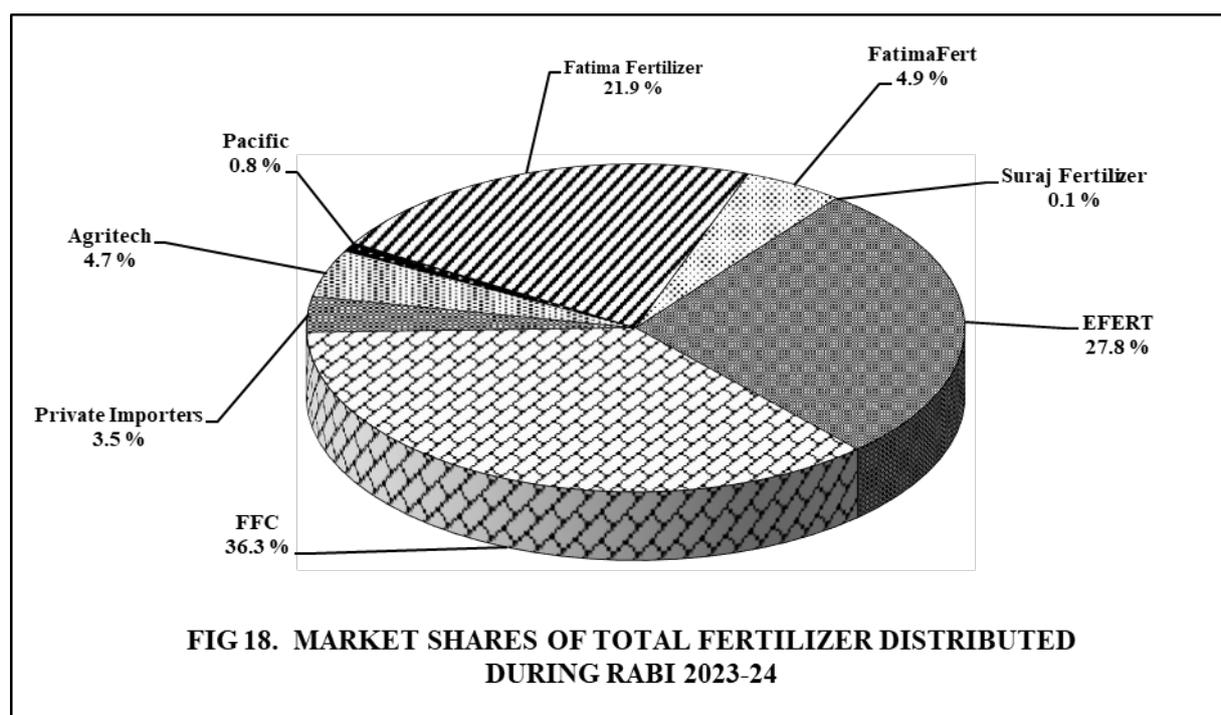


Table 34. Market shares of various fertilizer distribution agencies during Rabi 2023-24

SECTOR/AGENCIES	(Percent)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	-	-	-	-	-	-	-	-	-	-	-	-
Total Public Sector	-	-	-	-	-	-	-	-	-	-	-	-
FFC	42	-	-	-	52	-	-	35	-	-	-	36.3
EFERT	35	-	13	-	23	100	-	11	11	-	-	27.8
Fatima Fert.	7	-	-	-	-	-	-	-	-	-	-	4.9
Pak Arab	-	-	-	-	-	-	-	-	-	-	-	-
Agri Tech (Pvt.) Limited	6	-	-	90	-	-	-	-	-	-	-	4.7
Fatima Fertilizer Co Ltd	10	100	87	-	6	-	-	-	-	-	-	21.9
Suraj Fertilizers	-	-	-	10	-	-	-	-	-	-	-	0.1
Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Exim	-	-	-	-	3	-	-	38	3	-	4	0.8
Other Private Importers	-	-	-	-	16	-	-	16	86	100	96	3.5
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

12.5 Fertilizer Dealers Network

The data presented in Table 35 show that there are about 10,894 dealers, out of which 9,289 are appointed by the private sector, while public sector dealers are only 1,605.

Table 35. Fertilizer dealers network

Sector	Provinces				Total
	Punjab	Sindh	KP	Balochistan	
A. Public	1309	226	45	25	1,605
B. Private	6867	1691	492	239	9,289
Total	8,176	1,917	537	264	10,894

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 1,705 and 115 thousand product tonnes, respectively. This excludes some distributors, who have not supplied the requisite information. Total storage capacity is about 1,820 thousand product tonnes.

Table 36. Fertilizer warehouses capacity

Sector	000 tons	Per cent Share
A. Public	115	6
B. Private	1,705	94
Total	1,820	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 & Adaptive Research) Punjab**Promotional Programmes/Activities**

- i. Balanced use of fertilizers was promoted for all field crops through farmer days, seminars and electronic / social media.
- ii. Punjab Kissan Card has been introduced for registered farmers to provide fertilizers through designated dealers under the interest free loan scheme.
- iii. Subsidy on Zinc Sulphate was granted for rice crop under the National Agriculture Emergency Programme for better yields.
- iv. Wheat sowing drills with fertilizer attachment were provided to farmers in order to ensure enhanced fertilizer efficiency by proper fertilizer placement during seed bed preparation.

13.2. Soil Chemistry Section, Institute of Soil Chemistry and Environmental Science, Ayub Agriculture Research Institute, Faisalabad**Research Work / Activities during 2023-24**

- A comparative study of commercially available amino acids on growth and yield of rice/wheat crop under alkaline calcareous soils.
- Climatic smart agricultural practices to enhance nutrients use efficiency and increase productivity of rice/wheat crop in alkaline calcareous soils of Pakistan.

- Deciphering effect of Salicylic acid on grain yield of wheat under limited irrigation regimes.
- Impact of spent activated carbon (SAC) on soil properties and wheat yield under calcareous soil conditions.
- Perspectives of using DAP coated with Boron to improve yield and quality of maize/wheat.
- Study of nitrate leaching from plain urea and boron coated urea (BCU) irrigated in lysimeter under maize crop.
- Impact of spent activated carbon (SAC) on soil properties and maize yield under calcareous soil conditions.
- Integrated nutrient management for healthy food and safe environment.
- Role of microbial consortium for decomposition of crop residues.
- Assessment of slow released N fertilizers available in Punjab on grain yield and nitrogen use efficiency of maize/wheat.
- 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.
- Micronutrients status of fruits grown in Punjab.
- Phosphorus mobility in maize/wheat cultivated soil after band placement of phosphorus fertilizer.
- Nutrients removal by crops.
- Effect of residues management techniques on P-fractionation.
- Prospective use of organic and inorganic phosphorus amendments on PUE and yield of maize/wheat.
- Perspectives of using urea coated with boron to improve yield and quality of sunflower and canola crop.
- Influence of silicon fertilization on yield and nutritional quality of rice-wheat under water deficit condition.
- Comparison of different integrated techniques of iron application to improve yield and iron content of maize/wheat grain.
- Enhancing nitrogen use efficiency by using novel forms of urea fertilizer.
- To study the nutrient use efficiency under burnt and retained crop residues in rice/wheat cropping system.
- Long-term effect of fertilizer use on soil properties.

- Perspectives of using organic and inorganic fertilizers on pH and buffering capacity of alkaline calcareous soil.
- Integrated effect of zinc solubilizing bacteria (ZSB) and zinc sulphate on growth and yield of rice.
- Effect of organic amendments to improve soil health, crop growth, yield and nutrient use efficiency under wheat crop.

Soil Chemistry Laboratory Analysis work

3,105 determinations were carried out from 1,737 soil samples.

13.3 Directorate of Soil Fertility Research Institute, Tandojam

Research Work / Activities during 2023-24

- Foliar spray of salicylic acid with and without soaking of seed to improve wheat yield and control rust diseases.
- To improve the enzyme activity, nutrient uptake and yield of wheat crop through humic acid and sulphur application.
- Comparative evaluation of zinc applications on wheat performance and zinc content.
- Comparative response of zinc containing compounds as seed soaking (bio-fortification for enhance yield and zinc content in wheat crop).
- Fertilizer recommendations for upcoming wheat genotypes.
- Sulphur recommendations of existing genotypes of mustard crop.
- The impact of copper foliar application on wheat crop.
- Introducing quinoa as alternative of wheat crop.
- The impact of various fertilization methods on the availability of nutrients to wheat crop particularly grown on ridges technology.
- Sustainable wheat cultivation without chemical fertilizer application on permanent raised beds (long term).
- Promoting green harvesting cutting method in wheat.
- Enhancing the yield of wheat through foliar combined micronutrient application.
- Improving soil fertility status of silty clay loam soils through mix green manuring and increasing organic matter upto 2% (long term).
- Multi biotic cultivation practices (long term).
- Integrated nutrient management (INM) for growth and production of olive under eco-climatic zone of Tandojam.
- Improving soil fertility status of silty clay loam soils through mix green manuring (fodders + pulses + oilseeds + allelopathic) (long term).

- Multibiotic mix cropping with sunflower and maize
- Green gram cultivation under minimum tillage operation
- Green manuring with jantar
- Sustainable cotton cultivation without chemical fertilizer application (long term).
- Improving physiological traits and reducing pest infestation with application of nitrogen and salicylic acid spray at different growth stages of cotton after wheat crop (long term).
- To enhance growth, enzyme activity, nutrient uptake and yield of cotton after wheat crop through sulphur application (long term).
- Impact of nanotechnology on growth and yield of cotton crop.
- Assessment of sources and rates of K application for obtaining maximum cotton yield on calcareous soil under field condition.
- Fertilizer recommendations for upcoming cotton, sunflower, sesame and soybean genotypes.
- Effects of boron application on different growth stages of cotton under 4R strategy (stewardship concept).
- Assessment of nutrient uptake capacity of 3 gene, BT and other commercial varieties of cotton grown in Sindh.

13.4 Fauji Fertilizer Company Limited

Number of soil samples analysed = 14,467

Promotional Programmes /Activities

- Electronic, digital, and outdoor media was utilized to promote the company's brand and corporate image.
- Full, half, and quarter-page ads in national and regional newspapers, agricultural magazines and other publications were placed for promotion of brand image of company.
- Radio was used to promote the Sona brand with regional language spots broadcasted for FFC/FFBL products.
- Crop documentaries on sugarcane, rice, cotton and wheat were broadcasted on PTV Home.
- Sales promotion items such as wall calendars, table calendars, room coolers and water dispensers were developed for dealers and GR/PR purposes.
- Point of purchase materials including product boards, logo foam boards and buntings were developed.

13.5 Fatima Fertilizer Company Limited

Farmer advisory services

Activity	Number of activity
Sarsabz Kissan Conventions/Mega Seminars	16
High profile farmer meeting	86
Farmer meeting	933
Farm advisory visits	24486
Group discussions with farmers	1676
Soil/ irrigation water sampling	21081
Field days	207
Field demonstration	211
Collaborative research trails	22
Agriculture staff training	112
Sugar mill/ Rice/ Ginning staff training	90
High profile farmer testimonial	1163
Sarsabz call center for farmer advisory	25,023

Promotional Programmes /Activities

- The Soil & Water Testing Lab at PFL site Multan became the first private sector lab accredited for soil and water parameters by Pakistan National Accreditation Council in collaboration with a US-based proficiency testing agency.
- Technical experts distributed crop-specific production technology booklets and educated farmers on best management practices, including IPNI's 4R nutrient stewardship guidelines.
- The "Sarsabz Pakistan" farmer app, providing ICT-based farming solutions, saw 278K downloads and is becoming a leading app in agriculture.
- National Farmer Day "Sarsabz Salam Kissan" was celebrated by Fatima Fertilizers and the Agro- allied Industry across Pakistan on 18th December, 2023.
- Fatima Fertilizers in collaboration with provincial governments organized 14 "Sarsabz Kissan Mega Seminars" in major cropping zones during 2023-24.
- The "Sarsabz Kahani" initiative highlighting the story of international cricketer Shah Nawaz Dahani was released in order to motivate rural youth for their contribution in agriculture and national food security.

13.6 Agritech Limited

Agritech Limited carried out following promotional programmes / activities

Farm Visits	48
Group discussions / product briefing	12
Agriculture exhibition at wheat sowing	3
Farmer Meetings/Seminars	20
Demonstrations	4

14. FERTILIZER DEMAND FORECAST: OUTLOOK FOR 2024-25

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

Economic recession due to low wheat price and reduction in cotton acreage in Punjab (20%) and Sindh (12 %) is adversely affecting fertilizer offtake. Consequently, fertilizer demand during 2024-25 is projected to decrease by 4 per cent in nutrient terms. In product terms, offtake of urea is estimated to decrease by 4.3 per cent. However, DAP offtake is expected to increase by 5.8 per cent mainly due to disbursement of interest free loan to small farmers by the Punjab Government through Kissan Card for purchase of Agri. inputs (seed and fertilizer). The projections up to March 2025 are presented in Annex - 27. The supply / demand projections for next four years are given in Annex-27 (A).

Table. 37 Fertilizer Demand Estimates upto 2024-25

(000 tonnes)						
Year	Nitrogen	Phosphate	Potash	Total Nutrients	Urea	DAP
2022-23	3,604	734	29	4366	6,470	1,141
2023-24	3,775	996	45	4816	6,579	1,615
Growth Percent	4.8	35.7	56.7	10.3	1.7	41.6
2024-25 (Estimate)	3,587	990	48	4,625	6,299	1,709
Growth Percent	-5.0	-0.6	6.5	-4.0	-4.3	5.8

15. ECONOMICS OF FERTILIZER USE: FERTILIZER AND COMMODITY PRICES

Wheat is a staple food of the country and it was sown at 9.7 million hectares showing an increase of 7.8 percent over last year. During the year 2023-24 wheat production was 31.8 million tonnes which shows an increase of 13 per cent over the last year's 2022-23. Indicative / intervention prices of sugarcane and cotton were enhanced to mitigate the inputs cost by the government during 2023-24 while support price for wheat remained at previous

year level. However, Punjab Food Department did not procure wheat whereas, PASSCO and Sindh Food Department purchased 1.785 and 0.894 million tonnes, respectively during 2023-24. Market price of sugarcane increased by Rs. 97 per 40 kg while market price of wheat and seed cotton decreased by Rs. 761 and 421 per 40 kg during 2023-24 compared with 2022-23. Average price of urea during Kharif 2023 increased by Rs. 1,045 while that of DAP decreased by Rs. 769 per 50 kg bag over Kharif 2022. During Rabi 2023-24, an increase of Rs. 1,690 and Rs. 2,137 per 50 kg bag in the average price of Urea and DAP has been observed over Rabi 2022-23. Agriculture commodity and fertilizer prices are given in Table 38.

Table 38: Commodity and Fertilizer Prices during 2022-23 and 2023-24

Product / Commodity	Price	2022-23		2023-24	
		Support Price	Market Price	Support Price	Market Price
A. Wheat	Rs. Per 40kg	3900	4130	3900	3369
	Rs. Per Kg	97.5	103.3	97.5	84.2
B. Paddy	IRRI (Rs. Per 40kg)	-	2755	-	2726
	IRRI (Rs. Per kg)	-	68.9	-	68.2
	Basmati (Rs. Per 40kg)	-	4472	-	4675
	Basmati (Rs. Per kg)	-	111.8	-	116.9
C. Sugarcane	Rs. Per 40kg	238	311	408	408
	Rs. Per kg	6.0	7.8	10.2	10.2
D. Seed Cotton (Phutti)	Rs. Per 40kg	5,000	8155	8,500	7734
	Rs. Per kg	125	204	213	193
E. Fertilizer	<u>Urea Rs/bag (50kg)</u>				
	Kharif	2220	2220	3265	3265
	Rabi	2614	2614	4304	4304
	<u>DAP Rs/bag (50kg)</u>				
	Kharif	11128	11128	10359	10359
	Rabi	10599	10599	12736	12736
	<u>Nitrogen (N) Rs/kg from Urea</u>				
	Kharif	97	97	142	142
	Rabi	114	114	187	187
	<u>Phosphate (P) Rs/kg from DAP</u>				
Kharif	446	446	395	395	
Rabi	416	416	481	481	

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.

* Anticipated price

Urea (nitrogen) fertilizer remained costlier for wheat (at both market and support price), rice, sugarcane and seed cotton (at market price) during 2023-24 compared with the previous year (Table-39). Similarly, it was observed that DAP (phosphate) fertilizer remained costlier for wheat while cheaper for other three crops during fiscal year 2023-24 compared to fiscal year 2022-23. The relevant data is presented in Table-39.

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

Crop	2022-23		2023-24		Per cent change in 2023- 24 over last year	
	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	1.17	1.10	1.92	2.22	64.6	101.9
Kg required to buy 1 kg of P ₂ O ₅ from DAP	4.27	4.03	4.93	5.71	15.4	41.5
<u>B. Paddy</u>						
Kg required to buy 1 kg of N from Urea						
IRRI	-	1.40	-	2.08	-	48.6
Basmati	-	0.86	-	1.21	-	40.7
Kg required to buy 1 kg of P ₂ O ₅ from DAP						
IRRI	-	6.48	-	5.79	-	-10.5
Basmati	-	3.99	-	3.38	-	-15.3
<u>C. Sugarcane</u>						
Kg required to buy 1 kg of N from Urea	16.2	12.4	13.9	13.9	-14.3	11.8
Kg required to buy 1 kg of P ₂ O ₅ from DAP	75.0	57.5	38.7	38.7	-48.3	-32.7
<u>D. Seed Cotton</u>						
Kg required to buy 1 kg of N from Urea	0.77	0.47	0.67	0.73	-13.5	55.1
Kg required to buy 1 kg of P ₂ O ₅ from DAP	3.57	2.19	1.86	2.04	-47.9	-6.7

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 2023-24

16.1 Natural gas Consumption

Fertilizer sector is the third 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 2023-24 was 274,449 MMCF. Out of this 83.5 per cent was used as feed stock and 16.5 per cent as fuel. The plant-wise gas consumption data of 2023-24 are given in Table 40 and detailed month-wise figures are in Annex-28.

Table 40. Gas consumption by fertilizer plants during 2023-24

			(MMCF)
Fertilizer Company	Feed	Fuel	Total
Sui Northern Gas Pipelines Ltd.			
Pak-Arab	-	20	20
Fatimafert	4,642	937	5,579
Agritech	3,014	754	3,768
Hazara Phosphate	-	44	44
EFERT	32,724	2,854	35,578
Oil and Gas Development Company Limited			
EFERT	-	2,570	2,570
Liquefied Natural Gas (LNG)			
Agritech	5,797	1,432	7,229
Fatimafert	8,795	1,726	10,521
Sui Southern Gas Company Ltd.			
FFBL	15,585	184	15,769
Mari Gas Company Ltd.			
EFERT	28,690	10,433	39,123
FFC I & II	52,478	11,491	63,969
FFC III	28,056	4,488	32,545
Fatima Fertilizer	34,016	4,797	38,813
Pak- Arab	15,438	3,484	18,922
Total	229,236	45,213	274,449

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 2023-24 was Rs. 121.20 billion which was Rs. 13.2 billion more as compared with previous year (Table 42).

Table 41. Gas price for fertilizer production

Effect date	01-09-2020	01-01-2023	01-10-2023	01-11-2023	01-02-2024
(Rs/MMBTU)					
<u>SNGPL'S SYSTEM</u>					
(i) For Feed Stock					
Agritech	302	510	510	580	1597
Fatimafert/ Pak Arab	302	510	510	580	1597
EFERT	0.70 \$	0.70 \$	0.70 \$	0.70 \$	1597
Hazara Phosphate Fertilizer					
	302	510	510	580	1597
(ii) For Fuel Generation					
DHCL/Pak Arab/Hazara Phosphate					
	1023	1500	1500	1580	1597
<u>SSGCL'S SYSTEM</u>					
(i) For Feed Stock					
FFBL	302	510	510	580	1597
(ii) For Fuel Generation					
FFBL	1023	1500	1500	1580	1597
<u>MARI GAS CO. SYSTEM</u>					
(i) For Feed Stock					
EFERT	302	302	580	580	580
FFC	302	302	580	580	580
Fatima Fertilizer	0.70 \$	302	580	580	580
(ii) For Fuel Generation (Power)					
	1023	1023	1580	1580	1580

Source: Oil and Gas Regulatory Authority

Table 42. Implicit subsidy on feed gas for fertilizer production during 2022-23 and 2023-24 (Estimated)

Manufacturer	2022-23	2023-24	Per cent Change
Sui Northern Gas Pipelines Ltd.			
Pak-Arab	-	-	-
Fatimafert	-	-	-
Agritech	-	-	-
EFERT	35.50	32.70	-8
Oil and Gas Development Company Limited			
EFERT	-	-	-
Sui Southern Gas Company Ltd.			
FFBL	12.83	8.64	-32.7
Mari Gas Company Ltd.			
EFERT	-	-	-
FFC	41.71	56.15	34.6
Fatima Fertilizer	17.96	23.71	32.0
Pak Arab	-	-	-
Total	108.00	121.20	12.2

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 of agricultural inputs. State Bank of Pakistan is the main governing body in the country, which ensures the availability of agricultural credit to farmers. Zari Taraqati Bank Limited (ZTBL), Commercial banks, Cooperatives and domestic private banks are providing credit facility to the farmers for meeting their credit needs.

Institution-wise agricultural credit disbursement during 2022-23 and 2023-24 is presented in Table 43. Agricultural loans of Rs. 2,215.7 billion were disbursed during 2023-24 as against Rs. 1,776 billion during the last year (2022-23), there by registering an increase of 24.8 per cent. The share of commercial banks and ZTBL was 54.2 and 3.6 per cent, whereas the share of private Banks was 23.4 per cent. Shares of Micro Finance Banks, Islamic Banks and Rural Support Programmes were 9.8, 7.4 and 1.2 per cent, respectively.

It may be observed that out of the total disbursement during 2023-24, 90.6 per cent was for production loan and 9.4 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. 803.2 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 98.5 per cent.

Table 43. Institution-wise Agriculture Credit Disbursements during 2023-24

(Rs in Million)

Name of Bank/MFIs	Disbursement during 2022-23	Per cent Share	Disbursement during (July 2023- June 24)		Total	Per cent Share	Target for 2023-24	Target Achieved during July- June (2023-24) (%)
			Production	Development				
Commercial Bank								
Allied Bank Limited	103,353	5.8	117,950	12,511	130,461	5.9	122,000	106.9
Habib Bank Limited	295,448	16.6	322,920	16,056	338,976	15.3	320,000	105.9
MCB Bank Limited	155,484	8.8	173,963	1,241	175,204	7.9	175,000	100.1
National Bank of Pakistan	278,341	15.7	354,641	13,393	368,033	16.6	360,000	102.2
United Bank Limited	145,566	8.2	179,001	9,193	188,194	8.5	170,000	110.7
Total Commercial Banks	978,192	55.1	1,148,475	52,393	1,200,868	54.2	1,147,000	104.7
Z.T.B.L	75,424	4.2	39,563	39,851	79,414	3.6	115,000	69.1
P.P.C.B.L	8,513	0.5	5,777	3,472	9,249	0.4	15,000	61.7
Total Domestic Pvt Banks	366,741	20.7	440,599	77,535	518,134	23.4	488,200	106.1
Total Islamic Banks	101,275	5.7	130,575	33,616	164,191	7.4	167,000	98.3
Total Micro Finance Banks	216,380	12.2	215,801	538,349	216,339	9.8	280,600	77.1
Total MFIs/RSPs	29430	1.7	27,510	0	27,510	1.2	37,200	74.0
Grand Total (All Banks)	1,775,955	100	2,008,301	207,405	2,215,706	100	2,250,000	98.5

*Note: Indicative targets for FY25 are under process.

18. GLOBAL AGRICULTURE AND FERTILIZER SITUATION

18.1 World cereal overview

According to Food and Agriculture Organization (FAO) of the United States Nations, world cereal production was 2,847.4 million tonnes during 2023-24 compared to 2,812.4 million tonnes the last year. For 2024-25, wheat production is forecasted to decrease by -0.1 per cent while the coarse grain is expected to decrease by -0.3 per cent. The increase in rice harvest is estimated by 0.9 per cent (Table-44).

According to FOA's first forecast for the year 2024-25, Global cereal production will remain at par with record outturn in 2023-24. World cereal output is forecast at 2,846.3 million tonnes depicting overall comfortable global supply and demand situation.

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

(Million tonnes)				
Particulars	2022-23 (Actual)	2023-24 (Estimates)	2024-25 (Forecast)	Percent change over 2023-24
Production	2812.4	2847.4	2846.3	0.0
Wheat	806.0	787.7	786.7	-0.1
Coarse grains	1480.8	1529.6	1524.6	-0.3
Rice (milled)	525.6	530.1	534.9	0.9
Utilization	2792.4	2835.9	2851.0	0.5
Trade	479.3	487.4	481.3	-1.3
Stocks	872.0	884.0	897.2	1.5
Stock to use ratio (%)	30.7	31.0	30.9	-

Source: FAO Crop prospects and food situation report, July 2024.

World cereal utilization is tentatively forecast to expand by 0.5 per cent (15.1 million tonnes) to reach new record high of 2,851 million tonnes during 2024-25. World trade in cereals is predicted to decline by 1.3 per cent in 2024-25 due to decline in wheat trade. World cereal inventories (stocks) by the end of 2024-25 will likely to reach 897.2 million tonnes, an increase of 1.5 per cent (13.2 million tonnes) from their opening level.

The global cereal stocks-to-use ratio in 2024-25 is expected around 30.9 per cent which indicates comfortable supply prospect in the new season.

18.2 World fertilizer consumption

Global fertilizer demand is forecast to increase by 4.4 per cent in 2023-24 and by 3 per cent in 2024-25. Consumption is forecast to reach 203.7 Mt nutrients in 2024-25 which is slightly above the previous year level. This recovery can be primarily explained by improved

affordability on the back of falling fertilizer prices since their peak in May 2022. Fertilizer affordability improved considerably for grains (excluding rice) and oil crops in 2023. In first quarter of 2024, the affordability of N and P₂O₅ fertilizers for grain production was poorer but affordability of K₂O remained better, particularly for oil crops.

South Asia region reduced its fertilizer consumption between 2020-21 and 2023-24, driven by India which accounts for 80% of regional fertilizer use. The reduction was predominantly due to lower K₂O consumption. Since 2022, the Indian government increased its support for P₂O₅ fertilizers through Nutrient Based Subsidies. It also continued to subsidize urea at a fixed Maximum Retail Price, well below international levels. As a result, consumption of both N and P₂O₅ is expected to increase but K₂O consumption is expected to remain lower in India during 2024-25.

Table 45. World Fertilizer Consumption by Nutrients

(million tonnes)				
Year	Nitrogen	Phosphate	Potash	Total
2021-22 (Actual)	109.6	47.9	38.5	195.9
2022-23 (Estimate)	110.1	44.8	34.6	189.5
2023-24 (forecast)	113.4	46.5	37.9	197.8
Percent change over 2022-23	3.0	3.8	9.5	4.4
2024-25 (forecast)	115.6	48.0	40.0	203.7
Percent change over 2023-24	1.9	3.2	5.5	3.0

Source: IFA Medium Term Fertilizer Outlook 2024-28, July, 2024.

19. POLICY ISSUES

- There is inequality in price of feedstock gas for fertilizer plants receiving gas from different distribution companies although the price of finished product is more or less the same. Plants receiving gas from MPCL are still enjoying concessional price of feedstock gas (Rs. 580 per MMBTU). Full benefit of cheap gas is not being passed on to farming community.
- Imposition of 5% GST and 3% VAT on DAP imports during 2023-24 has disturbed the level playing field for private importers as compared to local manufacturer which has resulted in higher DAP prices and its less use.
- Fertilizer use efficiency is low as soils are more deficient in organic matter as compared to 50 years ago because of lack of mechanization on about 60 per cent cultivated area. Hence, deteriorated soil health is hindering to get full impact of

agricultural inputs (including fertilizers) in terms of better yields. Provincial agriculture departments will have to address this issue through ensuring crop production technologies specific to small farmers, farm level composting, integrated nutrient management, interest free loan to small farmers etc.

- Now there is need to have a new fertilizer policy keeping in view the future needs of the crops, depleting reserves of natural resources / raw materials globally and greenhouse gas emissions in the field. Incentives to fertilizer industry should be linked to production of efficient fertilizer products.

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING 2022-23 AND 2023-24

(2022-23)

		(Tonnes)												
PRODUCT	MANUFAC.	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	37,629	62,149	71,306	77,799	75,087	77,231	75,230	67,343	61,782	73,554	67,248	74,603	820,961
UREA (P.)	FFC	107,863	114,813	137,863	94,326	133,462	138,320	147,781	133,355	147,872	142,327	146,356	140,067	1,584,405
UREA (G.)	FFBL	47,895	49,596	26,980	40,989	41,696	54,079	4,370	29,313	55,629	42,970	28,947	21,225	443,689
UREA	FATIMAFERT (DHCL)	42,347	42,610	40,377	44,272	39,288	44,813	2,160	-	-	38,264	46,337	36,649	377,117
UREA	Fatima Fertilizer Limited	44,244	45,011	44,106	41,507	39,915	43,163	42,137	39,466	43,570	43,587	25,907	40,977	493,590
UREA	PAK-ARAB	10,321	9,821	10,489	10,894	8,650	8,820	2,930	-	1,244	7,392	7,584	8,951	87,096
UREA	EFERT	94,442	187,232	167,876	125,350	81,389	179,924	202,914	185,299	187,669	199,278	137,266	202,156	1,950,795
UREA	Agritech (PAFL)	27,286	29,615	31,964	32,889	27,483	30,005	1,753	-	4,276	32,774	33,174	23,827	275,046
UREA	TOTAL	412,027	540,847	530,961	468,026	446,970	576,355	479,275	454,776	502,042	580,146	492,819	548,455	6,032,699
NP	EFERT	-	4,420	6,239	9,040	10,450	-	-	-	6,050	4,300	9,300	1,650	51,449
NP	PAK-ARAB	32,725.0	32,767	32,753	32,112	31,054	35,358	24,451	-	7,271	32,652	32,861	30,716	324,720
NP	Fatima Fertilizer Limited	39,978	33,704	38,373	43,815	37,697	40,076	37,903	30,186	28,995	29,166	20,236	35,930	416,059
NP	TOTAL	72,703	70,891	77,365	84,967	79,201	75,434	62,354	30,186	42,316	66,118	62,397	68,296	792,228
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agritech (HPFL)	3,427	4,152	5,084	6,546	6,563	7,027	3,959	3,124	8,504	6,224	7,208	8309	70,127
SSP	Suraj Fertilizer	1,743	-	-	3,250	1,095	-	-	-	-	-	-	-	6,088
SSP	Safi Group	40	30	20	30	-	-	-	-	-	-	-	-	120
SSP	TOTAL	5,210	4,182	5,104	9,826	7,658	7,027	3,959	3,124	8,504	6,224	7,208	8,309	76,335
CAN	PAK-ARAB	31,932	34,319	31,904	32,014	29,394	28,882	22,769	-	11,072	32,827	34,997	31,834	321,944
CAN	Fatima Fertilizer Limited	42,398	41,601	37,181	42,976	42,488	44,570	41,388	40,419	45,596	41,050	37,369	40,960	497,996
CAN	Total	74,330	75,920	69,085	74,990	71,882	73,452	64,157	40,419	56,668	73,877	72,366	72,794	819,940
DAP	FFC-SONA	75,800	77,174	71,597	76,672	66,637	31,220	-	14,347	37,530	59,138	74,282	50,929	635,326
SOP	Pacific	-	3,207	1,447	1,247	30	-	205	794	912	1,255	1,551	1577	12,225
NPKs	EFERT	12,022	4,458	2,900	4,550	-	-	2,900	-	4,263	5,486	3,550	-	40,129
NPKs	Safi Group	-	-	-	-	-	-	-	-	-	-	-	-	-
	GRAND TOTAL	652,092	776,679	758,459	720,278	672,378	763,488	612,850	543,646	652,235	792,244	714,173	750,360	8,408,882
NUTRIENTS	NITROGEN	239,947	299,394	293,176	268,588	254,506	307,190	251,721	229,231	262,673	312,089	272,965	295,408	3,286,887
	PHOSPHATE	52,553	53,226	52,314	57,627	50,248	32,976	15,576	14,105	29,167	42,370	48,763	38,582	487,507
	POTASH	1,955	2,272	1,246	1,442	15	-	537	397	1,308	1,450	1,415	789	12,826
	TOTAL	294,455	354,893	346,735	327,657	304,769	340,166	267,834	243,733	293,148	355,909	323,143	334,779	3,787,220

Continued....

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING 2022-23 AND 2023-24

(2023-24)

(Tonnes)

PRODUCT	MANUFAC.	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	75,231	74,740	71,859	22,044	74,088	73,488	76,504	68,398	74,507	69,826	73,657	70,834	825,176
UREA (P.)	FFC	143,224	144,044	138,888	145,472	140,315	140,046	148,596	138,688	147,331	140,740	143,435	126,384	1,697,163
UREA (G.)	FFBL	37,038	11,523	21,964	32,902	30,851	19,128	31,837	20,861	17,854	47,750	56,514	55,003	383,225
UREA	FATIMAFERT (DHCL)	45,944	45,631	43,575	45,462	44,589	47,204	49,241	46,074	47,546	43,115	22,494	44,235	525,110
UREA	Fatima Fertilizer Limited	44,407	43,058	43,347	46,440	45,079	49,285	39,647	42,805	43,667	37,615	43,722	43,833	522,905
UREA	PAK-ARAB	8,484	5,312	9,633	8,694	5,964	9,706	9,860	9,242	9,822	7,212	9,780	5,835	99,544
UREA	EFERT	201,870	205,903	192,532	203,837	201,172	192,800	212,094	191,121	201,751	161,000	80,458	119,449	2,163,987
UREA	Agritech (PAFL)	33,175	33,189	32,426	32,402	32,012	33,247	32,256	32,474	32,808	16,293	32,555	31,532	374,369
UREA	TOTAL	589,373	563,400	554,224	537,253	574,070	564,904	600,035	549,663	575,286	523,551	462,615	497,105	6,591,479
NP	EFERT	-	8,000	10,008	9,600	9,100	16,530	6,060	5,100	6,685	10,502	14,005	12,648	108,238
NP	PAK-ARAB	31,573	30,301	31,098	33,125	31,076	34,324	33,440	31,590	34,324	31,488	33,436	35,317	391,092
NP	Fatima Fertilizer Limited	32,564	33,683	31,786	34,001	35,828	32,675	44,851	34,330	43,915	37,658	41,723	28,981	431,995
NP	TOTAL	64,137	71,984	72,892	76,726	76,004	83,529	84,351	71,020	84,924	79,648	89,164	76,946	931,325
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agritech (HPFL)	5,455	4,137	6,080	7,411	5,970	10,769	4,169	6,905	7,606	7,100	6,620	6,724	78,946
SSP	Suraj Fertilizer	-	-	-	4,008	3,255	153	-	-	-	-	-	-	7,416
SSP	Safi Group	-	-	20	-	-	-	-	-	-	-	-	50	70
SSP	TOTAL	5,455	4,137	6,100	11,419	9,225	10,922	4,169	6,905	7,606	7,100	6,620	6,774	86,432
CAN	PAK-ARAB	30,001	34,080	32,683	37,333	34,894	36,274	30,025	33,651	36,274	33,027	33,034	31,084	402,360
CAN	Fatima Fertilizer Limited	42,264	41,082	41,074	42,439	42,436	40,105	42,885	33,508	43,051	41,295	43,376	32,127	485,642
CAN	TOTAL	72,265	75,162	73,757	79,772	77,330	76,379	72,910	67,159	79,325	74,322	76,410	63,211	888,002
DAP	FFC-SONA	72,605	68,482	66,870	72,149	70,897	72,775	29,183	72,398	75,725	65,807	78,800	69,989	815,680
SOP	Pacific	1,540	1,163	1,588	1,725	1,666	1,519	1,689	1,476	1,657	1,499	1,094	977	17,593
SOP	Agven	-	-	-	-	-	-	535	-	618	932	1,026	863	3,974
SOP	TOTAL	1,540	1,163	1,588	1,725	1,666	1,519	2,224	1,476	2,275	2,431	2,120	1,840	21,567
NPKs	EFERT	-	-	2,530	2,570	-	-	5,185	7,309	5,908	2,100	-	1,572	27,174
NPKs	Safi Group	-	-	-	-	-	-	-	-	-	-	-	-	-
	GRAND TOTAL	805,375	784,328	777,961	781,614	809,192	810,028	798,057	775,930	831,049	754,959	715,729	717,437	9,361,658
NUTRIENTS	NITROGEN	317,080	307,589	303,175	298,768	314,420	312,026	320,249	300,402	319,062	289,840	266,470	274,755	3,623,834
	PHOSPHATE	47,208	48,803	49,205	53,482	51,754	54,654	34,353	52,284	56,886	47,794	55,272	49,165	600,859
	POTASH	770	581	1,250	1,325	833	759	2,149	2,030	2,253	1,530	1,060	1,203	15,744
	TOTAL	365,057	356,973	353,629	353,575	367,008	367,439	356,751	354,715	378,200	339,164	322,802	325,123	4,240,437

FERTILIZER IMPORTS DURING 2022-23 AND 2023-24

(2022-23)

Months	UREA	DAP	NP	SOP	MOP	AS	TSP	MAP	TOTAL PRODUCTS	(Tonnes)			TOTAL NUTRIENTS
										NITROGEN	PHOSPHATE	POTASH	
July	-	32,593	-	1,898	-	908	-	-	35,399	6,057	14,993	949	21,999
August	-	407	-	573	-	49	-	-	1,029	84	187	287	557
Sep	102,614	25,346	-	2,798	-	-	-	-	130,758	51,765	11,659	1,399	64,823
Oct	102,157	27,500	-	8,990	-	960	-	300	139,907	52,174	12,800	4,495	69,469
Nov	-	239,053	-	-	-	1,061	-	-	240,114	43,252	109,964	-	153,217
Dec	194,800	20	-	450	-	-	-	-	195,270	89,612	9	225	89,846
Jan	-	7,615	-	2	-	500	-	-	8,117	1,476	3,503	1	4,980
Feb	-	-	-	-	-	1,012	-	-	1,012	213	-	-	213
Mar	-	27,600	-	-	-	2,040	300	-	29,940	5,396	12,834	-	18,230
April	-	-	-	661	576	3,045	-	-	4,282	639	-	676	1,316
May	-	34,103	-	-	-	1,018	-	624	35,745	6,415	15,999	-	22,414
June	-	49,539	-	504	-	1,021	-	-	51,064	9,131	22,788	252	32,171
Total	399,571	443,776	-	15,876	576	11,614	300	924	872,637	266,214	204,737	8,284	479,234

Continued....

FERTILIZER IMPORTS DURING 2022-23 AND 2023-24

(2023-24)

Months	UREA	DAP	NP	SOP	MOP	AS	TSP	MAP	TOTAL PRODUCTS	(Tonnes)			
										NITROGEN	PHOSPHATE	POTASH	TOTAL NUTRIENTS
July	-	-	-	1,992	908	3,840	-	308	7,048	837	154	1,541	2,532
August	-	378	-	2,503	1,300	2,601	-	130	6,912	627	239	2,032	2,898
Sep	-	44,006	-	264	2,653	3,913	-	312	51,148	8,774	20,399	1,724	30,896
Oct	-	172,165	-	2,510	3,618	2,000	-	250	180,543	31,435	79,321	3,426	114,181
Nov	-	123,049	-	3,485	1,917	912	-	-	129,363	22,340	56,603	2,893	81,836
Dec	47,648	64,867	-	3,139	-	9,494	-	-	125,148	35,588	29,839	1,570	66,996
Jan	172,576	89,970	-	3,905	1,953	50,904	-	-	319,308	106,269	41,386	3,124	150,780
Feb	-	81,935	-	3,371	999	13,707	-	-	100,012	17,627	37,690	2,285	57,602
Mar	-	20,201	-	3,515	1,666	3,167	-	-	28,549	4,301	9,292	2,757	16,351
April	-	63,876	-	1,512	919	25,900	-	-	92,207	16,937	29,383	1,307	47,627
May	-	63,090	-	6,757	-	1,710	-	-	71,557	11,715	29,021	3,378	44,115
June	-	-	-	1,784	2,106	12,130	-	-	16,020	2,547	-	2,155	4,703
Total	220,224	723,537	-	34,737	18,039	130,278	-	1,000	1,127,814	258,998	333,327	28,192	620,516

ANNEX-3

**MONTH-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24
AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PAKISTAN							
TOTAL							
April	260,466	237,037	266,927	239,710	322,312	260,008	-19.3
May	306,111	458,186	173,000	386,443	302,106	311,733	3.2
June	426,452	420,502	701,966	411,414	482,682	459,566	-4.8
July	483,269	399,423	500,290	470,120	309,805	410,731	32.6
August	285,338	393,407	530,723	494,938	301,073	624,948	107.6
September	372,991	348,214	381,831	419,402	304,255	386,206	26.9
Total Kharif	2,134,627	2,256,769	2,554,737	2,422,027	2,022,232	2,453,192	21.3
		5.7	13.2	-5.2	-16.5	21.3	
October	594,134	269,119	387,175	562,970	280,010	351,131	25.4
November	428,728	475,424	535,524	473,112	483,074	543,692	12.5
December	480,457	797,260	597,552	407,705	589,858	434,472	-26.3
January	361,607	177,102	434,861	400,210	406,956	377,499	-7.2
February	238,024	320,074	309,693	333,618	359,446	396,794	10.4
March	254,126	226,652	292,877	332,294	300,505	435,571	44.9
Total Rabi	2,357,076	2,265,631	2,557,683	2,509,910	2,419,850	2,539,159	4.9
% change		-3.9	12.9	-1.9	-3.6	4.9	
April	237,037	266,927	239,710	322,312	260,008	243,719	-6.3
May	458,186	173,000	386,443	302,106	311,733	244,426	-21.6
June	420,502	701,966	411,414	482,682	459,566	366,877	-20.2
FY Total	4,614,399	4,548,568	5,008,094	5,001,469	4,366,290	4,816,067	10.3
		-1.4	10.1	-0.1	-12.7	10.3	
NITROGEN							
April	212,883	178,919	174,213	192,760	259,674	224,419	-13.6
May	264,057	340,029	134,366	292,992	238,895	261,756	9.6
June	330,931	337,156	601,283	364,996	398,933	357,390	-10.4
July	322,397	283,188	355,212	356,873	261,614	343,288	31.2
August	236,349	329,410	360,987	374,301	283,208	429,818	51.8
September	265,896	233,871	246,125	289,326	263,655	314,829	19.4
Total Kharif	1,632,513	1,702,573	1,872,185	1,871,247	1,705,980	1,931,500	13.2
% change		4.3	10.0	-0.1	-8.8	13.2	
October	329,996	123,424	255,555	355,984	234,679	260,951	11.2
November	291,069	269,619	343,930	338,927	350,991	380,043	8.3
December	380,953	684,828	481,659	332,306	482,319	352,431	-26.9
January	308,059	147,394	367,012	328,146	340,418	327,499	-3.8
February	205,012	258,959	242,797	286,546	283,160	312,487	10.4
March	211,841	174,101	206,724	278,144	260,271	365,679	40.5
Total Rabi	1,726,930	1,658,325	1,897,677	1,920,053	1,951,838	1,999,090	2.4
% change		-4.0	14.4	1.2	1.7	2.4	
April	178,919	174,213	192,760	259,674	224,419	188,286	-16.1
May	340,029	134,366	292,992	238,895	261,756	212,776	-18.7
June	337,156	601,283	364,996	398,933	357,390	287,311	-19.6
FY Total	3,407,676	3,414,656	3,710,748	3,838,056	3,603,881	3,775,398	4.8
% change		0.2	8.7	3.4	-6.1	4.8	

Continued....

**MONTH-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24
AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PHOSPHATE							
April	45,473	54,835	89,185	42,154	59,952	33,659	-43.9
May	39,691	116,228	35,975	90,088	60,490	48,229	-20.3
June	93,854	80,847	95,971	42,223	80,724	101,359	25.6
July	154,683	113,014	140,436	106,328	46,714	65,111	39.4
August	45,397	60,481	164,925	110,005	17,173	186,700	987.2
September	97,060	106,587	123,114	122,914	38,269	66,781	74.5
Total Kharif	476,158	531,992	649,606	513,712	303,322	501,838	65.4
% change		11.7	22.1	-20.9	-41.0	65.4	
October	257,695	140,724	123,474	196,907	43,721	87,009	99.0
November	133,972	201,869	186,716	126,599	131,502	160,832	22.3
December	95,224	107,721	112,071	70,294	107,113	79,294	-26.0
January	50,489	28,455	62,583	65,934	60,471	44,983	-25.6
February	29,231	54,853	60,990	42,879	69,814	78,442	12.4
March	37,681	48,885	79,298	49,514	35,626	65,708	84.4
Total Rabi	604,292	582,507	625,131	552,127	448,247	516,269	15.2
% change		-3.6	7.3	-11.7	-18.8	15.2	
April	54,835	89,185	42,154	59,952	33,659	53,792	59.8
May	116,228	35,975	90,088	60,490	48,229	28,957	-40.0
June	80,847	95,971	42,223	80,724	101,359	77,996	-23.1
FY Total	1,153,342	1,083,720	1,228,071	1,092,541	733,649	995,606	35.7
% change		-6.0	13.3	-11.0	-32.8	35.7	
POTASH							
April	2,109	3,283	3,529	4,797	2,686	1,931	-28.1
May	2,362	1,929	2,659	3,363	2,721	1,749	-35.7
June	1,667	2,498	4,712	4,195	3,024	816	-73.0
July	6,189	3,221	4,642	6,919	1,477	2,333	57.9
August	3,591	3,516	4,811	10,632	691	8,429	1119.5
September	10,035	7,755	12,593	7,161	2,331	4,596	97.1
Total Kharif	25,953	22,202	32,946	37,068	12,930	19,854	53.6
% change		-14.5	48.4	12.5	-65.1	53.6	
October	6,444	4,971	8,146	10,079	1,610	3,170	96.9
November	3,686	3,936	4,878	7,586	581	2,816	384.5
December	4,279	4,711	3,822	5,106	427	2,747	543.2
January	3,059	1,252	5,267	6,130	6,067	5,017	-17.3
February	3,780	6,263	5,906	4,193	6,472	5,865	-9.4
March	4,601	3,666	6,855	4,636	4,608	4,184	-9.2
Total Rabi	25,849	24,799	34,874	37,730	19,766	23,800	20.4
% change		-4.1	40.6	8.2	-47.6	20.4	
April	3,283	3,529	4,797	2,686	1,931	1,641	-15.0
May	1,929	2,659	3,363	2,721	1,749	2,693	54.0
June	2,498	4,712	4,195	3,024	816	1,571	92.4
FY Total	53,374	50,191	69,275	70,873	28,761	45,063	56.7
% change		-6.0	38.0	2.3	-59.4	56.7	

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PUNJAB							
TOTAL							
April	174,193	154,077	173,145	167,031	216,192	173,973	-19.5
May	194,552	302,238	111,825	276,896	204,050	224,526	10.0
June	297,716	287,842	456,057	292,132	324,088	325,252	0.4
July	342,392	284,365	336,880	324,216	216,522	283,321	30.9
August	202,549	270,660	376,221	339,401	213,608	424,814	98.9
September	239,152	257,809	280,440	291,493	217,566	267,146	22.8
Total Kharif	1,450,554	1,556,991	1,734,567	1,691,170	1,392,026	1,699,032	22.1
% change		7.3	11.4	-2.5	-17.7	22.1	
October	413,197	188,211	259,650	388,510	185,653	243,550	31.2
November	305,262	315,245	374,821	341,027	335,177	378,043	12.8
December	324,174	521,831	420,625	304,246	413,796	301,221	-27.2
January	255,152	120,678	307,151	290,967	278,879	258,011	-7.5
February	162,621	221,514	234,729	231,724	250,571	276,160	10.2
March	184,099	158,852	208,536	222,563	195,639	295,611	51.1
Total Rabi	1,644,505	1,526,331	1,805,513	1,779,037	1,659,715	1,752,596	5.6
% change	413,197	-7.2	18.3	-1.5	-6.7	5.6	
April	154,077	173,145	167,031	216,192	173,973	159,791	-8.2
May	302,238	111,825	276,896	204,050	224,526	160,715	-28.4
June	287,842	456,057	292,132	324,088	325,252	257,429	-20.9
FY Total	3,172,755	3,080,192	3,535,113	3,478,478	3,031,162	3,305,811	9.1
% change		-2.9	14.8	-1.6	-12.9	9.1	
NITROGEN							
April	144,174	118,874	112,463	130,632	176,355	148,997	-15.5
May	164,709	228,224	87,796	207,281	157,332	185,024	17.6
June	225,892	226,378	387,016	255,720	267,464	249,321	-6.8
July	222,650	195,340	241,475	237,234	183,186	235,121	28.4
August	169,675	226,963	254,484	249,722	200,717	284,665	41.8
September	158,001	172,368	183,250	192,523	185,487	212,057	14.3
Total Kharif	1,085,101	1,168,147	1,266,484	1,273,112	1,170,541	1,315,184	12.4
% change		7.7	8.4	0.5	-8.1	12.4	
October	226,187	82,197	172,363	243,665	153,904	174,314	13.3
November	207,149	178,290	233,266	240,182	241,396	261,405	8.3
December	253,180	447,913	330,770	246,994	337,151	244,403	-27.5
January	219,164	98,690	255,563	241,412	231,646	224,235	-3.2
February	139,900	175,972	184,216	196,029	197,913	216,152	9.2
March	154,001	125,133	151,225	189,488	171,866	250,253	45.6
Total Rabi	1,199,581	1,108,195	1,327,402	1,357,770	1,333,876	1,370,761	2.8
% change		-7.6	19.8	2.3	-1.8	2.8	
April	118,874	112,463	130,632	176,355	148,997	122,450	-17.8
May	228,224	87,796	207,281	157,332	185,024	142,743	-22.9
June	226,378	387,016	255,720	267,464	249,321	200,627	-19.5
FY Total	2,323,383	2,290,141	2,600,244	2,638,399	2,486,608	2,568,423	3.3
% change		-1.4	13.5	1.5	-5.8	3.3	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PHOSPHATE							
April	28,865	32,738	58,086	32,221	38,035	23,612	-37.9
May	28,030	72,588	21,784	66,925	44,705	38,224	-14.5
June	70,388	59,645	65,415	32,861	54,878	75,266	37.2
July	114,666	86,325	91,439	80,826	32,825	46,262	40.9
August	30,076	41,100	117,795	81,096	12,334	133,205	980.0
September	73,510	78,816	87,009	93,157	29,953	50,939	70.1
Total Kharif	345,535	371,212	441,528	387,086	212,730	367,507	72.8
% change		7.4	18.9	-12.3	-45.0	72.8	
October	182,007	101,961	80,926	138,324	30,356	66,235	118.2
November	95,531	134,097	138,137	97,487	93,295	114,252	22.5
December	68,097	70,704	87,834	52,759	76,277	54,581	-28.4
January	33,832	21,015	48,093	45,812	42,176	30,093	-28.6
February	20,115	40,979	45,853	32,829	48,309	55,518	14.9
March	27,578	31,537	52,929	30,593	21,204	42,276	99.4
Total Rabi	427,160	400,293	453,771	397,804	311,617	362,954	16.5
% change		-6.3	13.4	-12.3	-21.7	16.5	
April	32,738	58,086	32,221	38,035	23,612	36,046	52.7
May	72,588	21,784	66,925	44,705	38,224	16,130	-57.8
June	59,645	65,415	32,861	54,878	75,266	55,609	-26.1
FY Total	810,383	751,819	882,020	790,501	523,831	701,145	33.8
% change		-7.2	17.3	-10.4	-33.7	33.8	
POTASH							
April	1,154	2,466	2,596	4,178	1,803	1,364	-24.3
May	1,723	1,426	2,245	2,690	2,014	1,278	-36.5
June	1,435	1,819	3,626	3,551	1,745	665	-61.9
July	5076	2,700	3,967	6,157	511	1,938	279.2
August	2798	2,596	3,941	8,583	557	6,945	1146.8
September	7641	6,625	10,181	5,813	2,126	4,151	95.2
Total Kharif	19,827	17,632	26,555	30,973	8,756	16,340	86.6
% change		-11.1	50.6	16.6	-71.7	86.6	
October	5,003	4,053	6,360	6,520	1,393	3,001	115.5
November	2,581	2,858	3,419	3,358	486	2,387	391.1
December	2,896	3,215	2,022	4,492	368	2,236	507.6
January	2,156	973	3,496	3,744	5,057	3,684	-27.2
February	2,607	4,563	4,661	2,867	4,349	4,491	3.3
March	2,520	2,181	4,382	2,483	2,569	3,082	20.0
Total Rabi	17,763	17,843	24,339	23,464	14,222	18,881	32.8
% change		0.5	36.4	-3.6	-39.4	32.8	
April	2,466	2,596	4,178	1,803	1,364	1,295	-5.1
May	1,426	2,245	2,690	2,014	1,278	1,841	44.1
June	1,819	3,626	3,551	1,745	665	1,193	79.3
FY Total	38,989	38,231	52,849	49,578	20,723	36,243	74.9
% change		-1.9	38.2	-6.2	-58.2	74.9	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
SINDH							
TOTAL							
April	64,407	58,565	68,427	45,884	83,132	68,548	-17.5
May	90,674	123,867	45,218	76,277	79,770	67,544	-15.3
June	102,508	106,435	185,904	88,878	121,973	101,485	-16.8
July	114,541	85,742	120,091	110,853	63,697	101,989	60.1
August	63,713	91,886	105,532	116,132	66,938	150,218	124.4
September	108,002	62,843	70,541	100,286	68,949	96,923	40.6
Total Kharif	543,845	529,338	595,713	538,311	484,459	586,707	21.1
% change		-2.7	12.5	-9.6	-10.0	21.1	
October	144,945	52,376	97,631	139,538	63,178	91,840	45.4
November	98,420	122,102	123,498	104,677	107,253	143,525	33.8
December	124,246	219,349	141,622	83,238	129,560	112,456	-13.2
January	83,773	34,483	100,137	88,951	102,182	93,665	-8.3
February	52,363	67,568	48,297	76,457	84,403	89,749	6.3
March	44,126	41,377	49,657	83,129	75,476	97,310	28.9
Total Rabi	547,873	537,255	560,843	575,989	562,052	628,544	11.8
% change		-1.9	4.4	2.7	-2.4	11.8	
April	58,565	68,427	45,884	83,132	68,548	65,886	-3.9
May	123,867	45,218	76,277	79,770	67,544	63,283	-6.3
June	106,435	185,904	88,878	121,973	101,485	85,508	-15.7
FY Total	1,122,996	1,077,275	1,068,047	1,188,136	999,213	1,192,351	19.3
% change		-4.1	-0.9	11.2	-15.9	19.3	
NITROGEN							
April	50,431	42,616	41,496	38,019	64,322	59,494	-7.5
May	80,984	87,503	34,358	58,591	66,744	60,066	-10.0
June	84,412	90,052	167,607	81,353	100,957	82,851	-17.9
July	83,082	66,223	81,725	89,537	52,780	88,323	67.3
August	50,747	78,626	69,904	92,871	63,061	110,308	74.9
September	89,793	42,654	43,009	76,154	62,308	83,879	34.6
Total Kharif	439,449	407,674	438,099	436,525	410,172	484,921	18.2
% change		-7.2	7.5	-0.4	-6.0	18.2	
October	82,464	26,595	64,317	92,196	55,035	76,251	38.5
November	67,820	68,035	84,294	78,745	78,489	102,206	30.2
December	103,321	188,441	122,099	67,891	107,492	91,011	-15.3
January	70,025	30,548	87,940	69,406	88,475	80,349	-9.2
February	46,223	57,752	36,490	68,479	68,034	71,009	4.4
March	36,178	29,545	29,203	67,320	63,359	80,632	27.3
Total Rabi	406,031	400,916	424,343	444,037	460,884	501,457	8.8
% change		-1.3	5.8	4.6	3.8	8.8	
April	42,616	41,496	38,019	64,322	59,494	51,760	-13.0
May	87,503	34,358	58,591	66,744	60,066	53,973	-10.1
June	90,052	167,607	81,353	100,957	82,851	68,181	-17.7
FY Total	849,824	831,880	796,943	934,621	841,444	957,881	13.8
% change		-2.1	-4.2	17.3	-10.0	13.8	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PHOSPHATE							
April	13,428	15,443	26,241	7,359	17,994	8,529	-52.6
May	9,299	35,976	10,561	17,245	12,518	7,059	-43.6
June	17,958	15,849	17,733	7,022	19,817	18,523	-6.5
July	30,755	19,164	37,871	20,698	10,013	13,314	33.0
August	12,566	12,761	35,116	21,858	3,786	38,739	923.2
September	16,613	19,661	26,064	23,066	6,533	12,699	94.4
Total Kharif	100,619	118,854	153,585	97,249	70,661	98,864	39.9
% change		18.1	29.2	-36.7	-27.3	39.9	
October	61,566	25,077	32,062	44,203	8,000	15,478	93.5
November	29,735	53,176	38,091	22,040	28,679	40,897	42.6
December	19,815	29,727	18,098	14,881	22,025	21,022	-4.6
January	13,261	3,816	10,800	17,331	13,006	12,305	-5.4
February	5,569	9,178	10,971	7,407	15,239	17,754	16.5
March	7,056	10,954	19,495	13,887	10,168	16,135	58.7
Total Rabi	137,002	131,928	129,517	119,748	97,117	123,591	27.3
% change		-3.7	-1.8	-7.5	-18.9	27.3	
April	15,443	26,241	7,359	17,994	8,529	13,822	62.1
May	35,976	10,561	17,245	12,518	7,059	8,587	21.6
June	15,849	17,733	7,022	19,817	18,523	17,005	-8.2
FY Total	264,204	238,049	260,194	235,700	151,560	227,758	50.3
% change		-9.9	9.3	-9.4	-35.7	50.3	
POTASH							
April	548	506	690	506	815	525	-35.6
May	390	388	299	441	508	419	-17.5
June	138	533	564	503	1,200	111	-90.7
July	704	355	496	619	904	352	-61.1
August	400	499	512	1,403	91	1,170	1186.2
September	1,596	529	1,468	1,066	108	345	219.1
Total Kharif	3,776	2,810	4,029	4,537	3,626	2,922	-19.4
% change		-25.6	43.4	12.6	-20.1	-19.4	
October	915	703	1,251	3,138	143	111	-22.6
November	866	890	1,114	3,892	85	422	396.3
December	1,110	1,181	1,425	467	43	423	884.7
January	487	119	1,398	2,215	701	1,011	44.2
February	572	639	836	571	1,130	986	-12.7
March	892	878	959	1,921	1,949	544	-72.1
Total Rabi	4,842	4,410	6,984	12,203	4,051	3,497	-13.7
% change		-8.9	58.4	74.7	-66.8	-13.7	
April	506	690	506	815	525	303	-42.2
May	388	299	441	508	419	724	72.7
June	533	564	503	1,200	111	322	189.9
FY Total	8,969	7,346	10,909	17,815	6,209	6,712	8.1
% change		-18.1	48.5	63.3	-65.1	8.1	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
KP							
TOTAL							
April	13,968	13,685	16,519	18,121	11,150	12,667	13.6
May	10,921	17,434	8,767	15,200	11,205	15,443	37.8
June	14,306	12,058	24,752	13,334	24,568	18,429	-25.0
July	13,855	15,457	18,835	12,342	16,232	15,122	-6.8
August	11,694	17,966	24,166	16,205	12,265	28,828	135.0
September	15,077	15,139	20,090	13,508	13,329	13,802	3.6
Total Kharif	79,821	91,739	113,129	88,711	88,749	104,292	17.5
% change		14.9	23.3	-21.6	0.04	17.5	
October	23,156	13,096	17,860	20,607	14,359	12,238	-14.8
November	11,656	18,463	25,080	17,686	24,922	17,530	-29.7
December	15,117	22,468	19,425	12,976	28,178	13,799	-51.0
January	15,043	11,130	13,506	12,852	15,454	14,324	-7.3
February	12,917	16,686	17,044	18,089	12,833	19,599	52.7
March	16,262	17,014	22,004	16,032	18,169	24,053	32.4
Total Rabi	94,151	98,857	114,919	98,243	113,915	101,542	-10.9
% change		5.0	16.2	-14.5	16.0	-10.9	
April	13,685	16,519	18,121	11,150	12,667	11,454	-9.6
May	17,434	8,767	15,200	11,205	15,443	10,588	-31.4
June	12,058	24,752	13,334	24,568	18,429	12,647	-31.4
FY Total	177,954	197,457	224,666	187,221	202,280	193,984	-4.1
% change		11.0	13.8	-16.7	8.0	-4.1	
NITROGEN							
April	12,268	10,664	13,543	16,663	9,735	11,637	19.5
May	9,804	13,883	7,195	11,720	9,430	13,564	43.8
June	11,004	9,777	19,123	12,042	21,344	15,167	-28.9
July	8,609	11,293	14,714	10,300	14,407	12,327	-14.4
August	10,223	14,439	17,520	12,071	11,673	21,821	86.9
September	9,993	10,861	13,545	9,826	12,023	11,495	-4.4
Total Kharif	61,901	70,917	85,640	72,621	78,612	86,011	9.4
% change		14.6	20.8	-15.2	8.3	9.4	
October	13,507	6,287	12,679	12,428	12,550	8,639	-31.2
November	7,330	12,700	17,298	12,988	20,068	13,796	-31.3
December	12,765	21,076	16,578	11,050	22,539	11,143	-50.6
January	12,888	9,634	11,384	11,183	12,114	12,628	4.2
February	10,552	12,979	13,852	15,595	8,233	16,863	104.8
March	13,590	11,572	15,281	12,254	14,737	18,502	25.5
Total Rabi	70,632	74,248	87,070	75,499	90,241	81,570	-9.6
% change		5.1	17.3	-13.3	19.5	-9.6	
April	10,664	13,543	16,663	9,735	11,637	9,088	-21.9
May	13,883	7,195	11,720	9,430	13,564	9,366	-31.0
June	9,777	19,123	12,042	21,344	15,167	10,695	-29.5
FY Total	133,781	150,702	173,273	148,204	168,712	156,362	-7.3
% change		12.6	15.0	-14.5	13.8	-7.3	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PHOSPHATE							
April	1,405	2,799	2,851	1,429	1,378	1,024	-25.7
May	1,015	3,494	1,541	3,352	1,729	1,878	8.6
June	3,264	2,197	5,432	1,224	3,181	3,249	2.1
July	4,999	4,061	4,023	1,977	1,790	2,771	54.8
August	1,155	3,225	6,414	3,692	565	6,850	1112.5
September	4,747	3,837	5,957	3,553	1,253	2,281	82.0
Total Kharif	16,585	19,613	26,218	15,227	9,897	18,053	82.4
% change		18.3	33.7	-41.9	-35.0	82.4	
October	9,327	6,735	4,952	8,011	1,797	3,586	99.5
November	4,225	5,670	7,509	4,486	4,853	3,726	-23.2
December	2,220	1,225	2,720	1,825	5,634	2,630	-53.3
January	1,862	1,409	1,884	1,526	3,065	1,462	-52.3
February	1,933	2,929	2,903	1,842	3,759	2,532	-32.7
March	1,625	4,983	5,416	3,707	3,369	5,100	51.4
Total Rabi	21,192	22,951	25,384	21,396	22,477	19,036	-15.3
% change		8.3	10.6	-15.7	5.1	-15.3	
April	2,799	2,851	1,429	1,378	1,024	2,335	128.1
May	3,494	1,541	3,352	1,729	1,878	1,179	-37.2
June	2,197	5,432	1,224	3,181	3,249	1,931	-40.6
FY Total	40,583	43,898	47,783	36,907	32,236	36,383	12.9
% change		8.2	8.9	-22.8	-12.7	12.9	
POTASH							
April	295	222	125	29	37	6	-83.7
May	102	56	31	129	45	1	-97.8
June	39	84	198	68	43	13	-69.5
July	247	103	98	65	35	24	-31.8
August	317	302	232	443	27	156	479.4
September	338	442	588	129	53	27	-48.9
Total Kharif	1,338	1,209	1,271	864	240	227	-5.2
% change		-9.6	5.1	-32.0	-72.2	-5.2	
October	322	74	229	169	12	13	5.0
November	101	93	273	212	1	8	663.9
December	132	167	127	101	5	26	414.4
January	293	86	239	143	275	234	-14.9
February	432	778	290	652	841	205	-75.7
March	1,047	459	1,307	72	63	452	617.3
Total Rabi	2,327	1,657	2,465	1,348	1,197	936	-21.8
% change		-28.8	48.8	-45.3	-11.2	-21.8	
April	222	125	29	37	6	31	415.8
May	56	31	129	45	1	43	4236.0
June	84	198	68	43	13	21	61.5
FY Total	3,591	2,858	3,609	2,110	1,332	1,239	-7.0
% change		-20.4	26.3	-41.5	-36.9	-7.0	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
BALUCHISTAN							
TOTAL							
April	7,868	10,553	8,836	8,673	11,838	4,822	-59.3
May	9,964	14,587	7,189	18,070	7,081	4,221	-40.4
June	11,921	14,167	35,187	17,069	12,052	14,399	19.5
July	12,480	13,770	24,483	22,708	13,355	10,299	-22.9
August	7,382	12,842	24,805	23,200	8,261	21,087	155.3
September	10,760	12,423	10,761	14,115	4,409	8,335	89.1
Total Kharif	60,375	78,342	111,262	103,835	56,997	63,164	10.8
% change		29.8	42.0	-6.7	-45.1	10.8	
October	12,823	15,436	12,035	14,252	16,819	3,504	-79.2
November	13,377	19,614	12,125	9,723	15,723	4,594	-70.8
December	16,920	33,612	15,880	7,246	18,324	5,169	-71.8
January	7,602	10,811	14,066	7,440	10,443	9,849	-5.7
February	10,024	14,306	9,622	7,348	11,638	10,069	-13.5
March	9,537	9,409	12,680	10,569	11,220	17,115	52.5
Total Rabi	70,283	103,188	76,408	56,578	84,167	50,300	-40.2
% change		46.8	-26.0	-26.0	48.8	-40.2	
April	10,553	8,836	8,673	11,838	4,822	6,272	30.1
May	14,587	7,189	18,070	7,081	4,221	9,659	128.8
June	14,167	35,187	17,069	12,052	14,399	10,683	-25.8
FY Total	140,212	193,435	180,269	147,572	133,634	116,635	-12.7
% change		38.0	-6.8	-18.1	-9.4	-12.7	
NITROGEN							
April	5,980	6,688	6,710	7,445	9,263	4,292	-53.7
May	8,470	10,372	5,017	15,400	5,390	3,102	-42.4
June	9,623	10,950	27,503	15,881	9,168	10,052	9.6
July	8,055	10,259	17,298	19,803	11,242	7,516	-33.1
August	5,704	9,351	19,079	19,637	7,757	13,024	67.9
September	8,109	7,989	6,321	10,824	3,836	7,399	92.9
Total Kharif	45,941	55,609	81,928	88,990	46,656	45,385	-2.7
		21.0	47.3	8.6	-47.6	-2.7	
October	7,831	8,345	6,196	7,655	13,190	1,748	-86.7
November	8,764	10,593	9,073	7,012	11,038	2,636	-76.1
December	11,687	27,398	12,212	6,371	15,136	4,230	-72.1
January	5,963	8,522	12,125	6,144	8,184	8,704	6.4
February	8,273	12,256	8,240	6,443	8,979	7,468	-16.8
March	8,015	7,851	11,015	9,082	10,309	15,064	46.1
Total Rabi	50,533	74,965	58,862	42,708	66,836	39,850	-40.4
% change		48.3	-21.5	-27.4	56.5	-40.4	
April	6,688	6,710	7,445	9,263	4,292	4,801	11.9
May	10,372	5,017	15,400	5,390	3,102	6,596	112.6
June	10,950	27,503	15,881	9,168	10,052	7,286	-27.5
FY Total	100,411	141,794	140,287	116,792	107,117	86,471	-19.3
% change		41.2	-1.1	-16.7	-8.3	-19.3	

Continued....

MONTH-WISE AND PROVINCE-WISE COMPARATIVE NUTRIENT OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED WITH PREVIOUS SEASONS/YEARS

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PHOSPHATE							
April	1,776	3,776	2,007	1,145	2,545	494	-80.6
May	1,347	4,157	2,089	2,566	1,538	1,068	-30.5
June	2,243	3,156	7,359	1,115	2,848	4,321	51.7
July	4,263	3,448	7,104	2,827	2,085	2,764	32.5
August	1,601	3,374	5,600	3,360	488	7,905	1519.9
September	2,191	4,274	4,084	3,137	529	863	63.1
Total Kharif	13,421	22,185	28,243	14,151	10,033	17,415	73.6
% change		65.3	27.3	-49.9	-29.1	73.6	
October	4,788	6,951	5,533	6,345	3,567	1,710	-52.1
November	4,474	8,926	2,979	2,586	4,675	1,957	-58.1
December	5,091	6,065	3,420	829	3,177	917	-71.1
January	1,517	2,216	1,806	1,266	2,224	1,094	-50.8
February	1,581	1,767	1,263	802	2,507	2,439	-2.7
March	1,380	1,410	1,458	1,327	885	1,965	122.1
Total Rabi	18,831	27,335	16,459	13,155	17,035	10,083	-40.8
% change		45.2	-39.8	-20.1	29.5	-40.8	
April	3,776	2,007	1,145	2,545	494	1,458	195.1
May	4,157	2,089	2,566	1,538	1,068	2,978	178.9
June	3,156	7,359	1,115	2,848	4,321	3,362	-22.2
FY Total	37,975	49,886	38,073	29,410	26,020	29,413	13.0
% change		31.4	-23.7	-22.8	-11.5	13.0	
POTASH							
April	112	89	119	83	30	36	18.3
May	148	59	83	103	154	51	-66.9
June	55	62	325	73	36	26	-28.6
July	162	63	82	78	28	19	-30.6
August	78	118	126	203	16	158	887.1
September	461	160	355	153	44	74	67.7
Total Kharif	1,016	551	1,090	694	309	364	17.9
% change		-45.8	97.9	-36.4	-55.5	17.9	
October	204	141	305	252	62	46	-26.3
November	139	94	73	125	10	-	-100.0
December	142	149	248	46	11	22	101.8
January	123	73	134	29	35	50	43.4
February	170	282	119	103	152	163	7.3
March	142	148	206	160	26	86	230.8
Total Rabi	920	887	1,086	715	296	367	24.1
% change		-3.6	22.5	-34.2	-58.6	24.1	
April	89	119	83	30	36	12	-65.4
May	59	83	103	154	51	85	65.9
June	62	325	73	36	26	35	35.0
FY Total	1,831	1,755	1,908	1,370	497	751	51.0
% change		-4.2	8.7	-28.2	-63.7	51.0	

MONTH-WISE AND PRODUCT-WISE OFFTAKE DURING 2022-23 AND 2023-24

(2022-23)

(Tonnes)

PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	TOTAL
PRODUCT TONNES														
UREA	Imported	74,748	11,024	-	-	34,325	147,879	141,967	48,040	22,688	4,114	239	-	485,024
UREA	FFC	170,379	219,268	236,981	233,472	272,801	277,352	221,315	227,848	269,716	171,134	242,285	295,722	2,838,273
UREA	DHCL	-	-	-	-	-	-	2,140	-	-	20,303	34,096	34,571	91,110
UREA	PAK-ARAB	14,318	10,785	9,661	6,131	13,369	9,829	2,896	-	1,220	7,340	6,793	8,881	91,223
UREA	EFERT	86,545	174,504	163,502	97,115	95,649	220,501	215,414	186,674	148,526	157,061	117,051	209,498	1,872,040
UREA	Agri Tech Limited (PAFL)	31,372	43,581	28,597	23,582	38,569	30,890	2,630	803	1,945	23,378	26,675	20,317	272,339
UREA	Fatima Fertilizer Company	85,446	93,187	69,181	69,343	128,353	146,754	44,914	39,397	45,135	24,967	31,948	41,358	819,983
UREA	TOTAL	462,808	552,349	507,922	429,643	583,066	833,205	631,276	502,762	489,230	408,297	459,087	610,347	6,469,992
NP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
NP	PAK-ARAB	29,471	11,101	15,138	18,624	34,579	61,825	23,294	35,446	10,014	22,095	36,433	64,543	362,563
NP	EFERT	3,170	1,536	595	1,447	6,237	12,157	8,154	5,219	5,303	1,528	5,254	2,090	52,690
NP	Fatima Fertilizer Company	37,569	5,310	16,955	18,392	49,907	70,558	32,637	54,754	21,638	24,787	41,166	66,851	440,524
NP	TOTAL	70,210	17,947	32,688	38,463	90,723	144,540	64,085	95,419	36,955	48,410	82,853	133,485	855,777
SSP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	LCFL	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	Agritech Limited (PAFL)	4,113	2,601	5,969	5,639	7,939	7,332	3,843	4,813	1,010	1,299	5,755	9,281	59,594
SSP	Suraj Fertilizer	1,265	379	1,003	1,188	199	3	255	-	50	76	206	391	5,015
SSP	Safi Chemicals	30	20	30	20	30	-	-	-	-	-	-	-	130
SSP	TOTAL	5,408	3,000	7,002	6,847	8,168	7,335	4,098	4,813	1,060	1,375	5,961	9,672	64,739
DAP	Imported	27,980	14,452	43,770	38,332	101,322	45,599	42,030	46,845	28,356	23,102	26,837	77,994	516,619
DAP	FFC-SONA	39,137	11,553	18,864	33,128	135,083	111,920	53,816	50,762	22,882	27,662	39,113	80,133	624,053
DAP	TOTAL	67,117	26,005	62,634	71,460	236,405	157,519	95,846	97,607	51,238	50,764	65,950	158,127	1,140,672
CAN	PAK-ARAB	28,227	30,672	12,135	15,453	24,028	80,333	23,040	-	9,754	32,855	33,770	30,938	321,205
CAN	Fatima Fertilizer Company	48,228	45,972	29,184	41,245	49,242	62,974	43,569	41,264	45,852	29,093	43,022	40,026	519,671
CAN	TOTAL	76,455	76,644	41,319	56,698	73,270	143,307	66,609	41,264	55,606	61,948	76,792	70,964	840,876
TSP	Imported	-	-	-	-	-	-	-	-	300	-	-	-	300
SOP	Pacific	-	325	939	910	366	438	1,969	2,080	2,005	1,509	1,788	437	12,766
SOP	Imported	182	217	1,069	798	490	106	6,464	6,052	2,127	618	821	893	19,837
SOP	TOTAL	182	542	2,008	1,708	856	544	8,433	8,132	4,132	2,127	2,609	1,330	32,603
MAP	Imported	189	120	153	261	577	111	511	116	98	-	260	51	2,447
MOP	Imported	1,248	7	1,288	235	28	209	1,910	775	2,776	895	562	9	9,942
NPks	EFERT	3,890	2,400	2,963	3,261	699	157	3,639	10,868	4,674	2,015	571	779	35,916
NPks	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	0
AS	Imported	645	623	678	996	798	751	1,197	2,470	1,295	2,156	2,006	1,243	14,858
	GRAND TOTAL	688,152	679,637	658,655	609,572	994,590	1,287,678	877,604	764,226	647,364	577,987	696,651	986,007	9,468,122

MONTH-WISE AND PRODUCT-WISE OFFTAKE DURING 2022-23 AND 2023-24

(2023-24)

		(Tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	TOTAL
PRODUCT TONNES														
UREA	Imported	-	54	-	-	-	-	-	57,671	161,445	1,463	-	-	220,633
UREA	FFC	237,794	249,312	249,616	179,968	243,563	253,698	266,086	206,682	252,735	222,746	288,822	258,208	2,909,230
UREA	DHCL	46,266	69,275	26,877	34,466	76,672	53,167	48,708	26,078	23,727	651	820	9,705	416,410
UREA	PAK-ARAB	6,726	-	-	-	-	-	-	-	-	-	-	-	6,726
UREA	EFERT	266,014	231,256	195,081	172,025	217,650	210,635	210,402	189,950	147,886	75,487	76,647	155,178	2,148,211
UREA	Agri Tech Limited (PAFL)	34,494	48,916	33,399	15,958	23,652	54,689	38,565	29,257	30,169	1,755	20,095	26,952	357,899
UREA	Fatima Fertilizer Company	38,081	51,485	59,188	56,409	49,324	55,697	49,135	33,752	54,786	25,696	13,586	32,589	519,728
UREA	TOTAL	629,375	650,298	564,160	458,826	610,860	627,886	612,897	543,389	670,748	327,797	399,970	482,632	6,578,838
NP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
NP	PAK-ARAB	28,801	-	-	-	-	-	-	-	-	-	-	-	28,801
NP	EFERT	5,044	10,374	10,316	9,173	10,274	13,089	8,442	5,059	7,389	6,008	2,263	11,133	98,564
NP	Fatima Fertilizer Company	24,220	256,870	57,074	32,820	119,336	46,083	47,030	75,690	46,955	42,937	45,035	90,807	884,858
NP	TOTAL	58,065	267,244	67,390	41,993	129,610	59,172	55,472	80,749	54,344	48,945	47,298	101,940	1,012,223
SSP	Imported	-	-	0	-	-	-	-	-	-	-	-	-	0
SSP	LCFL	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	Agri Tech Limited (PAFL)	8,090	9,259	4,304	12,700	12,351	7,503	4,307	6,633	4,043	5,633	2,311	4,031	81,163
SSP	Suraj Fertilizer	395	1,776	2,177	2,356	1,438	682	206	564	328	154	251	375	10,703
SSP	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	50	50
SSP	TOTAL	8,485	11,035	6,481	15,056	13,789	8,184	4,513	7,197	4,371	5,787	2,562	4,456	91,916
DAP	Imported	40,302	66,374	31,948	91,846	195,091	63,822	38,843	62,146	28,334	40,451	16,208	41,695	717,061
DAP	FFC-SONA	72,257	196,628	75,758	68,963	83,180	74,392	27,971	63,075	78,298	52,193	24,313	81,342	898,370
DAP	TOTAL	112,559	263,002	107,706	160,809	278,271	138,214	66,814	125,221	106,632	92,644	40,521	123,037	1,615,431
CAN	PAK-ARAB	31,853	-	-	-	0	-	-	-	-	-	-	-	31,853
CAN	Fatima Fertilizer Company	42,580	76,513	75,812	41,698	70,930	87,771	75,906	67,925	82,706	34,742	33,527	70,569	760,680
CAN	TOTAL	74,433	76,513	75,812	41,698	70,930	87,771	75,906	67,925	82,706	34,742	33,527	70,569	792,533
TSP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
SOP	Pacific	662	2,328	2,557	1,613	1,141	1,726	2,687	2,333	1,910	1,632	1,454	1,249	21,293
SOP	Imported	1,841	8,071	3,807	523	2,117	2,394	5,031	4,879	3,806	670	2,493	1,028	36,660
SOP	TOTAL	2,503	10,399	6,364	2,136	3,258	4,120	7,718	7,212	5,717	2,302	3,947	2,277	57,953
MAP	Imported	15	79	71	67	101	443	212	242	16	75	-	-	1,322
MOP	Imported	1,530	2,137	1,522	2,640	1,310	432	657	2,284	504	377	623	359	14,374
NPks	EFERT	1,000	11,717	2,671	2,851	2,199	2,037	3,633	4,537	5,782	1,662	1,860	1,132	41,082
NPks	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	0
AS	Imported	3,269	3,002	2,011	705	2,237	9,708	2,876	15,487	5,367	3,759	10,349	10,729	69,497
GRAND TOTAL		891,234	1,295,425	834,188	726,781	1,112,565	937,967	830,699	854,243	936,187	518,092	540,658	797,130	10,275,168

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA & DAP) DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PAKISTAN							
UREA							
April	375,459	292,425	242,348	309,245	458,952	408,297	-11.0
May	493,808	592,525	239,634	501,488	417,521	459,087	10.0
June	608,109	642,577	1,164,925	690,238	736,970	610,348	-17.2
July	496,634	465,496	574,885	621,731	462,808	629,375	36.0
August	430,696	625,424	573,290	648,513	552,349	650,298	17.7
September	482,417	405,306	392,815	487,149	507,922	564,160	11.1
Total Kharif	2,887,123	3,023,753	3,187,897	3,258,363	3,136,522	3,321,564	5.9
% change		4.7	5.4	2.2	-3.7	5.9	
October	465,071	121,359	413,135	513,890	429,643	458,826	6.8
November	496,923	380,729	533,084	574,034	583,066	610,860	4.8
December	710,890	1,345,359	880,624	598,732	833,205	627,886	-24.6
January	563,652	261,747	648,539	597,794	631,276	612,897	-2.9
February	388,197	460,447	406,203	526,843	502,761	543,389	8.1
March	408,461	302,500	343,046	508,738	489,231	670,748	37.1
Total Rabi	3,033,194	2,872,141	3,224,630	3,320,031	3,469,182	3,524,606	1.6
% change		-5.3	12.3	3.0	4.5	1.6	
April	292,425	242,348	309,245	458,952	408,297	327,797	-19.7
May	592,525	239,634	501,488	417,521	459,087	399,970	-12.9
June	642,577	1,164,925	690,238	736,970	610,348	482,632	-20.9
FY Total	5,970,468	6,015,274	6,266,590	6,690,866	6,469,992	6,578,838	1.7
% change		0.8	4.2	6.8	-3.3	1.7	
DAP							
April	68,800	86,170	150,721	46,169	95,231	50,764	-46.7
May	62,513	213,024	60,857	173,233	94,383	65,950	-30.1
June	189,898	157,743	175,949	68,180	145,499	158,127	8.7
July	301,790	202,033	250,972	193,418	67,117	112,559	67.7
August	79,067	105,295	295,012	186,532	26,005	263,002	911.4
September	198,945	209,871	228,479	221,132	62,634	107,706	72.0
Total Kharif	901,013	974,136	1,161,990	888,663	490,869	758,108	54.4
% change		8.1	19.3	-23.5	-44.8	54.4	
October	521,251	270,917	229,374	342,287	71,459	160,809	125.0
November	264,586	404,219	356,800	219,871	236,405	278,271	17.7
December	189,045	193,312	205,783	116,545	157,519	138,214	-12.3
January	74,621	43,724	83,521	112,823	95,846	66,814	-30.3
February	48,533	87,562	89,140	55,361	97,607	125,221	28.3
March	65,475	79,220	143,760	79,641	51,238	106,632	108.1
Total Rabi	1,163,511	1,078,954	1,108,379	926,528	710,073	875,961	23.4
% change		-7.3	2.7	-16.4	-23.4	23.4	
April	86,170	150,721	46,169	95,231	50,764	92,644	82.5
May	213,024	60,857	173,233	94,383	65,950	40,521	-38.6
June	157,743	175,949	68,180	145,499	158,127	123,038	-22.2
FY Total	2,200,250	1,983,680	2,170,423	1,862,723	1,140,670	1,615,431	41.6
% change		-9.8	9.4	-14.2	-38.8	41.6	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA &DAP) DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED
WITH PREVIOUS SEASONS/YEARS**

							(Tonnes)
MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
PUNJAB							
UREA							
April	258152	197975	159520	206,138	320,288	264,993	-17.3
May	301,045	399,861	158,770	355,961	275,238	317,725	15.4
June	403,817	423,733	738,772	472,932	488,989	417,401	-14.6
July	328,517	309,388	389,980	398,533	322,220	425,379	32.0
August	308,046	428,184	397,842	422,571	386,309	414,706	7.4
September	271,512	299,846	298,026	309,116	352,925	371,621	5.3
Total Kharif	1,871,089	2,058,987	2,142,910	2,165,250	2,145,969	2,211,825	3.1
% change		10.0	4.1	1.0	-0.9	3.1	
October	318097	74133	283,812	355,845	283,323	297,378	5.0
November	357,794	252,291	349,834	397,781	395,168	417,311	5.6
December	463,594	875,921	585,190	443,231	575,023	438,537	-23.7
January	393,162	166,952	432,938	444,906	427,231	417,387	-2.3
February	260,365	302,990	303,450	353,806	355,023	370,787	4.4
March	298,227	224,754	258,412	354,447	327,670	468,288	42.9
Total Rabi	2,091,239	1,897,041	2,213,636	2,350,017	2,363,437	2,409,688	2.0
% change		-9.3	16.7	6.2	0.6	2.0	
April	197975	159520	206,138	320,288	264,993	215,442	-18.7
May	399,861	158,770	355,961	275,238	317,725	273,225	-14.0
June	423,733	738,772	472,932	488,989	417,401	333,177	-20.2
FY Total	4,020,883	3,991,521	4,334,513	4,564,751	4,425,010	4,443,239	0.4
% change		-0.7	8.6	5.3	-3.1	0.4	
DAP							
April	44,195	55,403	103408	36,807	63,676	34,693	-45.5
May	43,691	135,635	39,170	130,089	69,671	52,452	-24.7
June	142,447	116,870	115,617	54,681	98,184	114,839	17.0
July	222,575	157,163	163,678	148,201	48,813	78,441	60.7
August	52,093	71,104	211,057	142,026	17,516	188,963	978.8
September	151,691	155,557	161,705	165,252	50,436	81,065	60.7
Total Kharif	656,692	691,732	794,636	677,056	348,295	550,453	58.0
% change		5.3	14.9	-14.8	-48.6	58.0	
October	370,771	196,919	151,848	245,155	51,197	123,802	141.8
November	189,575	271,446	267,645	172,197	170,254	200,767	17.9
December	135,689	129,255	162,919	88,350	106,987	95,345	-10.9
January	47,274	32,038	65,667	80,564	67,818	45,966	-32.2
February	34,302	67,138	69,194	42,987	72,755	88,448	21.6
March	51,083	56,425	100,444	52,625	32,157	73,825	129.6
Total Rabi	828,694	753,221	817,717	681,878	501,168	628,153	25.3
% change		-9.1	8.6	-16.6	-26.5	25.3	
April	55,403	103,408	36,807	63,676	34,693	65,281	88.2
May	135,635	39,170	130,089	69,671	52,452	21,000	-60.0
June	116,870	115,617	54,681	98,184	114,839	86,696	-24.5
FY Total	1,562,961	1,395,240	1,575,734	1,368,889	819,916	1,149,599	40.2
% change		-10.7	12.9	-13.1	-40.1	40.2	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA &DAP) DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
SINDH							
UREA							
April	81,396	64,728	45,048	54,740	103,638	110,914	7.0
May	155,726	148,501	58,607	92,889	114,151	109,489	-4.1
June	164,542	178,950	338,954	159,900	189,165	147,247	-22.2
July	140,360	117,817	127,098	162,964	91,068	167,358	83.8
August	91,141	152,391	108,057	164,606	125,041	180,387	44.3
September	177,817	72,164	62,600	139,749	122,811	155,044	26.2
Total Kharif	810,982	734,551	740,364	774,847	745,874	870,438	16.7
% change		-9.4	0.8	4.7	-3.7	16.7	
October	113,587	29,195	99,330	129,262	97,914	144,259	47.3
November	112,123	91,727	136,482	140,519	130,522	164,485	26.0
December	201,360	371,327	239,332	121,224	186,739	156,056	-16.4
January	133,447	59,448	170,179	118,937	166,411	149,120	-10.4
February	90,702	108,160	60,034	128,565	119,137	124,027	4.1
March	67,455	45,962	37,558	116,727	114,756	138,139	20.4
Total Rabi	718,674	705,819	742,915	755,234	815,480	876,086	7.4
% change		-1.8	5.3	1.7	8	7.4	
April	64,728	45,048	54,740	103,638	110,914	86,349	-22.1
May	148,501	58,607	92,889	114,151	109,489	96,829	-11.6
June	178,950	338,954	159,900	189,165	147,247	116,682	-20.8
FY Total	1,520,171	1,490,800	1,348,199	1,629,505	1,522,049	1,678,734	10.3
% change		-1.9	-9.6	20.9	-6.6	10.3	
DAP							
April	19,967	19,969	39,913	5,869	27,512	13,826	-49.7
May	14,897	63,600	16,294	31,990	20,014	9,647	-51.8
June	36,537	29,911	34,958	10,059	38,520	30,976	-19.6
July	60,346	32,014	67,085	36,130	14,092	24,759	75.7
August	22,421	21,864	61,617	31,636	6,909	55,962	710.0
September	33,093	38,613	48,844	42,767	10,061	21,677	115.4
Total Kharif	187,261	205,971	268,711	158,451	117,108	156,846	33.9
% change		10.0	30.5	-41.0	-26.1	33.9	
October	122,406	47,697	58,449	71,013	13,989	28,420	103.2
November	57,594	104,065	69,235	35,685	50,304	69,071	37.3
December	39,348	49,736	31,343	24,931	37,185	36,401	-2.1
January	21,658	5,480	14,750	28,570	20,118	17,877	-11.1
February	8,493	14,383	14,304	9,966	18,623	29,088	56.2
March	11,223	17,218	36,936	23,782	16,483	26,059	58.1
Total Rabi	260,722	238,579	225,018	193,948	156,703	206,915	32.0
% change		-8.5	-5.7	-13.8	-19.2	32.0	
April	19,969	39,913	5,869	27,512	13,826	20,894	51.1
May	63,600	16,294	31,990	20,014	9,647	12,006	24.5
June	29,911	34,958	10,059	38,520	30,976	28,509	-8.0
FY Total	490,062	422,235	450,482	390,527	242,214	370,721	53.1
% change		-13.8	6.7	-13.3	-38.0	53.1	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA &DAP) DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
KP							
UREA							
April	24,913	19,287	25,861	33,832	19,297	23,786	23.3
May	20,150	26,307	13,648	21,964	18,545	26,745	44.2
June	21,161	18,999	35,364	24,651	43,225	29,137	-32.6
July	14,222	20,105	27,082	20,334	28,719	23,622	-17.8
August	20,989	27,862	31,494	22,434	24,696	39,890	61.5
September	17,548	19,831	22,534	17,657	24,685	22,437	-9.1
Total Kharif	118,983	132,391	155,983	140,871	159,168	165,615	4.1
% change		11.3	17.8	-9.7	13.0	4.1	
October	21,004	6,637	22,418	19,262	24,913	14,985	-39.9
November	12,126	21,983	30,196	23,241	38,340	25,730	-32.9
December	25,436	44,430	33,291	21,536	42,529	21,810	-48.7
January	25,788	19,405	21,822	22,580	23,089	25,913	12.2
February	20,879	25,102	26,587	31,531	13,068	33,924	159.6
March	27,039	21,501	29,717	24,908	30,545	37,023	21.2
Total Rabi	132,272	139,058	164,030	143,058	172,484	159,384	-7.6
% change		5.1	18.0	-12.8	20.6	-7.6	
April	19,287	25,861	33,832	19,297	23,786	17,516	-26.4
May	26,307	13,648	21,964	18,545	26,745	18,770	-29.8
June	18,999	35,364	24,651	43,225	29,137	20,878	-28.3
FY Total	249,624	281,729	325,587	284,549	330,252	302,495	-8.4
% change		12.9	15.6	-12.6	16.1	-8.4	
DAP							
April	1,694	3,829	4,464	2,042	1,753	1,630	-7.1
May	1,584	6,480	1,860	6,442	2,671	2,573	-3.7
June	6,657	4,435	10,523	2,205	5,366	5,205	-3.0
July	10,381	7,513	6,678	3,954	2,167	4,525	108.9
August	2,012	5,791	12,665	7,229	764	11,204	1365.7
September	9,929	6,795	10,115	6,796	1,651	3,571	116.3
Total Kharif	32,257	34,843	46,304	28,668	14,372	28,707	99.7
% change		8.0	32.9	-38.1	-49.9	99.7	
October	18,744	12,537	9,125	15,507	2,090	5,123	145.0
November	8,335	10,723	14,595	7,482	7,311	5,381	-26.4
December	3,880	2,387	5,538	2,178	8,557	4,736	-44.7
January	3,070	2,645	1,280	2,407	5,282	2,008	-62.0
February	3,002	3,884	4,218	1,387	3,937	4,540	15.3
March	1,078	3,677	4,176	2,199	1,508	4,196	178.3
Total Rabi	38,109	35,853	38,932	31,159	28,685	25,983	-9.4
% change		-5.9	8.6	-20.0	-7.9	-9.4	
April	3,829	4,464	2,042	1,753	1,630	4,510	176.8
May	6,480	1,860	6,442	2,671	2,573	1,963	-23.7
June	4,435	10,523	2,205	5,366	5,205	3,299	-36.6
FY Total	75,175	72,799	79,078	58,927	42,675	55,054	29.0
% change		-3.2	8.6	-25.5	-27.6	29.0	

Continued....

**MONTH-WISE AND PROVINCE-WISE COMPARATIVE OFFTAKE OF PRINCIPAL RPDODUCTS
(UREA &DAP) DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24 COMPARED
WITH PREVIOUS SEASONS/YEARS**

(Tonnes)

MONTHS/ SEASONS	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	Kharif 2022 Rabi 2022-23 FY 2022-23	Kharif 2023 Rabi 2023-24 FY 2023-24	Percent change in Kharif 2023, Rabi 2023-24 and Fiscal Year 2023-24 over previous months/seasons/years
BALUCHISTAN							
UREA							
April	10,933	10,430	11,919	14,535	15,730	8,606	-45.3
May	16,887	17,781	8,609	30,674	9,587	5,127	-46.5
June	18,589	20,895	51,835	32,756	15,591	16,564	6.2
July	13,535	18,064	30,725	39,900	20,801	13,016	-37.4
August	10,520	16,960	35,897	38,902	16,303	15,315	-6.1
September	15,540	13,465	9,655	20,627	7,500	15,058	100.8
Total Kharif	86,004	97,595	148,640	177,395	85,512	73,686	-13.8
% change		13.5	52.3	19.3	-51.8	-13.8	
October	12,383	11,394	7,575	9,483	23,493	2,204	-90.6
November	14,880	14,728	16,573	12,494	19,036	3,335	-82.5
December	20,500	53,681	22,811	12,741	28,914	8,234	-71.5
January	11,250	15,942	23,600	11,370	14,545	17,139	17.8
February	16,183	24,195	16,132	12,941	15,532	12,885	-17.0
March	15,706	10,283	17,359	12,656	16,261	25,111	54.4
Total Rabi	90,902	130,223	104,050	71,685	117,781	68,908	-41.5
% change		43.3	-20.1	-31.1	64.3	-41.5	
April	10,430	11,919	14,535	15,730	8,606	8,354	-2.9
May	17,781	8,609	30,674	9,587	5,127	11,116	116.8
June	20,895	51,835	32,756	15,591	16,564	11,009	-33.5
FY Total	179,603	251,075	258,292	212,022	192,682	142,777	-25.9
% change		39.8	2.9	-17.9	-9.1	-25.9	
DAP							
April	2,943	6,967	2,935	1,450	2,289	616	-73.1
May	2,340	7,304	3,533	4,712	2,028	1,278	-37.0
June	4,257	6,527	14,851	1,235	3,429	7,108	107.3
July	8,488	5,343	13,532	5,133	2,046	4,835	136.3
August	2,541	6,536	9,673	5,641	816	6,872	742.3
September	4,232	8,906	7,816	6,317	486	1,393	186.5
Total Kharif	24,801	41,583	52,339	24,488	11,094	22,101	99.2
% change		67.7	25.9	-53.2	-54.7	99.2	
October	9,330	13,764	9,951	10,613	4,182	3,465	-17.1
November	9,084	17,985	5,325	4,506	8,535	3,053	-64.2
December	10,128	11,934	5,983	1,086	4,790	1,680	-64.9
January	2,620	3,560	1,824	1,282	2,628	963	-63.3
February	2,737	2,157	1,424	1,021	2,292	3,120	36.1
March	2,086	1,900	2,204	1,035	1,090	2,485	128.0
Total Rabi	35,985	51,300	26,712	19,543	23,516	14,767	-37.2
% change		42.6	-47.9	-26.8	20.3	-37.2	
April	6,967	2,935	1,450	2,289	616	1,960	218.1
May	7,304	3,533	4,712	2,028	1,278	5,553	334.4
June	6,527	14,851	1,235	3,429	7,108	4,526	-36.3
FY Total	72,044	93,404	65,128	44,380	35,866	39,905	11.3
% change		29.6	-30.3	-31.9	-19.2	11.3	

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
PUNJAB												
Kharif 2023												
April	264,993	34,693	36,537	47,923	1,225	-	1,979	-	452	1,381	597	389,779
May	317,725	52,452	64,602	57,114	5,750	-	2,411	245	103	1,586	62	502,049
June	417,401	114,839	104,648	51,621	7,699	-	1,157	51	9	716	446	698,586
July	425,379	78,441	43,995	56,317	7,180	-	2,321	15	1,182	2,472	409	617,711
Aug	414,706	188,963	186,954	59,463	9,480	-	8,784	78	2,076	2,702	7,802	881,008
Sep	371,621	81,065	53,259	52,709	5,441	-	5,774	68	1,522	1,702	1,881	575,043
Total	2,211,825	550,453	489,995	325,147	36,775	-	22,426	457	5,343	10,560	11,196	3,664,177
Rabi 2023-24												
Oct	297,378	123,802	28,246	32,327	12,367	-	2,098	48	2,547	443	2,352	501,608
Nov	417,311	200,767	84,839	50,968	11,039	-	2,648	83	1,307	1,786	1,547	772,295
Dec	438,537	95,345	40,202	55,569	6,613	-	3,892	418	376	8,273	342	649,567
Jan	417,387	45,966	35,317	59,211	3,458	-	6,398	179	571	1,620	714	570,821
Feb	370,787	88,448	56,294	51,794	6,342	-	5,987	217	1,435	13,628	3,342	598,275
Mar	468,288	73,825	31,372	50,957	3,514	-	4,743	16	479	4,018	2,281	639,494
Total	2,409,688	628,153	276,270	300,826	43,334	-	25,768	961	6,715	29,768	10,578	3,732,059
April	215,442	65,281	25,053	20,752	5,007	-	2,030	75	376	3,075	312	337,403
May	273,225	21,000	29,311	20,097	2,204	-	2,641	-	577	7,181	957	357,194
Jun	333,177	86,696	74,713	51,144	3,807	-	1,784	-	353	9,406	482	561,561
Fiscal Year 2023-24	4,443,239	1,149,599	689,556	561,308	76,454	-	49,102	1,198	12,800	56,305	22,420	7,061,980

Continued....

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
SINDH												
Kharif 2023												
April	110,914	13,826	9,683	14,025	10	-	106	-	438	158	1,307	150,467
May	109,489	9,647	12,640	19,677	61	-	144	15	450	104	402	152,629
June	147,247	30,976	20,006	19,344	1,243	-	111	-	-	372	287	219,585
July	167,358	24,759	9,188	18,116	60	-	144	-	348	225	446	220,643
Aug	180,387	55,962	53,607	17,050	330	-	1,178	1	50	262	3,452	312,279
Sep	155,044	21,677	11,113	23,103	255	-	455	4	-	127	624	212,401
Total	870,438	156,846	116,237	111,315	1,959	-	2,138	19	1,286	1,248	6,518	1,268,005
Rabi 2023-24												
Oct	144,259	28,420	9,989	9,371	301	-	37	19	93	92	200	192,781
Nov	164,485	69,071	38,111	19,962	1,293	-	609	18	3	411	609	294,571
Dec	156,056	36,401	17,081	31,980	283	-	223	25	36	1,227	1,523	244,835
Jan	149,120	17,877	16,106	16,483	65	-	1,037	33	48	1,255	2,320	204,344
Feb	124,027	29,088	18,506	16,018	218	-	868	25	821	1,251	319	191,141
Mar	138,139	26,059	17,200	31,636	196	-	752	-	25	609	806	215,423
Total	876,086	206,915	116,993	125,451	2,356	-	3,527	120	1,026	4,845	5,777	1,343,095
April	86,349	20,894	19,954	13,990	95	-	219	-	-	347	1,254	143,102
May	96,829	12,006	14,592	13,427	120	-	1,189	-	-	2,355	674	141,191
Jun	116,682	28,509	18,652	19,345	434	-	454	-	-	889	485	185,450
Fiscal Year 2023-24	1,678,734	370,721	244,099	230,482	3,649	-	7,166	124	1,424	9,050	12,711	2,558,161

Continued....

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
KP												
Kharif 2023												
April	23,786	1,630	1,234	-	140	-	8	-	-	617	12	27,425
May	26,745	2,573	3,338	-	150	-	-	-	1	304	-	33,110
June	29,137	5,205	3,599	-	730	-	16	-	-	155	26	38,867
July	23,622	4,525	2,289	-	1,245	-	35	-	-	558	36	32,309
Aug	39,890	11,204	6,173	-	1,225	-	178	-	11	-	316	58,996
Sep	22,437	3,571	2,072	-	785	-	-	-	-	182	135	29,182
Total	165,615	28,707	18,703	-	4,275	-	237	-	12	1,815	525	219,889
Rabi 2023-24												
Oct	14,985	5,123	3,406	-	2,388	-	-	-	-	160	70	26,132
Nov	25,730	5,381	4,257	-	1,457	-	-	-	-	40	42	36,907
Dec	21,810	4,736	904	-	1,288	-	5	-	20	208	60	29,031
Jan	25,913	2,008	1,275	-	990	-	243	-	38	-	448	30,914
Feb	33,924	4,540	1,205	-	637	-	255	-	28	608	308	41,505
Mar	37,023	4,196	1,497	-	660	-	105	-	-	735	2,546	46,761
Total	159,384	25,983	12,544	-	7,420	-	608	-	86	1,751	3,474	211,249
April	17,516	4,510	647	-	685	-	46	-	1	337	44	23,786
May	18,770	1,963	953	-	238	-	11	-	4	708	194	22,841
Jun	20,878	3,299	1,798	-	215	-	-	-	1	426	102	26,718
Fiscal Year 2023-24	302,495	55,054	26,474	-	11,813	-	878	-	103	3,961	4,301	405,081

Continued....

PROVINCE WISE AND MONTH WISE FERTILIZER OFFTAKE DURING KHARIF 2023, RABI 2023-24 AND FISCAL YEAR 2023-24

(Tonnes)

Month/ Season	UREA	DAP	NP	CAN	SSP	TSP	SOP	MAP	MOP	AS	NPK's	TOTAL
BALUCHISTAN												
Kharif 2023												
April	8,606	616	957	-	-	-	33	-	5	-	99	10,315
May	5,127	1,278	2,274	-	-	-	54	-	8	13	108	8,861
June	16,564	7,108	5,232	-	-	-	45	-	-	-	21	28,969
July	13,016	4,835	2,593	-	-	-	3	-	-	15	109	20,570
Aug	15,315	6,872	20,510	-	-	-	259	-	-	38	148	43,142
Sep	15,058	1,393	947	-	-	-	135	-	-	-	30	17,563
Total	73,686	22,101	32,512	-	-	-	529	-	13	65	515	129,421
Rabi 2023-24												
Oct	2,204	3,465	351	-	-	-	-	-	-	10	230	6,260
Nov	3,335	3,053	2,403	-	-	-	-	-	-	-	-	8,791
Dec	8,234	1,680	549	-	-	-	-	-	-	-	112	10,576
Jan	17,139	963	2,734	-	-	-	40	-	-	-	151	21,027
Feb	12,885	3,120	3,967	-	-	-	102	-	-	-	568	20,641
Mar	25,111	2,485	3,444	-	-	-	116	-	-	5	150	31,311
Total	68,908	14,767	13,449	-	-	-	258	-	-	15	1,211	98,607
April	8,354	1,960	2,726	-	-	-	6	-	-	-	54	13,100
May	11,116	5,553	2,079	-	-	-	106	-	42	105	35	19,036
Jun	11,009	4,526	6,353	-	-	-	39	-	5	8	63	22,003
Fiscal Year 2023-24	142,777	39,905	48,657	-	-	-	807	-	47	180	1,650	234,022
PAKISTAN												
Kharif 2023	3,321,564	758,108	657,446	436,461	43,010	-	25,330	476	6,654	13,688	18,754	5,281,491
Rabi 2023-24	3,524,606	875,961	421,340	426,937	53,109	-	30,160	1,082	7,827	36,379	21,039	5,398,440
Fiscal Year 2023-24	6,578,837	1,615,431	1,012,223	792,533	91,916	-	57,953	1,322	14,374	69,497	41,082	10,275,168

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2023 TO JUNE 2024

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
APRIL 2023				
Opening Balance	162,173	203,728	12,803	378,705
Domestic production	312,089	42,370	1,450	355,909
Imports	639	-	676	1,316
Total Availability	474,902	246,098	14,929	735,929
Offtake	224,419	33,659	1,931	260,008
Export	-	-	-	-
Adjustments (+)	827	1,275	1	2,102
Adjustments (-)	208	312	331	851
National Inventory	251,101	213,403	12,669	477,173
MAY 2023				
Opening Balance	251,101	213,403	12,669	477,173
Domestic production	272,965	48,763	1,415	323,143
Imports	6,415	15,999	-	22,413
Total Availability	530,481	278,165	14,083	822,729
Offtake	261,756	48,229	1,749	311,733
Export	-	-	-	-
Adjustments (+)	4,618	4,640	1	9,259
Adjustments (-)	401	62	247	709
National Inventory	272,943	234,514	12,089	519,546
JUNE 2023				
Opening Balance	272,943	234,514	12,089	519,546
Domestic production	295,408	38,582	789	334,779
Imports	9,131	22,788	252	32,171
Total Availability	577,482	295,885	13,129	886,496
Offtake	357,390	101,359	816	459,566
Export	-	-	-	-
Adjustments (+)	980	2,155	110	3,245
Adjustments (-)	771	1,961	22	2,754
National Inventory	220,301	194,720	12,402	427,422

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2023 TO JUNE 2024

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
JULY 2023				
Opening Balance	220,301	194,720	12,402	427,422
Domestic production	317,080	47,208	770	365,057
Imports	837	154	1,541	2,532
Total Availability	538,217	242,081	14,712	795,011
Offtake	343,288	65,111	2,333	410,731
Export	-	-	-	-
Adjustments (+)	11,160	18,063	501	29,724
Adjustments (-)	147	156	1	303
National Inventory	205,943	194,878	12,880	413,701
AUGUST 2023				
Opening Balance	205,943	194,878	12,880	413,701
Domestic production	307,589	48,803	581	356,973
Imports	627	239	2,032	2,898
Total Availability	514,160	243,919	15,493	773,571
Offtake	429,818	186,700	8,429	624,948
Export	-	-	-	-
Adjustments (+)	45,756	32,942	1	78,699
Adjustments (-)	46,891	34,327	1	81,218
National Inventory	83,207	55,834	7,063	146,104
SEPTEMBER 2023				
Opening Balance	83,207	55,834	7,063	146,104
Domestic production	303,175	49,205	1,250	353,629
Imports	8,774	20,399	1,724	30,896
Total Availability	395,155	125,438	10,036	530,630
Offtake	314,829	66,781	4,596	386,206
Export	-	-	-	-
Adjustments (+)	20,112	7,228	82	27,421
Adjustments (-)	21,231	9,619	-	30,851
National Inventory	79,206	56,266	5,522	140,995

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2023 TO JUNE 2024

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
OCTOBER 2023				
Opening Balance	79,206	56,266	5,522	140,995
Domestic production	298,768	53,482	1,325	353,575
Imports	31,435	79,321	3,426	114,181
Total Availability	409,409	189,069	10,273	608,751
Offtake	260,951	87,009	3,170	351,131
Export	-	-	-	-
Adjustments (+)	19,986	7,863	-	27,849
Adjustments (-)	19,793	8,474	3	28,270
National Inventory	148,650	101,449	7,100	257,199
NOVEMBER 2023				
Opening Balance	148,650	101,449	7,100	257,199
Domestic production	314,420	51,754	833	367,008
Imports	22,340	56,603	2,893	81,836
Total Availability	485,411	209,805	10,825	706,042
Offtake	380,043	160,832	2,816	543,692
Export	-	-	-	-
Adjustments (+)	11,791	11,910	-	23,701
Adjustments (-)	19,691	13,403	79	33,174
National Inventory	97,468	47,480	7,930	152,877
DECEMBER 2023				
Opening Balance	97,468	47,480	7,930	152,877
Domestic production	312,026	54,654	759	367,439
Imports	35,588	29,839	1,570	66,996
Total Availability	445,081	131,973	10,259	587,313
Offtake	352,431	79,294	2,747	434,472
Export	-	-	-	-
Adjustments (+)	20,378	8,349	246	28,973
Adjustments (-)	21,403	11,547	-	32,949
National Inventory	91,625	49,481	7,758	148,864

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2023 TO JUNE 2024

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
JANUARY 2024				
Opening Balance	91,625	49,481	7,758	148,864
Domestic production	320,249	34,353	2,149	356,751
Imports	106,269	41,386	3,124	150,780
Total Availability	518,143	125,221	13,031	656,395
Offtake	327,499	44,983	5,017	377,499
Export	-	-	-	-
Adjustments (+)	20,029	7,959	534	28,522
Adjustments (-)	23,645	16,285	134	40,064
National Inventory	187,029	71,912	8,414	267,354
FEBRUARY 2024				
Opening Balance	187,029	71,912	8,414	267,354
Domestic production	300,402	52,284	2,030	354,715
Imports	17,627	37,690	2,285	57,602
Total Availability	505,057	161,885	12,729	679,671
Offtake	312,487	78,442	5,865	396,794
Export	-	-	-	-
Adjustments (+)	40,770	2,967	230	43,967
Adjustments (-)	48,239	10,283	3	58,525
National Inventory	185,101	76,127	7,090	268,319
MARCH 2024				
Opening Balance	185,101	76,127	7,090	268,319
Domestic production	319,062	56,886	2,253	378,201
Imports	4,301	9,292	2,757	16,351
Total Availability	508,464	142,306	12,100	662,870
Offtake	365,679	65,708	4,184	435,571
Export	-	-	-	-
Adjustments (+)	93,271	11,315	-	104,586
Adjustments (-)	96,473	8,167	67	104,708
National Inventory	139,583	79,745	7,849	227,177

Continued....

MONTH-WISE NUTRIENT SUPPLY / DEMAND SITUATION FROM APRIL 2023 TO JUNE 2024

	(Tonnes)			
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
APRIL 2024				
Opening Balance	139,583	79,745	7,849	227,177
Domestic production	289,840	47,794	1,530	339,164
Imports	16,937	29,383	1,307	47,627
Total Availability	446,360	156,922	10,686	613,968
Offtake	188,286	53,792	1,641	243,719
Export	-	-	-	-
Adjustments (+)	18,219	7,221	62	25,502
Adjustments (-)	20,141	6,304	7	26,452
National Inventory	256,152	104,046	9,100	369,298
MAY 2024				
Opening Balance	256,152	104,046	9,100	369,298
Domestic production	266,470	55,272	1,060	322,802
Imports	11,715	29,021	3,378	44,115
Total Availability	534,337	188,340	13,538	736,215
Offtake	212,776	28,957	2,693	244,426
Export	-	-	-	-
Adjustments (+)	20,045	6,870	101	27,016
Adjustments (-)	21,102	6,825	50	27,976
National Inventory	320,504	159,428	10,896	490,828
JUNE 2024				
Opening Balance	320,504	159,428	10,896	490,828
Domestic production	274,755	49,165	1,203	325,123
Imports	2,547	-	2,155	4,702
Total Availability	597,806	208,593	14,254	820,653
Offtake	287,311	77,996	1,571	366,877
Export	-	-	-	-
Adjustments (+)	18,550	8,141	1	26,692
Adjustments (-)	21,592	8,144	113	29,849
National Inventory	307,453	130,594	12,572	450,618

NUTRIENT WISE SUPPLY DEMAND SITUATION DURING FISCAL YEAR 2023-24

DESCRIPTION	(Tonnes)			
	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	220,301	194,720	12,402	427,422
Domestic Production	3,623,834	600,859	15,744	4,240,437
Imports	258,998	333,327	28,192	620,517
Total Availability	4,103,133	1,128,906	56,338	5,288,376
Offtake	3,775,398	995,606	45,063	4,816,067
Export	-	-	-	-
Adjustments(+/-)	-20,282	-2,706	1,297	-21690
Closing Balance	307,453	130,594	12,572	450,619

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2023 TO JUNE 2024

(Tonnes)

Product	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
APRIL 2023												
Opening Balance	69,147	1,420	387,601	23,373	274,653	0	15,165	13,169	5,217	50	2,801	792,596
Domestic Production	580,146	73,877	66,118	6,224	59,138	0	1,255	5,486	0	0	0	792,244
Import	0	0	0	0	0	0	661	0	576	0	3,045	4,282
Total Availability	649,293	75,297	453,719	29,597	333,791	-	17,080	18,655	5,793	50	5,846	1,589,121
Offtake	408,297	61,948	48,410	1,375	50,764	0	2,127	2,015	895	0	2,156	577,987
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	712	1	0	0	2,771	0	1	0	0	0	1	3,486
Adjustment (-)	2	0	602	0	415	0	661	0	0	0	1	1,682
Closing Balance	241,706	13,350	404,707	28,222	285,383	-	14,293	16,639	4,898	50	3,689	1,012,939
MAY 2023												
Opening balance	241,706	13,350	404,707	28,222	285,383	-	14,293	16,639	4,898	50	3,689	1,012,939
Domestic Production	492,819	72,366	62,397	7,208	74,282	0	1,551	3,550	0	0	0	714,173
Import	0	0	0	0	34,103	0	0	0	0	624	1,018	35,745
Total Availability	734,525	85,716	467,104	35,430	393,768	-	15,844	20,189	4,898	674	4,708	1,762,857
Offtake	459,087	76,792	82,853	5,961	65,950	0	2,609	571	562	260	2,006	696,650
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	2,395	0	12,000	0	4,869	0	1	1	0	0	1	19,267
Adjustment (-)	501	500	290	0	8	0	13	0	400	0	0	1,712
Closing balance	277,333	8,425	395,961	29,469	332,679	-	13,224	19,619	3,937	414	2,702	1,083,762
JUNE 2023												
Opening Balance	277,333	8,425	395,961	29,469	332,679	-	13,224	19,619	3,937	414	2,702	1,083,762
Domestic Production	548,455	72,794	68,296	8,309	50,929	0	1,577	0	0	0	0	750,360
Import	0	0	0	0	49,539	0	504	0	0	0	1,021	51,064
Total Availability	825,788	81,219	464,257	37,778	433,147	-	15,305	19,619	3,937	414	3,724	1,885,186
Offtake	610,348	70,965	133,485	9,672	158,127	0	1,330	779	9	51	1,243	986,009
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)	1	0	890	0	4,130	0	86	337	0	0	0	5,444
Adjustment (-)	8	0	0	3	4,217	0	15	79	0	5	0	4,326
Closing Balance	215,433	10,254	331,662	28,104	274,933	-	14,046	19,098	3,928	358	2,481	900,295

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2023 TO JUNE 2024

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
JULY, 2023												
Opening Balance	215,433	10,254	331,662	28,104	274,933	-	14,046	19,098	3,928	358	2,481	900,295
Domestic production	589,373	72,265	64,137	5,455	72,605	-	1,540	-	-	-	-	805,375
Imports	-	-	-	-	-	-	1,992	-	908	308	3,840	7,048
Total Availability	804,806	82,519	395,799	33,559	347,538	0	17,577	19,098	4,836	666	6,320	1,712,718
Offtake	629,375	74,433	58,065	8,485	112,559	-	2,503	1,000	1,530	15	3,269	891,234
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	2	503	1	1	2,383	-	2	947	2	1	393	4,236
Adjustments (-)	185	-	1	-	338	-	2	1,380	-	2	5	1,913
National Inventory	175,248	8,589	337,735	25,075	237,024	0	15,073	17,665	3,308	650	3,440	823,807
AUGUST 2023												
Opening Balance	175,248	8,589	337,735	25,075	237,024	0	15,073	17,665	3,308	650	3,440	823,807
Domestic production	563,400	75,162	71,984	4,137	68,482	-	1,163	-	-	-	-	784,328
Imports	-	-	-	-	378	-	2,503	-	1,300	130	2,601	6,912
Total Availability	738,648	83,751	409,719	29,212	305,884	0	18,739	17,665	4,608	780	6,041	1,615,046
Offtake	650,298	76,513	267,244	11,035	263,002	-	10,399	11,717	2,137	79	3,002	1,295,425
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	8,198	35,491	141,902	-	663	-	-	-	1	-	-	186,256
Adjustment (-)	9,486	35,492	141,904	-	3,672	-	1	-	-	-	-	190,556
National Inventory	87,063	7,237	142,473	18,177	39,873	0	8,339	5,948	2,472	701	3,039	315,321
SEPTEMBER, 2023												
Opening Balance	87,063	7,237	142,473	18,177	39,873	0	8,339	5,948	2,472	701	3,039	315,321
Domestic production	554,224	73,757	72,892	6,100	66,870	-	1,588	2,530	-	-	-	777,961
Imports	-	-	-	-	44,006	-	264	-	2,653	312	3,913	51,148
Total Availability	641,287	80,994	215,365	24,277	150,749	0	10,191	8,478	5,125	1,013	6,952	1,144,431
Offtake	564,160	75,812	67,390	6,481	107,706	-	6,364	2,671	1,522	71	2,011	834,188
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	9,635	32,683	31,098	-	164	-	163	-	-	-	-	73,743
Adjustments (-)	10,035	32,683	31,098	-	5,362	-	-	-	-	-	-	79,178
National Inventory	76,727	5,182	147,975	17,795	37,846	0	3,990	5,807	3,603	942	4,941	304,807

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2023 TO JUNE 2024

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
OCTOBER, 2023												
Opening Balance	76,727	5,182	147,975	17,795	37,846	0	3,990	5,807	3,603	942	4,941	304,807
Domestic production	537,253	79,772	76,726	11,419	72,149	-	1,725	2,570	-	-	-	781,613
Imports	-	-	-	-	172,165	-	2,510	-	3,618	250	2,000	180,543
Total Availability	613,980	84,954	224,701	29,214	282,159	0	8,225	8,377	7,221	1,192	6,941	1,266,963
Offtake	458,826	41,698	41,993	15,056	160,809	-	2,136	2,851	2,640	67	705	726,781
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	9,634	37,333	33,125	-	531	-	-	-	-	0	-	80,623
Adjustments (-)	8,694	37,333	33,125	-	1,860	-	4	-	1	-	143	81,160
National Inventory	156,094	43,256	182,708	14,158	120,021	0	6,085	5,526	4,580	1,125	6,093	539,646
NOVEMBER 2023												
Opening Balance	156,094	43,256	182,708	14,158	120,021	0	6,085	5,526	4,580	1,125	6,093	539,646
Domestic production	574,070	77,330	76,004	9,225	70,897	-	1,666	-	-	-	-	809,192
Imports	-	-	-	-	123,049	-	3,485	-	1,917	-	912	129,363
Total Availability	730,164	120,586	258,712	23,382	313,967	0	11,237	5,526	6,497	1,125	7,005	1,478,201
Offtake	610,860	70,930	129,610	13,789	278,271	-	3,258	2,199	1,310	101	2,237	1,112,565
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	6,043	34,894	31,076	-	10,353	-	-	-	1	-	-	82,367
Adjustments (-)	6,013	34,894	31,090	-	13,592	-	159	-	-	-	-	85,748
National Inventory	119,333	49,656	129,088	9,594	32,457	0	7,820	3,327	5,188	1,024	4,768	362,255
DECEMBER, 2023												
Opening Balance	119,333	49,656	129,088	9,594	32,457	0	7,820	3,327	5,188	1,024	4,768	362,255
Domestic production	564,904	76,379	83,529	10,922	72,775	-	1,519	-	-	-	-	810,028
Imports	47,648	-	-	-	64,867	-	3,139	-	-	-	9,494	125,148
Total Availability	731,885	126,035	212,617	20,516	170,099	0	12,478	3,327	5,188	1,024	14,262	1,297,431
Offtake	627,886	87,771	59,172	8,184	138,214	-	4,120	2,037	432	443	9,708	937,967
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	10,191	36,274	34,324	-	988	-	437	1	45	-	-	82,261
Adjustments (-)	9,706	36,274	34,324	-	7,902	-	-	-	-	33	-	88,239
National Inventory	104,485	38,264	153,444	12,331	24,972	0	8,795	1,291	4,802	548	4,554	353,486

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2023 TO JUNE 2024

Description	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
JANUARY, 2024												
Opening Balance	104,485	38,264	153,444	12,331	24,972	-	8,795	1,291	4,802	548	4,554	353,486
Domestic production	600,035	72,910	84,351	4,169	29,183	-	2,224	5,185	-	-	-	798,057
Imports	172,576	-	-	-	89,970	-	3,905	-	1,953	-	50,904	319,308
Total Availability	877,096	111,174	237,795	16,500	144,125	-	14,924	6,476	6,755	548	55,458	1,470,851
Offtake	612,897	75,906	55,472	4,513	66,814	-	7,718	3,633	657	212	2,876	830,699
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	9,860	30,025	32,657	-	974	-	899	-	678	-	-	75,093
Adjustments (-)	10,332	30,025	33,440	-	18,429	-	-	680	1	-	223	93,130
National Inventory	263,727	35,268	181,540	11,987	59,855	-	8,105	2,163	6,775	336	52,359	622,115
FEBRUARY 2024												
Opening Balance	263,727	35,268	181,540	11,987	59,855	0	8,105	2,163	6,775	336	52,359	622,115
Domestic production	549,663	67,159	71,020	6,905	72,398	-	1,476	7,309	-	-	-	775,930
Imports	-	-	-	-	81,935	-	3,371	-	999	-	13,707	100,012
Total Availability	813,390	102,427	252,560	18,892	214,188	0	12,952	9,472	7,774	336	66,067	1,498,058
Offtake	543,389	67,925	80,749	7,197	125,221	-	7,212	4,537	2,284	242	15,487	854,243
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustments (+)	66,996	33,651	31,591	-	6,231	-	190	674	-	-	1	139,334
Adjustments (-)	67,187	33,651	32,570	-	6,070	-	2	-	3	-	-	139,483
National Inventory	269,810	34,502	170,832	11,696	89,128	-	5,928	5,609	5,487	94	50,581	643,666
MARCH 2024												
Opening Balance	269,810	34,502	170,832	11,696	89,128	-	5,928	5,609	5,487	94	50,581	643,666
Domestic production	575,286	79,325	84,924	7,606	75,725	-	2,275	5,908	-	-	-	831,049
Imports	-	-	-	-	20,201	-	3,515	-	1,666	-	3,167	28,549
Total Availability	845,096	113,827	255,756	19,302	185,054	0	11,718	11,517	7,153	94	53,748	1,503,263
Offtake	670,748	82,706	54,344	4,371	106,632	-	5,717	5,782	504	16	5,367	936,187
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+)	171,269	36,274	34,324	-	339	-	345	-	-	-	10	242,561
Adjustments (-)	171,797	36,274	34,427	1	541	-	78	-	47	-	-	243,165
National Inventory	173,820	31,121	201,308	14,930	78,220	0	6,268	5,735	6,602	78	48,391	566,472

Continued....

TOTAL PRODUCT-WISE SUPPLY/DEMAND SITUATION DURING APRIL 2023 TO JUNE 2024

(Tonnes)

Product	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
APRIL 2024												
Opening Balance	173,820	31,121	201,308	14,930	78,220	0	6,268	5,735	6,602	78	48,391	566,472
Domestic Production	523,551	74,322	79,648	7,100	65,807	-	2,431	2,100	-	-	-	754,959
Import	-	-	-	-	63,876	-	1,512	-	919	-	25,900	92,207
Total Availability	697,371	105,443	280,956	22,030	207,904	0	10,211	7,835	7,521	78	74,291	1,413,638
Offtake	327,797	34,742	48,945	5,787	92,644	-	2,302	1,662	377	75	3,759	518,092
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	8,684	33,028	31,488	-	2,006	-	112	-	10	-	-	75,329
Adjustment (-)	10,725	33,027	31,488	-	13	-	4	2	7	-	6,390	81,656
Closing Balance	367,533	70,702	232,011	16,243	117,252	-	8,016	6,171	7,146	2	64,143	889,219
MAY 2024												
Opening balance	367,533	70,702	232,011	16,243	117,252	0	8,016	6,171	7,146	2	64,143	889,219
Domestic Production	462,615	76,410	89,164	6,620	78,800	-	2,120	-	-	-	-	715,729
Import	-	-	-	-	63,090	-	6,757	-	-	-	1,710	71,557
Total Availability	830,148	147,112	321,175	22,863	259,142	0	16,893	6,171	7,146	2	65,852	1,676,505
Offtake	399,970	33,527	47,298	2,562	40,521	-	3,947	1,860	623	-	10,349	540,658
Export	-	-	-	-	-	-	-	-	-	-	-	0
Adjustment (+)	9,780	33,034	33,436	-	397	-	200	-	1	-	5,627	82,475
Adjustment (-)	14,548	33,034	33,871	-	110	-	100	-	-	-	5	81,668
Closing balance	425,410	113,585	273,442	20,301	218,908	0	13,046	4,311	6,524	2	61,125	1,136,654
JUNE 2024												
Opening Balance	425,410	113,585	273,442	20,301	218,908	-	13,046	4,311	6,524	2	61,125	1,136,654
Domestic Production	497,105	63,211	76,946	6,774	69,989	-	1,840	1,572	-	-	-	717,437
Import	-	-	-	-	-	-	1,784	-	2,106	-	12,130	16,020
Total Availability	922,515	176,796	350,388	27,075	288,897	-	16,670	5,883	8,630	2	73,255	1,870,111
Offtake	482,632	70,569	101,940	4,456	123,038	-	2,277	1,132	359	-	10,729	797,130
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)	5,837	31,084	35,317	-	39	-	1	1	-	-	30	72,309
Adjustment (-)	15,075	31,084	35,317	20	39	-	225	-	-	-	1	81,761
Closing Balance	430,645	106,227	248,448	22,599	165,859	-	14,169	4,752	8,272	2	62,556	1,063,529

PRODUCT WISE SUPPLY / DEMAND SITUATION DURING FISCAL YEAR 2023-24

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	215,433	10,254	331,662	28,104	274,933	-	14,046	19,098	3,928	358	2,481	900,295
Domestic Production	6,591,479	888,002	931,325	86,432	815,680	-	21,567	27,174	-	-	-	9,361,659
Imports	220,224	-	-	-	723,537	-	34,737	-	18,039	1,000	130,278	1,127,815
Total Availability	7,027,136	898,256	1,262,987	114,536	1,814,150	0	70,350	46,272	21,966	1,358	132,759	11,389,769
Offtake	6,578,838	792,533	1,012,223	91,916	1,615,431	-	57,953	41,082	14,374	1,322	69,497	10,275,169
Exports	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments (+/-)	-17,653	504	-2,316	-21	-32,859	0	1,773	-438	679	-33	-705	-51,070
Closing Balance	430,645	106,227	248,448	22,599	165,859	-	14,169	4,752	8,272	2	62,556	1,063,529

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2023-24**

(Tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	7,447	2,892	22	10,362	245	42
Bahawalpur	134,955	38,777	967	174,699	789	221
Bhakkar	30,219	7,484	252	37,955	850	45
Bahawal Nagar	128,871	31,323	783	160,977	971	166
Chakwal	1,527	683	1	2,210	268	8
Chiniot	48,330	12,949	875	62,154	277	224
Dera Ghazi Khan	69,448	15,884	268	85,600	488	175
Faisalabad	86,841	23,021	1,033	110,895	671	165
Gujranwala	113,311	30,468	1,051	144,830	579	250
Gujrat	6,100	2,424	183	8,707	310	28
Hafizabad	42,209	11,064	367	53,641	338	159
Islamabad	7,945	3,011	78	11,034	39	283
Jhang	104,848	24,623	890	130,361	728	179
Jhelum	722	233	2	956	111	9
Kasur	76,043	21,152	625	97,821	479	204
Khanewal	92,187	25,290	750	118,228	605	195
Khushab	15,352	3,248	219	18,820	430	44
Lahore	33,488	8,591	249	42,327	156	271
Layyah	65,898	16,449	438	82,785	668	124
Lodran	70,385	18,839	931	90,155	450	201
MandiBahauddin	61,954	15,074	608	77,636	320	243
MuzaffarGarh	92,088	25,544	756	118,389	643	184
Mianwali	27,320	4,799	69	32,188	417	77
Multan	218,521	50,164	1,587	270,273	458	590
Nankana	37,020	10,410	319	47,749	313	153
Narowal	54,350	15,283	246	69,878	223	314
Okara	137,880	34,831	1,405	174,116	601	290
Pakpattan	81,671	20,576	1,043	103,291	430	240
Rahim Yar Khan	200,899	55,034	1,878	257,811	805	320
Rajanpur	64,512	15,046	334	79,892	487	164
Rawalpindi	12,953	2,910	31	15,893	192	83
Sahiwal	93,057	24,172	1,127	118,356	427	277
Sargodha	57,034	14,412	1,200	72,646	683	106
Sheikhupura	63,920	17,827	552	82,299	575	143
Sialkot	22,098	6,846	234	29,178	419	70
Toba Tek Singh	60,042	17,092	767	77,901	425	183
Vehari	119,745	28,859	1,318	149,922	649	231
New distributors	27,232	43,860	12,786	83,878	-	-
PUNJAB	2,568,423	701,145	36,243	3,305,811	17,520	188.7

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.

Continued....

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2023-24**

(Tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	49712	11500	408	61,620	241	256
Dadu	36178	7462	207	43,847	129	339
Ghotki	76359	18803	488	95,650	271	353
Hyderabad	26314	6399	263	32,977	37	882
Jacobabad	29910	5147	63	35,119	156	225
Jamshoro	5332	1215	6	6,553	77	85
Karachi	23806	6165	445	30,416	6	5155
Kashmore	25109	6744	79	31,931	147	218
Khairpur	46172	11404	120	57,697	287	201
Larkana	26405	5421	203	32,030	161	199
Mirpurkhas	80509	18903	664	100,076	189	529
Matiari	35097	8137	594	43,828	128	344
Noshero Feroz	126855	23139	568	150,562	180	837
Shaheed Benazir Abad	54477	12270	438	67,185	218	309
Sanghar	94156	22912	771	117,840	272	433
Qamber Shahdad Kot	26794	6485	187	33,466	110	303
Shikarpur	21265	5506	47	26,818	137	196
Sujawal	6153	1259	8	7,420	-	-
Sukkur	28586	6338	195	35,118	114	308
Tando Allah Yar	29332	6233	464	36,029	112	322
Tharparkar	212	27	5	244	227	1
Thatta	35546	5857	268	41,670	177	236
Tando Muhammad khan	26151	5566	175	31,892	51	627
Umerkot	10693	2446	47	13,186	95	139
New distributors	36,758	22,419	-	59,177	-	-
SINDH	957,881	227,758	6,712	1,192,351	3520	339

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.

Continued....

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2023-24**

(Tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	9,750	1,793	100	11,644	44	266
Bajaur	554	143	5	702	72	10
Bannu	1,275	401	-	1,677	40	42
Battagram	182	52	-	234	29	8
Buner	597	668	95	1,360	104	13
Charsadha	11,230	2,699	126	14,055	91	154
Chitral	-	-	-	-	27	0
Dera Ismail Khan	18,581	6,045	90	24,715	89	277
Dir upper	1,435	301	21	1,757	45	39
Dir lower	5,421	1,339	-	6,760	70	96
Hangu	-	-	-	-	19	0
Haripur	1,827	546	25	2,398	83	29
Karak	-	-	-	-	43	0
Khyber	55	18	-	74	18	4
Kohat	623	144	14	780	33	23
Kohistan	-	-	-	-	26	0
Kurram	1,037	144	44	1,225	42	29
Lakki Marwat	968	290	-	1,259	42	30
Malakand	744	118	24	886	49	18
Mansehra	6,272	1,464	190	7,926	88	91
Mardan	35,061	5,142	176	40,379	109	369
Mohmand	240	53	-	293	13	23
North Waziristan	-	-	-	-	14	0
Nowshera	2,295	522	12	2,828	48	59
Orakzai	-	-	-	-	13	0
Peshawar	24,577	3,471	106	28,154	106	267
South Waziristan	-	-	-	-	19	0
Shangla	624	493	-	1,117	81	14
Swabi	4,151	330	105	4,586	84	54
Swat	19,533	5,210	108	24,851	173	144
Tank	147	35	-	182	21	10
New distributors	9181	4963	-	14,144	-	-
KP	156,362	36,383	1,239	193,984	1734	111.9

Continued....

**DISTRICT -WISE, NUTRIENT WISE FERTILIZER OFFTAKE AND USE PER HECTARE
DURING 2023-24**

(Tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Awaran	78	37	0	115	36	3
Barkhan	1377	173	22	1,571	36	43
Kachhi (Bolan)	526	138	0	664	67	10
Chaghi	316	0	0	316	16	20
Chaman	0	0	0	-	0	-
Dera Bugti	57	9	0	66	47	1
Gwadar	0	0	0	-	3	-
Harnai	1648	641	17	2,306	8	276
Jafarabad	19838	5625	160	25,622	198	129
Jhal Magsi	360	108	0	468	113	4
Kalat	628	135	34	796	19	43
Kech (Turbat)	0	0	0	-	48	-
Kharan	1225	146	16	1,387	35	40
Khuzdar	8014	2339	90	10,442	107	98
Kohlu	0	0	0	-	18	-
Lasbela	10787	2394	64	13,245	80	165
Loralai	5704	2366	1	8,070	31	264
Mastung	0	0	0	-	14	-
Musakhel	0	0	0	-	7	-
Nasirabad	6814	2195	103	9,112	243	38
Nushki	142	11	0	153	19	8
Panjgur	0	0	0	-	31	-
Pishin	7359	2179	125	9,663	26	370
Qila Saifullah	3850	1124	30	5,005	63	79
Qila Abdullah	237	41	0	278	12	23
Quetta	13907	5863	57	19,827	8	2,376
Shirani	-	-	-	-	3	-
Sibi	1326	605	34	1,965	34	57
Sohbatpur	47	14	0	61	0	-
Washuk	0	0	0	-	22	-
Zhob	0	0	0	-	20	-
Ziarat	0	0	0	-	5	-
Shaheed Sikanader Abad	-	-	-	-	-	-
New Distributer	2,234	3,271	-	5,505	-	-
Balochistan	86,471	29,413	751	116,635	1,371	85.1
Pakistan	3,775,398	995,606	45,063	4,816,067	24,145	199.5

1-Quetta and Pishin 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.

DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2023-24

(Tonnes)

DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	11,380	1,748	4,652	3,990	-	-	-	4	-	-	20	-	21,793
Bahawalpur	228,584	34,888	39,677	65,157	25	-	-	530	102	1,292	793	-	371,048
Bhakkar	56,991	2,760	5,035	12,351	-	-	3,570	353	3	181	192	-	81,437
Bahawal Nagar	229,261	28,108	29,596	53,560	-	-	890	425	120	726	541	-	343,226
Chakwal	1,998	113	2,224	372	-	-	-	1	-	-	-	-	4,708
Chiniot	88,409	4,195	12,490	21,473	-	-	521	540	254	403	1,360	-	129,644
Dera Ghazi Khan	131,021	8,826	6,946	31,141	-	-	70	154	9	162	344	-	178,672
Faisalabad	156,711	10,546	23,735	38,129	6	-	1,703	1,048	78	512	432	-	232,900
Gujranwala	207,029	8,936	35,851	47,159	-	-	3,208	934	285	731	891	-	305,024
Gujrat	10,403	268	1,640	4,767	-	-	170	14	-	75	-	-	17,336
Hafizabad	78,627	4,063	7,134	19,844	-	-	1,990	374	25	179	249	-	112,486
Islamabad	10,744	6,457	1,386	5,771	-	-	-	71	-	165	219	-	24,813
Jhang	190,659	17,979	26,942	38,761	-	-	4,976	627	177	361	439	-	280,921
Jhelum	1,329	-	150	431	-	-	-	3	-	-	-	-	1,913
Kasur	135,875	10,684	18,305	37,439	-	-	-	511	77	99	107	-	203,097
Khanewal	161,671	18,795	23,510	43,590	-	-	623	558	35	131	458	-	249,371
Khushab	30,730	233	1,021	5,400	-	-	2,155	79	6	120	777	-	40,520
Lahore	61,109	3,772	8,256	14,461	163	-	-	230	43	45	167	-	88,246
Layyah	96,289	46,854	22,636	24,572	-	-	280	252	15	211	513	-	191,622
Lodran	122,138	16,371	19,842	31,577	-	-	-	664	223	320	530	-	191,665
Mandi Bahauddin	109,894	9,476	24,308	19,924	-	-	1,804	332	59	180	1,009	-	166,986
Muzaffar Garh	152,666	32,508	24,601	43,784	1	-	190	590	21	267	423	-	255,052
Mianwali	53,632	1,250	5,152	6,237	-	-	4,140	15	-	40	169	-	70,634
Multan	306,537	142,138	94,447	55,646	284	-	14,606	1,229	244	1,202	2,134	-	618,467
Nankana	68,733	2,262	6,116	19,783	-	-	15	300	8	46	162	-	97,425
Narowal	101,361	4,792	9,295	24,752	-	-	10,161	200	78	23	73	-	150,735
Okara	252,061	16,419	33,312	57,123	-	-	4,906	1,089	431	613	1,491	-	367,445
Pakpattan	142,549	17,189	26,904	31,608	-	-	139	791	205	358	852	-	220,595
Rahim Yar Khan	353,581	40,544	45,646	97,132	-	-	600	1,243	255	971	2,308	-	542,281
Rajanpur	121,535	6,614	10,285	27,711	-	-	-	288	-	90	313	-	166,835
Rawalpindi	20,802	6,626	3,762	4,440	-	-	-	50	-	-	23	-	35,704
Sahiwal	167,701	11,345	26,942	39,289	-	-	1,104	1,203	79	135	446	-	248,244
Sargodha	99,933	9,750	23,132	18,922	-	-	2,099	1,217	45	421	1,595	-	157,114
Sheikhupura	115,839	7,047	13,236	32,527	-	-	60	405	64	130	302	-	169,610
Sialkot	38,503	3,936	5,745	11,835	-	-	90	101	84	58	482	-	60,834
Toba Tek Singh	106,035	8,177	19,229	27,580	-	-	-	490	15	270	1,250	-	163,045
Vehari	220,921	15,643	26,416	47,369	-	-	6,559	880	258	335	1,356	-	319,738
New distributors	-	-	-	83,993	718	-	9,825	31,306	9,502	45,454	-	-	180,798
Punjab Total	4,443,239	561,308	689,556	1,149,599	1,198	-	76,454	49,102	12,800	56,305	22,420	-	7,061,980

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. FFBL, 5. PAK Arab, 6. Fatima Fertilizer Ltd. 7. RCL, 8. Agritech, 9. Fatima Fert, 10. JBL.

Continued....

DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2023-24

(Tonnes)

DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	94,136	4,246	7,077	21,976	-	-	-	289	0	136	358	2	128,220
Dadu	70,220	2,274	4,484	14,324	-	-	-	178	0	78	182	82	91,822
Ghotki	143,081	13,437	17,900	32,618	-	-	1,103	332	21	87	319	13	208,911
Hyderabad	45,802	7,754	8,358	9,956	-	-	700	159	0	-	525	5	73,259
Jacobabad	56,387	4,706	8,006	7,628	-	-	200	88	0	47	25	127	77,214
Jamshoro	10,234	330	541	2,361	-	-	-	5	0	-	20	-	13,491
Karachi	43,253	2,640	6,924	10,316	-	-	401	1,003	0	-	74	-	64,610
Kashmore	48,721	40	1,213	13,964	-	-	263	119	0	8	33	79	64,440
Khairpur	90,172	6,332	8,316	20,597	-	-	-	194	0	38	101	13	125,763
Larkana	51,155	1,487	4,098	9,739	-	-	60	249	0	17	184	59	67,047
Mirpurkhas	132,893	35,751	48,722	19,109	-	-	-	585	1	350	1,405	7	238,823
Matiali	57,209	14,175	15,276	9,841	-	-	-	218	0	313	2,272	26	99,330
Noshero Feroz	224,423	55,983	27,591	36,891	-	-	-	265	2	134	1,227	13	346,529
Shaheed Benazir Abad	104,590	10,580	11,184	21,691	-	-	-	573	1	78	279	3	148,979
Sanghar	162,368	35,062	32,318	34,332	-	-	-	655	6	296	2,250	46	267,333
Qambar Shahdad Kot	52,323	246	960	13,864	-	-	-	107	0	65	51	79	67,695
Shikarpur	37,110	5,228	6,785	9,080	-	-	-	80	0	132	15	-	58,429
Sujawal	12,306	-	-	2,736	-	-	-	17	-	-	-	-	15,059
Sukkur	55,409	1,532	1,929	12,953	-	-	-	208	0	87	67	-	72,186
Tando Allah Yar	46,630	14,737	17,172	4,634	-	-	-	398	0	198	2,359	4	86,131
Tharparkar	435	-	-	64	-	-	-	5	0	-	-	-	504
Thatta	71,317	8,758	7,665	8,811	-	-	-	183	0	161	857	31	97,782
Tando Muhammad Khan	51,522	401	1,063	11,804	-	-	-	148	0	-	19	-	64,957
Umerkot	17,037	4,782	6,518	2,308	-	-	-	31	0	-	89	-	30,765
New distributors	-	-	-	39,125	124	-	922	1,081	1,393	6,825	-	-	49,470
Sindh Total	1,678,734	230,482	244,099	370,721	124	-	3,649	7,166	1,424	9,050	12,711	589	2,558,749

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. FFBL, 5. PAK Arab, 6. Fatima Fertilizer Ltd. 7. RCL, 8. Agritech, 9. Fatima Fert, 10. JBL.

Continued....

DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2023-24

DISTRICTS	(Tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	KP												
Abbotabad	20,193	-	1,979	2,873	-	-	690	21	-	-	221	-	25,976
Bajaur agency	1,080	-	-	320	-	-	-	-	-	-	1	-	1,401
Bannu	2,293	-	453	646	-	-	-	-	-	-	-	-	3,392
Battagram	305	-	155	35	-	-	-	-	-	-	-	-	495
Buner	626	-	72	1,279	-	-	-	3	-	-	521	-	2,501
Charsadha	23,135	-	3,679	4,283	-	-	240	158	2	8	235	-	31,739
Chitral	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Ismail Khan	37,817	-	1,903	12,352	-	-	-	120	-	-	3	-	52,195
Dir lower	10,652	-	2,021	1,943	-	-	450	-	-	5	-	-	15,071
Dir upper	2,855	-	-	694	-	-	-	5	-	-	-	-	3,554
Hangu	-	-	-	-	-	-	-	-	-	-	-	-	-
Haripur	3,211	-	1,805	371	-	-	15	13	-	10	58	-	5,483
Karak	-	-	-	-	-	-	-	-	-	-	-	-	-
Khyber agency	80	-	80	-	-	-	-	-	-	-	-	-	160
Kohat	1,204	-	50	318	-	-	-	-	-	-	-	-	1,572
Kohistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Kurram agency	2,083	-	41	388	-	-	-	-	-	-	-	-	2,512
Lakki Marwat	1,858	-	-	631	-	-	-	-	-	-	-	-	2,489
Malakand	1,518	-	-	217	-	-	-	-	1	-	118	-	1,854
Mansehra	12,557	-	951	2,395	-	-	-	10	3	100	1,250	-	17,266
Mardan	75,337	-	1,673	7,433	-	-	6,855	210	49	240	857	-	92,654
Mohmand agency	477	-	-	115	-	-	-	-	-	-	-	-	592
North Waziristan agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Nowshera	4,989	-	150	1,085	-	-	-	-	-	-	-	-	6,224
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	53,379	-	1,357	6,625	-	-	1,700	-	-	-	30	-	63,091
South Waziristan agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Shangla	403	-	1,754	194	-	-	-	-	-	-	-	-	2,351
Swabi	9,031	-	40	535	-	-	-	75	-	-	619	-	10,300
Swat	37,122	-	8,310	6,821	-	-	1,863	117	-	15	388	-	54,636
Tank	291	-	-	75	-	-	-	-	-	-	-	-	366
New distributors	-	-	-	3,426	-	-	-	146	48	3,583	-	-	7,203
KP Total	302,495	-	26,474	55,054	-	-	11,813	878	103	3,961	4,301	-	405,078

Source: Respective Marketing Agencies.

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Continued....

DISTRICT-WISE PRODUCT-WISE FERTILIZER OFFTAKE DURING 2023-24

(Tonnes)

DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	90	-	160	-	-	-	-	-	-	-	-	-	250
Barkhan	2,840	-	-	390	-	-	-	30	-	-	-	-	3,260
Kachhi (Bolan)	1,025	-	-	300	-	-	-	-	-	-	-	-	1,325
Chagai	686	-	-	-	-	-	-	-	-	-	-	-	686
Chaman	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Bugti	120	-	-	20	-	-	-	-	-	-	-	-	140
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	2,940	-	320	1,233	-	-	-	34	-	-	-	-	4,527
Jafarabad	36,033	-	609	12,263	-	-	-	177	-	-	-	-	49,081
Jhal Magsi	690	-	-	235	-	-	-	-	-	-	-	-	925
Kalat	1,153	-	275	110	-	-	-	11	-	-	140	-	1,689
Kech (Turbat)	-	-	-	-	-	-	-	-	-	-	-	-	-
Kharan	2,554	-	-	318	-	-	-	32	-	-	-	-	2,904
Khuzdar	14,425	-	3,512	3,202	-	-	-	95	-	25	323	-	21,581
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	18,704	-	5,572	2,444	-	-	-	36	-	30	90	-	26,876
Loralai	7,483	-	9,542	372	-	-	-	2	-	-	-	-	17,398
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	12,777	-	338	4,772	-	-	-	86	-	-	-	-	17,973
Nushki	300	-	-	23	-	-	-	1	-	-	-	-	324
Panjgur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	12,679	-	4,583	2,252	-	-	-	94	-	30	692	-	20,330
Qila Saifullah	6,928	-	1,645	1,621	-	-	-	61	-	35	-	-	10,290
Qila Abdullah	480	-	-	90	-	-	-	-	-	-	-	-	570
Quetta	18,377	-	21,962	1,469	-	-	-	6	-	-	273	-	42,086
Sohbatpur	90	-	-	30	-	-	-	-	-	-	-	-	120
Sibi	2,404	-	140	1,180	-	-	-	20	-	-	132	28	3,904
Washuk	-	-	-	-	-	-	-	-	-	-	-	-	-
Zhob	-	-	-	-	-	-	-	-	-	-	-	-	-
Ziarat	-	-	-	-	-	-	-	-	-	-	-	-	-
Shaheed Sikanadr Abad	-	-	-	-	-	-	-	-	-	-	-	-	-
New distributors	-	-	-	7,581	-	-	-	125	47	60	-	-	7,813
Balochistan Total	142,777	-	48,657	39,905	-	-	-	807	47	180	1,650	28	234,050
Pakistan Total	6,578,837	792,533	1,012,223	1,615,431	1,322	-	91,916	57,953	14,374	69,496	41,082	617	10,275,784

Source: Respective Marketing Agencies.

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

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FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING KHARIF (2022 AND 2023)
KHARIF 2022

								(Tonnes)
PRODUCT	SOURCE	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	Fatima Fert	42,294	30,096	37,032	42,347	42,610	40,377	234,756
UREA	EFERT	193,406	197,000	160,364	94,442	187,232	167,876	1,000,320
UREA	Agritech (PAFL)	31,229	23,273	26,136	27,286	29,615	31,964	169,503
UREA	Pak Arab	10,454	7,607	9,804	10,321	9,821	10,489	58,496
UREA (PSFL)	FFC	74,477	76,706	73,082	37,629	62,149	71,306	395,349
UREA (PRILLED)	FFC	139,475	139,053	138,640	107,863	114,813	137,863	777,707
UREA (GRANULAR)	FFBL	48,137	47,468	45,710	47,895	49,596	26,980	265,786
UREA	Fatima Fertilizer	39,159	41,660	40,524	44,244	45,011	44,106	254,704
UREA	TOTAL	578,631	562,863	531,292	412,027	540,847	530,961	3,156,621
NP	Pak Arab	31,397	25,902	32,437	32,725.0	32,767	32,753	187,981
NP	EFERT	6,093	6,905	7,708	-	4,420	6,239	31,365
NP	Fatima Fertilizer	42,698	45,516	36,947	39,978	33,704	38,373	237,216
NP	TOTAL	80,188	78,323	77,092	72,703	70,891	77,365	456,562
SSP (J. WAL 18%)	AL HAMD	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	6,001	4,341	6,411	3,427	4,152	5,084	29,416
SSP	Suraj Fertilizers	1,073	3,539	2,695	1,743	-	-	9,050
SSP	Safi Chemicals	90	100	30	40	30	20	310
SSP	TOTAL	7,164	7,980	9,136	5,210	4,182	5,104	38,776
CAN	Pak Arab	29,970	27,326	30,454	31,932	34,319	31,904	185,905
CAN	Fatima Fertilizer	41,910	42,535	38,194	42,398	41,601	37,181	243,819
CAN	TOTAL	71,880	69,861	68,648	74,330	75,920	69,085	429,724
DAP	FFC	74,809	79,030	72,473	75,800	77,174	71,597	450,883
SOP	Pacific	1,735	1,774	1,691	-	3,207	1,447	9,854
NPKs (Various grades)	EFERT	7,989	4,822	5,500	12,022	4,458	2,900	37,691
NPK (2:20:3)	Safi Chemicals	-	-	-	-	-	-	-
	GRAND TOTAL	822,396	804,653	765,832	652,092	776,679	758,459	4,580,111
	NITROGEN	316,885	309,086	292,688	239,947	299,394	293,176	1,751,176
	PHOSPHATE	53,384	54,296	51,665	52,553	53,226	52,314	317,439
	POTASH	2,233	1,822	1,836	1,955	2,272	1,246	11,363
	TOTAL	372,503	365,204	346,189	294,455	354,893	346,735	2,079,979

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FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING KHARIF (2022 AND 2023)
KHARIF 2023

								(Tonnes)
PRODUCT	SOURCE	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	Fatima Fert	38,264	46,337	36,649	45,944	45,631	43,575	256,400
UREA	EFERT	199,278	137,266	202,156	201,870	205,903	192,532	1,139,005
UREA	Agritech (PAFL)	32,774	33,174	23,827	33,175	33,189	32,426	188,565
UREA	Pak Arab	7,392	7,584	8,951	8,484	5,312	9,633	47,356
UREA (PSFL)	FFC	73,554	67,248	74,603	75,231	74,740	71,859	437,235
UREA (PRILLED)	FFC	142,327	146,356	140,067	143,224	144,044	138,888	854,906
UREA (GRANULAR)	FFBL	42,970	28,947	21,225	37,038	11,523	21,964	163,667
UREA	Fatima Fertilizer	43,587	25,907	40,977	44,407	43,058	43,347	241,283
UREA	TOTAL	580,146	492,819	548,455	589,373	563,400	554,224	3,328,417
NP	Pak Arab	32,652	32,861	30,716	31,573	30,301	31,098	189,201
NP	EFERT	4,300	9,300	1,650	-	8,000	10,008	33,258
NP	Fatima Fertilizer	29,166	20,236	35,930	32,564	33,683	31,786	183,365
NP	TOTAL	66,118	62,397	68,296	64,137	71,984	72,892	405,824
SSP (J. WAL 18%)	AL HAMD	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agritech	6,224	7,208	8309	5,455	4,137	6,080	37,413
SSP	Suraj Fertilizers	-	-	-	-	-	-	-
SSP	Safi Chemicals	-	-	-	-	-	20	20
SSP	TOTAL	6,224	7,208	8,309	5,455	4,137	6,100	37,433
CAN	Pak Arab	32,827	34,997	31,834	30,001	34,080	32,683	196,422
CAN	Fatima Fertilizer	41,050	37,369	40,960	42,264	41,082	41,074	243,799
CAN	TOTAL	73,877	72,366	72,794	72,265	75,162	73,757	440,221
DAP	FFC	59,138	74,282	50,929	72,605	68,482	66,870	392,306
SOP	Pacific	1,255	1,551	1577	1,540	1,163	1,588	8,674
SOP	Agven	-	-	-	-	-	-	-
SOP	TOTAL	1,255	1,551	1577	1,540	1,163	1,588	8,674
NPKs (Various grades)	EFERT	5,486	3,550	-	-	-	2,530	11,566
NPK (2:20:3)	Safi Chemicals	-	-	-	-	-	-	-
	GRAND TOTAL	792,244	714,173	750,360	805,375	784,328	777,961	4,624,441
	NITROGEN	312,089	272,965	295,408	317,080	307,589	303,175	1,808,305
	PHOSPHATE	42,370	48,763	38,582	47,208	48,803	49,205	274,931
	POTASH	1,450	1,415	789	770	581	1,250	6,254
	TOTAL	355,909	323,143	334,779	365,057	356,973	353,629	2,089,490

FERTILIZER IMPORTS DURING KHARIF 2022 AND 2023

(KHARIF 2022)

(Tonnes)

MONTH	UREA	DAP	SSP	SOP	MOP	AS	MAP	TOTAL PRODUCT	NITROGEN TOTAL	PHOSPHATE TOTAL	POTASH TOTAL	TOTAL NUTRIENT
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
July	-	32,593	-	1,898	-	908	-	35,399	6,057	14,993	949	21,999
August	-	407	-	573	-	49	-	1,029	84	187	287	557
Sep	102,614	25,346	-	2,798	-	-	-	130,758	51,765	11,659	1,399	64,823
Total	102,614	185,439	-	13,082	-	3,851	-	304,986	81,390	85,302	6,541	173,233

(KHARIF 2023)

(Tonnes)

MONTH	UREA	DAP	SSP	SOP	MOP	AS	MAP	TOTAL PRODUCT	NITROGEN TOTAL	PHOSPHATE TOTAL	POTASH TOTAL	TOTAL NUTRIENT
April	-	-	-	661	576	3,045	-	4,282	639	-	676	1,316
May	-	34,103	-	-	-	1,018	624	35,745	6,415	15,999	-	22,414
June	-	49,539	-	504	-	1,021	-	51,064	9,131	22,788	252	32,171
July	-	-	-	1,992	908	3,840	308	7,048	837	154	1,541	2,532
August	-	378	-	2,503	1,300	2,601	130	6,912	627	239	2,032	2,898
Sep	-	44,006	-	264	2,653	3,913	312	51,148	8,774	20,399	1,724	30,896
Total	-	128,026	-	5,924	5,437	15,438	1,374	156,199	26,424	59,579	6,224	92,227

MONTH-WISE PRODUCT-WISE OFFTAKE DURING KHARIF 2022 AND 2023

(KHARIF 2022)

		(Tonnes)						
Products	Sources	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
UREA	Imported	-	265	14,149	74,748	11,024	-	100,186
UREA	FFC	215,626	216,778	354,921	170,379	219,268	236,981	1,413,953
UREA	Fatima Fert	-	-	-	-	-	-	-
UREA	Pak Arab	6,543	4,676	10,971	14,318	10,785	9,661	56,955
UREA	EFERT	157,176	151,031	240,304	86,545	174,504	163,502	973,062
UREA	Agri Tech Limited (PAFL)	21,079	16,976	29,348	31,372	43,581	28,597	170,953
UREA	Fatima Fertilizer Company	58,528	27,794	87,277	85,446	93,187	69,181	421,413
UREA	TOTAL	458,952	417,521	736,970	462,808	552,349	507,922	3,136,521
CAN	Pak Arab	30,248	27,228	27,828	28,227	30,672	12,135	156,338
CAN	Fatima Fertilizer	27,155	24,163	49,326	48,228	45,972	29,184	224,027
CAN	TOTAL	57,402	51,391	77,154	76,455	76,644	41,319	380,365
NP	Imported	-	-	-	-	-	-	-
NP	Pak Arab	25,488	32,628	24,925	29,471	11,101	15,138	138,751
NP	EFERT	5,042	7,739	5,738	3,170	1,536	595	23,820
NP	Fatima Fertilizer	41,403	28,719	25,631	37,569	5,310	16,955	155,587
NP	TOTAL	71,933	69,086	56,294	70,210	17,947	32,688	318,158
SSP	Imported	-	-	-	-	-	-	-
SSP	LCFL	-	-	-	-	-	-	-
SSP	Agri Tech Limited (PAFL)	3,573	4,886	5,722	4,113	2,601	5,969	26,863
SSP	Suraj Fertilizer	625	1,423	1,471	1,265	379	1,003	6,166
SSP	Safi chemicals	80	120	40	30	20	30	320
SSP	TOTAL	4,278	6,429	7,232	5,408	3,000	7,002	33,349
DAP	Imported	59,766	39,459	39,174	27,980	14,452	43,770	224,601
DAP	FFC	35,465	54,924	106,326	39,137	11,553	18,864	266,269
DAP	TOTAL	95,231	94,383	145,500	67,117	26,005	62,634	490,870
TSP	Imported	-	-	-	-	-	-	-
SOP	Pacific	589	558	870	-	325	939	3,281
SOP	Imported	284	587	461	183	217	1,069	2,800
SOP	Total	873	1,144	1,330	183	542	2,008	6,081
MAP	Imported	465	2,202	380	189	120	153	3,509
MOP	Imported	2,703	2,192	2,306	1,248	7	1,288	9,744
NPKs	EFERT	3,700	4,514	5,197	3,890	2,400	2,963	22,664
NPKs	Safi chemicals	-	-	-	-	-	-	-
AS	Imported	860	2,722	3,291	644	623	678	8,818
	GRAND TOTAL	696,396	651,584	1,035,654	688,152	679,637	658,655	4,410,078
	NITROGEN	259,674	238,895	398,933	261,614	283,208	263,655	1,705,980
	PHOSPHATE	59,952	60,490	80,724	46,714	17,173	38,269	303,322
	POTASH	2,686	2,721	3,024	1,477	691	2,331	12,930
	TOTAL	322,312	302,106	482,682	309,805	301,073	304,255	2,022,232

MONTH-WISE PRODUCT-WISE OFFTAKE DURING KHARIF 2022 AND 2023

(KHARIF 2023)

									(Tonnes)
Products	Sources	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
UREA	Imported	4,114	239	-	-	54	-	4,407	
UREA	FFC	171,134	242,285	295,722	237,794	249,312	249,616	1,445,863	
UREA	Fatima Fert	20,303	34,096	34,571	46,266	69,275	26,877	231,387	
UREA	Pak Arab	7,340	6,793	8,881	6,726	-	0	29,740	
UREA	EFERT	157,061	117,051	209,498	266,014	231,256	195,081	1,175,961	
UREA	Agri Tech Limited (PAFL)	23,378	26,675	20,317	34,494	48,916	33,399	187,178	
UREA	Fatima Fertilizer Company	24,967	31,948	41,358	38,081	51,485	59,188	247,027	
UREA	TOTAL	408,297	459,087	610,347	629,375	650,298	564,160	3,321,564	
CAN	Pak Arab	32,855	33,770	30,938	31,853	-	-	129,416	
CAN	Fatima Fertilizer	29,093	43,022	40,026	42,580	76,513	75,812	307,046	
CAN	TOTAL	61,948	76,792	70,964	74,433	76,513	75,812	436,462	
NP	Imported	-	-	-	-	-	-	-	
NP	Pak Arab	22,095	36,433	64,543	28,801	-	-	151,872	
NP	EFERT	1,528	5,254	2,090	5,044	10,374	10,316	34,606	
NP	Fatima Fertilizer	24,787	41,166	66,851	24,220	256,870	57,074	470,968	
NP	TOTAL	48,410	82,853	133,484	58,065	267,244	67,390	657,446	
SSP	Imported	-	-	-	-	-	0	-	
SSP	LCFL	-	-	-	-	-	-	-	
SSP	Agri Tech Limited (PAFL)	1,299	5,755	9,281	8,090	9,259	4,304	37,988	
SSP	Suraj Fertilizer	76	206	391	395	1,776	2,177	5,022	
SSP	Safi chemicals	-	-	-	-	-	-	-	
SSP	TOTAL	1,375	5,961	9,672	8,485	11,035	6,481	43,010	
DAP	Imported	23,102	26,837	77,994	40,302	66,374	31,948	266,556	
DAP	FFC	27,662	39,113	80,133	72,257	196,628	75,758	491,551	
DAP	TOTAL	50,764	65,950	158,127	112,559	263,002	107,706	758,107	
TSP	Imported	-	-	-	-	-	-	-	
SOP	Pacific	1,509	1,788	437	662	2,328	2,557	9,281	
SOP	Imported	618	821	893	1,841	8,071	3,807	16,051	
SOP	Total	2,127	2,609	1,330	2,503	10,399	6,364	25,332	
MAP	Imported	-	260	51	15	79	71	476	
MOP	Imported	895	562	9	1,530	2,137	1,522	6,654	
NPKs	EFERT	2,015	571	779	1,000	11,717	2,671	18,753	
NPKs	Safi chemicals	-	-	-	-	-	-	-	
AS	Imported	2,156	2,006	1,243	3,269	3,002	2,011	13,687	
GRAND TOTAL		577,987	696,651	986,006	891,234	1,295,425	834,188	5,281,491	
	NITROGEN	224,419	261,756	357,390	343,288	429,818	314,829	1,931,500	
	PHOSPHATE	33,659	48,229	101,359	65,111	186,700	66,781	501,838	
	POTASH	1,931	1,749	816	2,333	8,429	4,596	19,854	
	TOTAL	260,008	311,733	459,566	410,731	624,948	386,206	2,453,192	

FERTILIZER SUPPLY / DEMAND SITUATION DURING KHARIF 2023

(Tonnes)				
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	162,173	203,728	12,803	378,705
Domestic production	1,808,305	274,931	6,254	2,089,490
Imports	26,424	59,579	6,224	92,227
Total Availability	1,996,903	538,238	25,281	2,560,422
Offtake	1,931,500	501,838	19,854	2,453,192
Export	-	-	-	-
Adjustment (+/-)	13804	19867	95	33765
National Inventory	79,206	56,266	5,522	140,995

PRODUCT WISE SUPPLY DEMAND SITUATION DURING KHARIF 2023

(Tonnes)

Description	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	69,147	1,420	387,601	23,373	274,653	0	15,165	13,169	5,217	50	2,801	792,596
Domestic production	3,328,417	440,221	405,824	37,433	392,306	0	8,674	11,566	0	0	0	4,624,441
Imports	0	0	0	0	128,026	0	5,924	0	5,437	1,374	15,438	156,199
Total Availability	3,397,564	441,641	793,425	60,806	794,985	-	29,763	24,735	10,654	1,424	18,239	5,573,236
Offtake	3,321,564	436,462	657,446	43,010	758,107	0	25,332	18,753	6,654	476	13,687	5,281,491
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+)(-)	726	4	11,996	-1	967	0	-441	-174	-397	-6	389	13,062
National Inventory	76,727	5,182	147,975	17,795	37,846	0	3,990	5,807	3,603	942	4,941	304,807

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING RABI 2022-23 AND RABI 2023-24

(RABI 2022-23)

		(Tonnes)						
Products	Sources	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	Fatima Ffert	44,272	39,288	44,813	2,160	-	-	130,533
UREA	EFERT	125,350	81,389	179,924	202,914	185,299	187,669	962,545
UREA (PAFL)	Agri Tech (Pvt.) Limited	32,889	27,483	30,005	1,753	-	4,276	96,406
UREA	Pak Arab	10,894	8,650	8,820	2,930	-	1,244	32,538
UREA (PSFL)	FFC	77,799	75,087	77,231	75,230	67,343	61,782	434,472
UREA (PRILLED)	FFC	94,326	133,462	138,320	147,781	133,355	147,872	795,116
UREA (GRANULAR)	FFBL	40,989	41,696	54,079	4,370	29,313	55,629	226,076
UREA	FATIMA	41,507	39,915	43,163	42,137	39,466	43,570	249,758
UREA	TOTAL	468,026	446,970	576,355	479,275	454,776	502,042	2,927,444
CAN	Pak Arab	32,014	29,394	28,882	22,769	-	11,072	124,131
CAN	FATIMA	42,976	42,488	44,570	41,388	40,419	45,596	257,437
CAN	TOTAL	74,990	71,882	73,452	64,157	40,419	56,668	381,568
NP	Pak Arab	32,112	31,054	35,358	24,451	-	7,271	130,246
NP	EFERT	9,040	10,450	-	-	-	6,050	25,540
NP	Fatima Fertilizer Company	43,815	37,697	40,076	37,903	30,186	28,995	218,672
NP	TOTAL	84,967	79,201	75,434	62,354	30,186	42,316	374,458
SSP (J. WAL 18%)	LCFL	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agri Tech (Pvt.) Limited	6,546	6,563	7,027	3,959	3,124	8,504	35,723
SSP	Suraj Fertilizer	3,250	1,095	-	-	-	-	4,345
SSP	Safi Group	30	-	-	-	-	-	30
SSP	TOTAL	9,826	7,658	7,027	3,959	3,124	8,504	40,098
DAP	FFC	76,672	66,637	31,220	-	14,347	37,530	226,406
SOP	Pacific	1,247	30	-	205	794	912	3,188
NPK	EFERT	4,550	-	-	2,900	-	4,263	11,713
NPK	Safi Group	-	-	-	-	-	-	-
	GRAND TOTAL	720,278	672,378	763,488	612,850	543,646	652,235	3,964,875
	NITROGEN	268,588	254,506	307,190	251,721	229,231	262,673	1,573,909
	PHOSPHATE	57,627	50,248	32,976	15,576	14,105	29,167	199,698
	POTASH	1,442	15	-	537	397	1,308	3,700
	TOTAL	327,657	304,769	340,166	267,834	243,733	293,148	1,777,307

Continued....

FERTILIZER PRODUCTION BY PRODUCT AND MANUFACTURER DURING RABI 2022-23 AND RABI 2023-24

(RABI 2023-24)

		(Tonnes)						
PRODUCTS	SOURCES	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	Fatima Fert	45,462	44,589	47,204	49,241	46,074	47,546	280,116
UREA	EFERT	203,837	201,172	192,800	212,094	191,121	201,751	1,202,775
UREA (PAFL)	Agri Tech (Pvt.) Limited	32,402	32,012	33,247	32,256	32,474	32,808	195,199
UREA	Pak Arab	8,694	5,964	9,706	9,860	9,242	9,822	53,288
UREA (PSFL)	FFC	22,044	74,088	73,488	76,504	68,398	74,507	389,029
UREA (PRILLED)	FFC	145,472	140,315	140,046	148,596	138,688	147,331	860,448
UREA (GRANULAR)	FFBL	32,902	30,851	19,128	31,837	20,861	17,854	153,433
UREA	FATIMA	46,440	45,079	49,285	39,647	42,805	43,667	266,923
UREA	TOTAL	537,253	574,070	564,904	600,035	549,663	575,286	3,401,211
CAN	Pak Arab	37,333	34,894	36,274	30,025	33,651	36,274	208,451
CAN	FATIMA	42,439	42,436	40,105	42,885	33,508	43,051	244,424
CAN	TOTAL	79,772	77,330	76,379	72,910	67,159	79,325	452,875
NP	Pak Arab	33,125	31,076	34,324	33,440	31,590	34,324	197,879
NP	EFERT	9,600	9,100	16,530	6,060	5,100	6,685	53,075
NP	Fatima Fertilizer Company	34,001	35,828	32,675	44,851	34,330	43,915	225,600
NP	TOTAL	76,726	76,004	83,529	84,351	71,020	84,924	476,554
SSP (J. WAL 18%)	LCFL	-	-	-	-	-	-	-
SSP (H. PUR 18%)	Agri Tech (Pvt.) Limited	7,411	5,970	10,769	4,169	6,905	7,606	42,830
SSP	Suraj Fertilizer	4,008	3,255	153	-	-	-	7,416
SSP	Safi Group	-	-	-	-	-	-	-
SSP	TOTAL	11,419	9,225	10,922	4,169	6,905	7,606	50,246
DAP	FFC	72,149	70,897	72,775	29,183	72,398	75,725	393,127
SOP	Pacific	1,725	1,666	1,519	1,689	1,476	1,657	9,732
SOP	Agven	-	-	-	535	-	618	1,153
SOP	TOTAL	1,725	1,666	1,519	2,224	1,476	2,275	10,885
NPK	EFERT	2,570	-	-	5,185	7,309	5,908	20,972
NPK	Safi Group	-	-	-	-	-	-	-
	GRAND TOTAL	781,614	809,192	810,028	798,057	775,930	831,049	4,805,870
	NITROGEN	298,768	314,420	312,026	320,249	300,402	319,062	1,864,926
	PHOSPHATE	53,482	51,754	54,654	34,353	52,284	56,886	303,413
	POTASH	1,325	833	759	2,149	2,030	2,253	9,349
	TOTAL	353,575	367,008	367,439	356,751	354,715	378,200	2,177,688

FERTILIZER IMPORTS DURING RABI 2022-23 AND RABI 2023-24

(RABI 2022-23)

MONTH	Urea	DAP	NP	SOP	MOP	AS	TSP	MAP	TOTAL PRODUCTS	(Tonnes)			TOTAL PRODUCTS
										NITROGEN	PHOSPHATE	POTASH	
OCTOBER	102,157	27,500	-	8,990	-	960	-	300	139,907	52,174	12,800	4,495	69,469
NOVEMBER	-	239,053	-	-	-	1,061	-	-	240,114	43,252	109,964	-	153,217
DECEMBER	194,800	20	-	450	-	-	-	-	195,270	89,612	9	225	89,846
JANUARY	-	7,615	-	2	-	500	-	-	8,117	1,476	3,503	1	4,980
FEBRUARY	-	-	-	-	-	1,012	-	-	1,012	213	0	-	213
MARCH	-	27,600	-	-	-	2,040	300	-	29,940	5,396	12,834	-	18,230
TOTAL	296,957	301,788	-	9,442	-	5,573	300	300	614,360	192,122	139,110	4,721	335,954

(RABI 2023-24)

MONTH	Urea	DAP	NP	SOP	MOP	AS	TSP	MAP	TOTAL PRODUCTS	(Tonnes)			TOTAL PRODUCTS
										NITROGEN	PHOSPHATE	POTASH	
OCTOBER	-	172,165	-	2,510	3,618	2,000	-	250	180,543	31,435	79,321	3,426	114,181
NOVEMBER	-	123,049	-	3,485	1,917	912	-	-	129,363	22,340	56,603	2,893	81,836
DECEMBER	47,648	64,867	-	3,139	-	9,494	-	-	125,148	35,588	29,839	1,570	66,996
JANUARY	172,576	89,970	-	3,905	1,953	50,904	-	-	319,308	106,269	41,386	3,124	150,780
FEBRUARY	-	81,935	-	3,371	999	13,707	-	-	100,012	17,627	37,690	2,285	57,602
MARCH	-	20,201	-	3,515	1,666	3,167	-	-	28,549	4,301	9,292	2,757	16,351
TOTAL	220,224	552,187	-	19,925	10,153	80,184	-	250	882,923	217,560	254,131	16,054	487,745

MONTH WISE AND PRODUCT WISE OFFTAKE DURING RABI 2022-23 AND 2023-24

(RABI 2022-23)

									(Tonnes)
PRODUCTS	SOURCES	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL	
UREA	Imported	-	34,325	147,879	141,967	48,040	22,688	394,899	
UREA	FFC	233,472	272,801	277,352	221,315	227,848	269,716	1,502,504	
UREA	DHCL	-	-	-	2,140	-	-	2,140	
UREA	PAK ARAB	6,131	13,369	9,829	2,896	-	1,220	33,445	
UREA	EFERT	97,115	95,649	220,501	215,414	186,674	148,526	963,879	
UREA	Agritech	23,582	38,569	30,890	2,630	803	1,945	98,419	
UREA	Fatima	69,343	128,353	146,754	44,914	39,397	45,135	473,896	
UREA	TOTAL	429,643	583,066	833,205	631,276	502,762	489,230	3,469,182	
CAN	PAK ARAB	15,453	24,028	80,333	23,040	-	9,754	152,608	
CAN	Fatima	41,245	49,242	62,974	43,569	41,264	45,852	284,146	
CAN	TOTAL	56,698	73,270	143,307	66,609	41,264	55,606	436,754	
NP	Imported	-	-	-	-	-	-	-	
NP	PAK-ARAB	18,624	34,579	61,825	23,294	35,446	10,014	183,782	
NP	EFERT	1,447	6,237	12,157	8,154	5,219	5,303	38,517	
NP	Fatima Fertilizer Company	18,392	49,907	70,558	32,637	54,754	21,638	247,886	
NP	TOTAL	38,463	90,723	144,540	64,085	95,419	36,955	470,185	
SSP	Imported	-	-	-	-	-	-	-	
SSP	LCFL	-	-	-	-	-	-	-	
SSP	Agritech	5,639	7,939	7,332	3,843	4,813	1,010	30,576	
SSP	Suraj Fertilizer	1,188	199	3	255	-	50	1,695	
SSP	Safi Chemicals	20	30	-	-	-	-	50	
SSP	TOTAL	6,847	8,168	7,335	4,098	4,813	1,060	32,321	
DAP	IMPORTED	38,332	101,322	45,599	42,030	46,845	28,356	302,484	
DAP	FFC	33,128	135,083	111,920	53,816	50,762	22,882	407,591	
DAP	TOTAL	71,460	236,405	157,519	95,846	97,607	51,238	710,075	
TSP	Imported	-	-	-	-	-	300	300	
SOP	Pacific	910	366	438	1,969	2,080	2,005	7,768	
SOP	Imported	798	490	106	6,464	6,052	2,127	16,037	
SOP	TOTAL	1,708	856	544	8,433	8,132	4,132	23,805	
MAP	Imported	261	577	111	511	116	98	1,675	
MOP	Imported	235	28	209	1,910	775	2,776	5,933	
NPKs	EFERT	3,261	699	157	3,639	10,868	4,674	23,298	
NPKs	Safi Group	-	-	-	-	-	-	-	
AS	Imported	996	798	751	1,197	2,470	1,295	7,506	
	GRAND TOTAL	609,572	994,590	1,287,678	877,604	764,226	647,364	5,181,034	
	NITROGEN	234,679	350,991	482,319	340,418	283,160	260,271	1,951,838	
	PHOSPHATE	43,721	131,502	107,113	60,471	69,814	35,626	448,247	
	POTASH	1,610	581	427	6,067	6,472	4,608	19,766	
	TOTAL	280,010	483,074	589,858	406,956	359,446	300,505	2,419,850	

MONTH WISE AND PRODUCT WISE OFFTAKE DURING RABI 2022-23 AND 2023-24

(RABI 2023-24)

		(Tonnes)						
PRODUCTS	SOURCES	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
UREA	Imported	-	-	-	-	57,671	161,445	219,116
UREA	FFC	179,968	243,563	253,698	266,086	206,682	252,735	1,402,732
UREA	DHCL	34,466	76,672	53,167	48,708	26,078	23,727	262,817
UREA	PAK ARAB	-	-	-	-	-	-	-
UREA	EFERT	172,025	217,650	210,635	210,402	189,950	147,886	1,148,548
UREA	Agritech	15,958	23,652	54,689	38,565	29,257	30,169	192,289
UREA	Fatima	56,409	49,324	55,697	49,135	33,752	54,786	299,104
UREA	TOTAL	458,826	610,860	627,886	612,897	543,389	670,748	3,524,606
CAN	PAK ARAB	-	-	-	-	-	-	-
CAN	Fatima	41,698	70,930	87,771	75,906	67,925	82,706	426,936
CAN	TOTAL	41,698	70,930	87,771	75,906	67,925	82,706	426,936
NP	Imported	-	-	-	-	-	-	-
NP	PAK-ARAB	-	-	-	-	-	-	-
NP	EFERT	9,173	10,274	13,089	8,442	5,059	7,389	53,426
NP	Fatima Fertilizer Company	32,820	119,336	46,083	47,030	75,690	46,955	367,915
NP	TOTAL	41,993	129,610	59,172	55,472	80,749	54,344	421,341
SSP	Imported	-	-	-	-	-	-	-
SSP	LCFL	-	-	-	-	-	-	-
SSP	Agritech	12,700	12,351	7,503	4,307	6,633	4,043	47,536
SSP	Suraj Fertilizer	2,356	1,438	682	206	564	328	5,574
SSP	Safi Chemicals	-	-	-	-	-	-	-
SSP	TOTAL	15,056	13,789	8,184	4,513	7,197	4,371	53,109
DAP	Imported	91,846	195,091	63,822	38,843	62,146	28,334	480,083
DAP	FFC	68,963	83,180	74,392	27,971	63,075	78,298	395,879
DAP	TOTAL	160,809	278,271	138,214	66,814	125,221	106,632	875,961
TSP	Imported	-	-	-	-	-	-	-
SOP	Pacific	1,613	1,141	1,726	2,687	2,333	1,910	11,411
SOP	Imported	523	2,117	2,394	5,031	4,879	3,806	18,750
SOP	TOTAL	2,136	3,258	4,120	7,718	7,212	5,717	30,160
MAP	Imported	67	101	443	212	242	16	1,082
MOP	Imported	2,640	1,310	432	657	2,284	504	7,827
NPKs	EFERT	2,851	2,199	2,037	3,633	4,537	5,782	21,039
NPKs	Safi Group	-	-	-	-	-	-	-
AS	Imported	705	2,237	9,708	2,876	15,487	5,367	36,379
	GRAND TOTAL	726,781	1,112,565	937,967	830,699	854,243	936,187	5,398,440
	NITROGEN	260,951	380,043	352,431	327,499	312,487	365,679	1,999,090
	PHOSPHATE	87,009	160,832	79,294	44,983	78,442	65,708	516,269
	POTASH	3,170	2,816	2,747	5,017	5,865	4,184	23,800
	TOTAL	351,131	543,692	434,472	377,499	396,794	435,571	2,539,159

NUTRIENT WISE SUPPLY/DEMAND SITUATION DURING RABI 2023-24

(Tonnes)				
DESCRIPTION	NITROGEN	PHOSPHATE	POTASH	TOTAL
Opening Balance	79,206	56,266	5,522	140,995
Domestic production	1,864,926	303,413	9,349	2,177,688
Imports	217,560	254,131	16,054	487,745
Total Availability	2,161,693	613,810	30,926	2,806,428
Offtake	1,999,090	516,269	23,800	2,539,159
Export	-	-	-	-
Adjustment (+/-)	-23020	-17796	724	-40092
National Inventory	139,583	79,745	7,849	227,177

PRODUCT WISE SUPPLY DEMAND SITUATION DURING RABI 2023-24

(Tonnes)

DESCRIPTION	UREA	CAN	NP	SSP	DAP	TSP	SOP	NPK's	MOP	MAP	AS	TOTAL
Opening Balance	76,727	5,182	147,975	17,795	37,846	0	3,990	5,807	3,603	942	4,941	304,807
Domestic production	3,401,211	452,875	476,554	50,246	393,127	0	10,885	20,972	0	0	0	4,805,870
Imports	220,224	0	0	0	552,187	0	19,925	0	10,153	250	80,184	882,923
Total Availability	3,698,162	458,057	624,529	68,041	983,159	0	34,800	26,779	13,756	1,192	85,125	5,993,600
Offtake	3,524,606	426,936	421,341	53,109	875,961	0	30,160	21,039	7,827	1,082	36,379	5,398,440
Export	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment (+/-)	264	0	-1,879	-2	-28,977	0	1,628	-5	672	-33	-355	-28,687
National Inventory	173,820	31,121	201,308	14,930	78,220	0	6,268	5,735	6,602	78	48,391	566,472

AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING 2023-24

(Tonnes)

SECTOR / AGENCIES	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	54	-	-	-	-	-	-	-	-	-	-	54
Total Public Sector	54	-	-	-	-	-	-	-	-	-	-	54
FFC	3,003,811	-	-	-	1,023,044	-	-	16,815	-	-	-	4,043,670
EFERT	2,222,036	-	98,564	-	322,857	41,082	-	7,310	3,374	-	6,611	2,701,834
Fatima Fert. (DHCL)	416,410	-	-	-	-	-	-	-	-	-	-	416,410
PAK ARAB	6,726	31,853	28,801	-	-	-	-	-	-	-	-	67,380
Agri Tech (Pvt.) Limited	371,464	-	-	81,163	-	-	-	-	-	-	483	453,110
Fatima Fertilizer Company Limited	558,336	760,680	884,858	-	78,128	-	-	-	-	-	-	2,282,002
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	10,703	-	-	-	-	-	-	-	10,703
Safi Chemicals	-	-	-	50	-	-	-	-	-	-	-	50
Pacific Exim	-	-	-	-	29,150	-	-	21,293	386	-	1,751	52,580
Private Importers	-	-	-	-	162,253	-	-	12,535	10,614	1,322	60,652	247,376
Total Private Sector	6,578,783	792,533	1,012,223	91,916	1,615,431	41,082	-	57,953	14,374	1,322	69,497	10,275,114
Grand Total	6,578,837	792,533	1,012,223	91,916	1,615,431	41,082	-	57,953	14,374	1,322	69,497	10,275,169

AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING KHARIF 2023

(Tonnes)

SECTOR / AGENCIES	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	4,407	-	-	-	-	-	-	-	-	-	-	4,407
Total Public Sector	4,407	-	-	-	-	-	-	-	-	-	-	4,407
FFC	1,445,863	-	-	-	546,073	-	-	7,270	-	-	-	1,999,206
EFERT	1,175,961	-	34,606	-	117,593	18,753	-	2,946	2,436	15	288	1,352,598
Fatima Fert. (DHCL)	231,387	-	-	-	-	-	-	-	-	-	-	231,387
PAK ARAB	29,740	129,416	151,872	-	-	-	-	-	-	-	-	311,028
Agri Tech (Pvt.) Limited	187,178	-	-	37,988	-	-	-	-	-	-	-	225,166
Fatima Fertilizer Company Limited	247,027	307,046	470,968	-	28,955	-	-	-	-	-	-	1,053,996
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	5,022	-	-	-	-	-	-	-	5,022
Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Exim	-	-	-	-	16,053	-	-	9,281	135	-	322	25,790
Private Importers	-	-	-	-	49,433	-	-	5,835	4,083	461	13,077	72,889
Total Private Sector	3,317,156	436,462	657,446	43,010	758,107	18,753	-	25,332	6,654	476	13,687	5,277,083
Grand Total	3,321,563	436,462	657,446	43,010	758,107	18,753	-	25,332	6,654	476	13,687	5,281,490

AGGREGATED MARKET SHARE OF VARIOUS FERTILIZER DISTRIBUTION AGENCIES DURING RABI 2023-24

SECTOR/ AGENCIES	(Tonnes)											
	UREA	CAN	NP	SSP	DAP	NPKs	TSP	SOP	MOP	MAP	AS	TOTAL
NFML	-	-	-	-	-	-	-	-	-	-	-	-
Total Public Sector	-	-	-	-	-	-	-	-	-	-	-	-
FFC	1,496,302	-	-	-	451,477	-	-	10,444	-	-	-	1,958,223
EFERT	1,222,373	-	53,426	-	199,273	21,039	-	3,365	850	-	-	1,500,326
Fatima Fert. (DHCL)	262,817	-	-	-	-	-	-	-	-	-	-	262,817
PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-
Agri Tech (Pvt.) Limited	205,854	-	-	47,536	-	-	-	-	-	-	-	253,390
Fatima Fertilizer Company Limited	337,260	426,936	367,915	-	52,397	-	-	-	-	-	-	1,184,508
LCFL (Al Hamd Group)	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Fertilizers	-	-	-	5,574	-	-	-	-	-	-	-	5,574
Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Exim	-	-	-	-	29,150	-	-	11,411	251	-	1,429	42,241
Private Importers	-	-	-	-	143,664	-	-	4,940	6,726	1,082	34,950	191,362
Total Private Sector	3,524,606	426,936	421,341	53,110	875,961	21,039	-	30,160	7,827	1,082	36,379	5,398,441
Grand Total	3,524,606	426,936	421,341	53,110	875,961	21,039	-	30,160	7,827	1,082	36,379	5,398,441

COMPARATIVE FERTILIZER DEMAND ESTIMATES UPTO RABI 2024-25

(Tonnes)						
Months	Nitrogen	Phosphate	Potash	Total	Urea	DAP
Apr-23	224,419	33,659	1,931	260,008	408,297	50,764
May-23	261,756	48,229	1,749	311,733	459,087	65,950
Jun-23	357,390	101,359	816	459,566	610,348	158,127
Jul-23	343,288	65,111	2,333	410,731	629,375	112,559
Aug-23	429,818	186,700	8,429	624,948	650,298	263,002
Sep-23	314,829	66,781	4,596	386,206	564,160	107,706
Kharif 2023	1,931,500	501,838	19,854	2,453,192	3,321,564	758,108
Oct-23	260,951	87,009	3,170	351,131	458,826	160,809
Nov-23	380,043	160,832	2,816	543,692	610,860	278,271
Dec-23	352,431	79,294	2,747	434,472	627,886	138,214
Jan-24	327,499	44,983	5,017	377,499	612,897	66,814
Feb-24	312,487	78,442	5,865	396,794	543,389	125,221
Mar-24	365,679	65,708	4,184	435,571	670,748	106,632
Rabi 2023-24	1,999,090	516,269	23,800	2,539,159	3,524,606	875,961
Apr-24	188,286	53,792	1,641	243,719	327,797	92,644
May-24	212,776	28,957	2,693	244,426	399,970	40,521
Jun-24	287,311	77,996	1,571	366,877	482,632	123,038
FY 2023-24	3,775,398	995,606	45,063	4,816,067	6,578,838	1,615,431
Jul-24	349,465	97,306	1,894	448,665	611,563	163,012
Aug-24	291,757	50,882	3,332	345,971	559,230	88,930
Sep-24	209,715	73,055	5,883	288,653	365,042	133,816
Kharif 2024	1,539,310	381,988	17,014	1,938,312	2,746,234	641,961
Oct-24	250,272	166,290	5,788	422,350	358,363	309,147
Nov-24	353,473	151,412	3,965	508,850	589,120	298,685
Dec-24	412,178	92,193	3,026	507,397	686,608	162,319
Jan-25	340,769	58,493	5,620	404,882	611,983	81,349
Feb-25	281,248	63,031	5,609	349,888	523,433	90,986
Mar-25	277,704	57,537	5,071	340,312	556,239	92,329
Rabi 2024-25	1,915,644	588,956	29,079	2,533,679	3,325,745	1,034,815

NUTRIENT WISE FERTILIZER SUPPLY / DEMAND PROJECTIONS UP TO 2028-29

('000' Nutrient Tonnes)

Year	Nitrogen (N)			Phosphate (P)			Potash (K)			Total Offtake/ Demand
	Production	Offtake/ Demand	Surplus/ Deficit	Production	Offtake/ Demand	Surplus/ Deficit	Domestic Supply	Offtake/ Demand	Surplus/ Deficit	
2023-24	3624	3775	-152	601	996	-395	16	45	-29	4,816
2024-25	3490	3587	-97	622	990	-368	33	48	-15	4,625
2025-26	3490	3779	-289	622	1132	-510	33	58	-25	4,970
2026-27	3490	3836	-346	622	1189	-567	33	61	-28	5,086
2027-28	3490	3894	-404	622	1248	-626	33	64	-31	5,206
2028-29	3490	3952	-462	622	1310	-688	33	67	-34	5,330

Note: The figures for 2023-24 are actual while for 2024-25 are estimates and from 2025-26 to 2028-29 are projections.
The figures relating to production beyond 2023-24 show production capacity not the actual production.

GAS CONSUMPTION BY PLANTS DURING 2022-23

(MMCF)

COMPANY	CONSUMPTION	JUL ' 22	AUG ' 22	SEP ' 22	OCT ' 22	NOV ' 22	DEC ' 22	JAN ' 23	FEB ' 23	MAR ' 23	APR ' 23	MAY ' 23	JUN ' 23	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	2	3	3	3	4	2	2	1	25
Fatimafert (DHCL)	Feed	-	-	-	-	-	-	-	-	162	1033	1155	966	3,317
	Fuel	-	-	-	-	-	-	-	-	19	226	229	214	688
Agritech	Feed	-	-	-	-	-	-	-	-	137	733	760	605	2,234
	Fuel	-	-	-	-	-	-	-	-	42	179	166	148	536
Hazara Phosphate	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	2	2	3	4	3	3	3	3	4	4	4	4	40
EFERT Mari through SNGPL	Feed	1,030	3,174	3,046	3,107	2,282	2,861	3,160	2,943	3,223	3,173	3,167	3,185	34,352
	Fuel	107	293	284	265	119	265	290	257	284	276	246	266	2,953
	Total	1,140	3,470	3,334	3,378	2,407	3,132	3,456	3,206	3,876	5,626	5,729	5,389	44,144
Oil and Gas Development Company Limited														
EFERT	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	258	237	227	58	95	227	280	228	248	233	220	238	2,548
	Total	258	237	227	58	95	227	280	228	248	233	220	238	2,548
Liquefied Natural Gas (LNG)														
Agritech Limited	Feed	1,096	1,104	1,046	1,121	996	1,141	82	-	-	-	-	-	6,587
	Fuel	260	260	250	278	249	239	47	19	7	-	-	-	1,610
Fatimafert (DHCL)	Feed	685	711	709	769	668	739	62	-	-	-	-	-	4,344
	Fuel	231	212	204	209	209	218	23	-	-	-	-	-	1,306
	Total	2,272	2,288	2,209	2,377	2,122	2,337	214	19	7	-	-	-	13,847
Sui Southern Gas Company Limited														
FFBL	Feed	1,784	1,681	1,454	1,444	1,558	1,450	144	816	1,450	1,420	1,437	1,152	15,789
	Fuel	2	1	13	3	2	1	42	14	9	1	166	67	322
	Total	1,786	1,682	1,467	1,447	1,560	1,451	186	830	1,459	1,421	1,603	1,219	16,111
Mari Gas Company Limited														
EFERT	Feed	2,021	2,052	1,771	20	499	2,430	2,454	2,211	2,067	2,382	924	2,381	21,211
	Fuel	885	1,037	1,050	521	696	881	850	745	828	798	761	836	9,887
	Total	2,905	3,089	2,821	541	1,195	3,310	3,304	2,956	2,895	3,179	1,685	3,217	31,098
FFC-1 & 2	Feed	3,659	3,912	4,275	3,247	4,102	4,423	4,445	4,042	4,470	4,296	4,419	4,263	49,555
	Fuel	670	846	970	719	1,003	990	1,027	918	1,019	980	938	1,005	11,085
	Total	4,329	4,758	5,245	3,966	5,104	5,413	5,472	4,960	5,490	5,276	5,357	5,269	60,639
FFC-III (MM)	Feed	1,315	2,289	2,317	2,515	2,454	2,524	2,512	2,267	2,158	2,418	2,408	2,396	27,572
	Fuel	414	414	431	404	388	371	377	349	385	384	400	404	4,720
	Total	1,730	2,703	2,748	2,919	2,841	2,895	2,889	2,616	2,543	2,802	2,808	2,799	32,293
Fatima Fertilizer	Feed	2,851	2,828	2,783	2,874	2,800	2,907	2,928	2,575	2,885	2,801	2,176	2,801	33,208
	Fuel	409	407	405	399	374	414	418	432	448	461	410	398	4,975
	Total	3,260	3,235	3,188	3,272	3,174	3,321	3,346	3,007	3,333	3,263	2,586	3,199	38,183
Pak-Arab	Feed	1,387	1,402	1,383	1,366	1,316	1,348	902	0	539	1,251	1,323	1,275	13,490
	Fuel	365	375	344	335	316	332	254	58	212	312	298	305	3,506
	Total	1,751	1,777	1,727	1,701	1,631	1,680	1,156	58	751	1,563	1,620	1,580	16,996
Total	Feed	15,828	19,154	18,784	16,462	16,673	19,822	16,689	14,854	17,091	19,508	17,768	19,024	211,659
	Fuel	3,603	4,084	4,182	3,197	3,457	3,945	3,613	3,025	3,511	3,855	3,840	3,886	44,201
Grand Total	Total	19,431	23,238	22,967	19,660	20,130	23,767	20,302	17,879	20,602	23,363	21,608	22,910	255,860

GAS CONSUMPTION BY PLANTS DURING 2023-24

(MMCF)

COMPANY	CONSUMPTION	JUL' 23	AUG' 23	SEP' 23	OCT' 23	NOV' 23	DEC' 23	JAN' 24	FEB' 24	MAR' 24	APR' 24	MAY' 24	JUN' 24	TOTAL
Sui Northern Gas Pipelines Limited														
Pak-Arab	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	1	1	1	1	2	2	3	2	2	2	1	1	20
Fatimafert (DHCL)	Feed	1,166	1,185	1,139	1,153	-	-	-	-	-	-	-	-	4,642
	Fuel	241	231	218	247	-	-	-	-	-	-	-	-	937
Agritech	Feed	764	755	738	757	-	-	-	-	-	-	-	-	3,014
	Fuel	183	194	188	189	-	-	-	-	-	-	-	-	754
Hazara Phosphate	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	4	4	4	4	4	4	3	4	4	4	3	3	44
EFERT Mari through SNGPL	Feed	3,228	3,295	3,143	3,269	3,172	3,270	3,241	3,055	3,194	2,302	-	1,556	32,724
	Fuel	274	280	268	282	268	269	288	266	273	197	-	190	2,854
	Total	5,861	5,945	5,699	5,902	3,446	3,545	3,535	3,326	3,473	2,505	4	1,749	44,989
Oil and Gas Development Company Limited														
EFERT	Feed	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fuel	237	230	233	248	246	242	241	221	231	178	31	231	2,570
	Total	237	230	233	248	246	242	241	221	231	178	31	231	2,570
Liquefied Natural Gas (LNG)														
Agritech Limited	Feed	-	-	-	-	732	770	788	750	789	445	771	752	5,797
	Fuel	-	-	-	-	162	188	194	169	188	140	202	189	1,432
Fatimafert (DHCL)	Feed	-	-	-	-	1,170	1,193	1,209	1,141	1,202	1,122	648	1,110	8,795
	Fuel	-	-	-	-	261	215	218	207	216	215	171	224	1,726
	Total	-	-	-	-	2,325	2,366	2,409	2,267	2,395	1,922	1,792	2,275	16,024
Sui Southern Gas Company Limited														
FFBL	Feed	1,435	976	972	1,278	1,256	1,291	968	914	1,210	1,623	1,837	1,824	15,585
	Fuel	103	41	6	3	3	3	5	14	5	1	1	1	184
	Total	1,538	1,017	978	1,281	1,259	1,294	973	928	1,215	1,624	1,838	1,825	15,769
Mari Gas Company Limited														
EFERT	Feed	2,456	2,456	2,300	2,456	2,364	2,345	2,462	2,305	2,464	2,328	2,390	2,363	28,690
	Fuel	897	919	899	865	841	846	852	725	929	849	991	821	10,433
	Total	3,353	3,375	3,199	3,321	3,205	3,191	3,314	3,031	3,393	3,176	3,381	3,184	39,123
FFC-1& 2	Feed	4,427	4,425	4,132	4,467	4,384	4,538	4,554	4,207	4,498	4,316	4,430	4,099	52,478
	Fuel	988	1,014	1,081	1,023	877	868	918	948	992	964	968	851	11,491
	Total	5,415	5,439	5,213	5,490	5,261	5,406	5,472	5,155	5,490	5,280	5,398	4,950	63,969
FFC-III (MM)	Feed	2,467	2,461	2,391	1,114	2,417	2,468	2,514	2,344	2,513	2,407	2,521	2,442	28,056
	Fuel	423	416	387	218	362	340	332	351	378	409	451	421	4,488
	Total	2,889	2,877	2,777	1,332	2,779	2,808	2,846	2,695	2,892	2,815	2,972	2,863	32,545
Fatima Fertilizer	Feed	2,885	2,904	2,804	2,941	2,856	2,877	2,838	2,732	2,915	2,759	2,906	2,600	34,016
	Fuel	413	420	406	401	387	413	393	363	396	389	412	405	4,797
	Total	3,298	3,323	3,210	3,341	3,242	3,289	3,230	3,096	3,311	3,148	3,318	3,005	38,813
Pak-Arab	Feed	1,213	1,258	1,327	1,307	1,261	1,324	1,373	1,261	1,364	1,309	1,298	1,142	15,438
	Fuel	322	303	293	292	247	281	284	293	300	263	302	303	3,484
	Total	1,536	1,561	1,620	1,599	1,508	1,605	1,657	1,554	1,664	1,572	1,600	1,445	18,922
Total	Feed	20,041	19,715	18,946	18,741	19,612	20,075	19,947	18,710	20,150	18,611	16,802	17,887	229,236
	Fuel	4,086	4,053	3,982	3,774	3,659	3,671	3,730	3,563	3,913	3,609	3,533	3,641	45,213
Grand Total	Total	24,127	23,767	22,928	22,514	23,271	23,746	23,676	22,273	24,063	22,220	20,335	21,528	274,449

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- ⌘ Group Chairman: Mr. Nasser N.S. Jaffer
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- ⌘ Chief Executive Officer: Mr. Fawad Ahmad Mukhtar
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