

FERTILIZER STATISTICS OVERVIEW

COTE D'IVOIRE

2019 - 2023

2024 EDITION

Partners of 2024 FTWG

COTE D'IVOIRE



Cote d'Ivoire

Outline

1. Production
2. Import
3. NPK import analysis
4. Origins
5. Agric. and non-agric. Use
6. Export
7. Consumption (app)
8. Summary

Background Information

- Overview of fertilizer statistics in Côte d'Ivoire from 2019 to 2023.
- Emphasis is on 2023, and each analysis is based on the products with the highest quantities.
- Official trade data obtained from Ivorian Customs and validated by the Fertilizer Technical Working Group - Côte d'Ivoire (FTWG-CIV).
- The 2023 data was validated on March 22, 2024.

Fertilizer production

COTE D'IVOIRE

Comments:

- There is no primary production of mineral fertilizers in Cote d'Ivoire. However, ELEPHANT VERT, located in Adzope, produces organic fertilizers, and produced 10,000 MT in 2023.
- Most fertilizers are imported in bulk and used as raw materials in the manufacture of blended fertilizers for the Ivorian market and the sub-region, notably Burkina Faso and Mali.
- Five companies, including AGRO WEST AFRICA, SEAP-CI, SEA INVEST, SOLEVO and YARA have invested in blending plants to produce various fertilizer formulations. All these facilities are located in the southern part of the country, mainly in Abidjan and
- OCP and IVOIRE FORMULATION have plans to set up fertilizer blending units in Abidjan and Yamoussoukro respectively.

Fertilizer plants in Cote d'Ivoire



Fertilizer imports

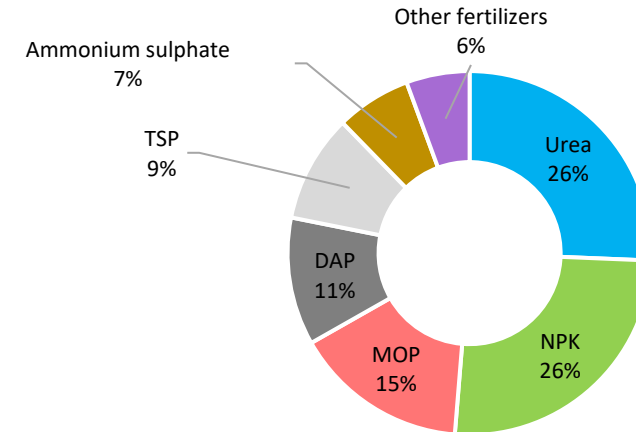
HS Code	Fertilizer Name	2019	2020	2021	2022	2023
3102100000	Urea	90,955	87,592	98,987	102,748	157,388
3105200000	NPK	94,127	54,356	120,268	127,921	157,337
3104200000	MOP	89,260	108,648	112,186	58,866	95,045
3105300000	DAP	51,057	40,983	51,330	21,338	69,661
3103101000	TSP	65,397	64,734	97,762	0	58,684
3102210000	Ammonium sulphate	27,830	14,244	29,409	13,651	40,897
	Other fertilizers	25,220	20,377	57,244	20,902	34,516
Total (MT)		443,847	390,935	567,186	345,425	613,527

Comments

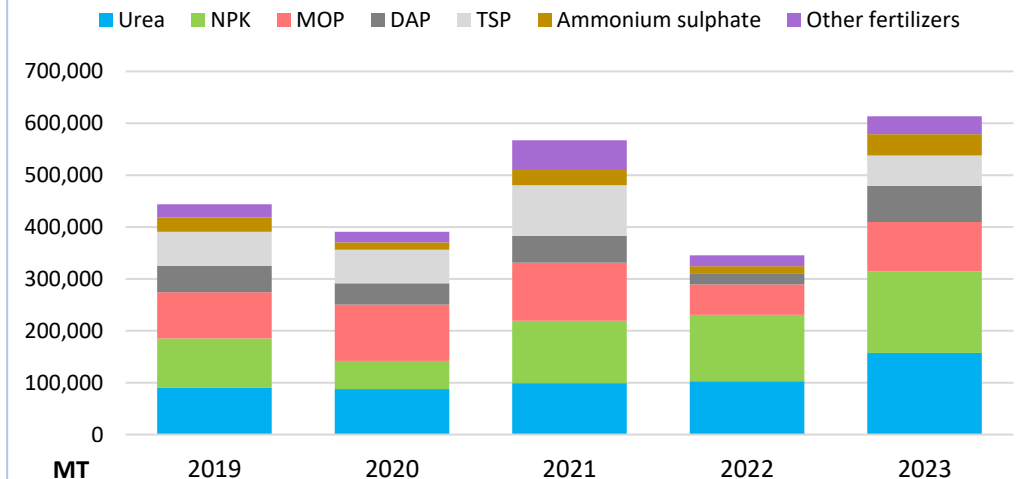
- After a year of regression in 2022, official fertilizer imports to Cote d'Ivoire increased by 78%, reaching a record high of 613,527 MT compared to the 345,425 MT imported in 2022.
- According to importers, this increase is linked to the recovery in demand stimulated by lower fertilizer prices in 2023, compared to 2022.
- In anticipation of this, they built up considerable fertilizer stocks, while closely monitoring price fluctuations on the international market and strategically placing their products to respond effectively to the demand.

COTE D'IVOIRE

TOP 6 IMPORTED FERTILIZERS 2023



TOP FERTILIZER IMPORTS PER YEAR

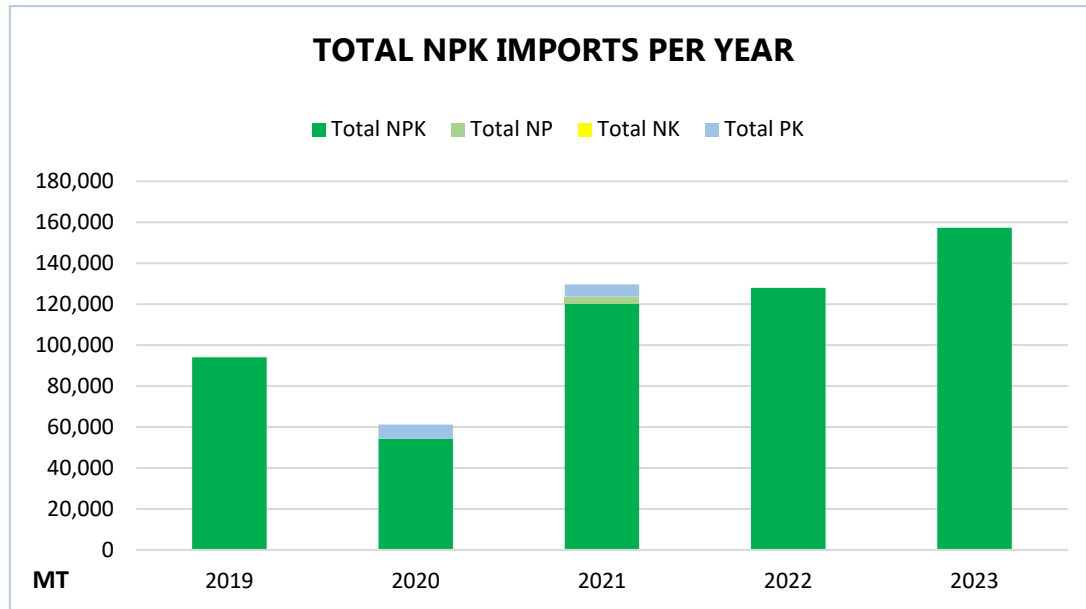


NPK Import Analysis

COTE D'IVOIRE

HS Code	Fertilizer Name	2019	2020	2021	2022	2023
3105200000	Total NPK	94,127	54,356	120,268	127,921	157,337
3105510000	Total NP	-	-	3,315		
3105700000	Total NK	75	-	27		
3105600000	Total PK	47	6,826	6,016	11	
Total (MT)		94,248	61,182	129,626	127,931	157,337

Fertilizer Name	2023 Importations	Main crops
NPK 15-15-15 + 6S + 1B	77,244	Cotton
NPK 14-18-18 + 6S + 1B	54,100	Cereals
NPK 5-6-37 + 5MgO	3,323	Oil Palm
Other NPKs	22,670	
Total (MT)	157,337	



Comments:

- Various NPK complex formulations are also imported and sold directly to farmers.
- In 2023, 26% of imports consisted of complex NPK fertilizers for direct application.
- In 2023, NPK 15-15-15+6S+1B, mainly used in cotton cultivation, accounted for 49% of total NPK import, while NPK 14-18-18 + 6S + 1B represented 34% of total NPK imports in the same year..



NPK complex

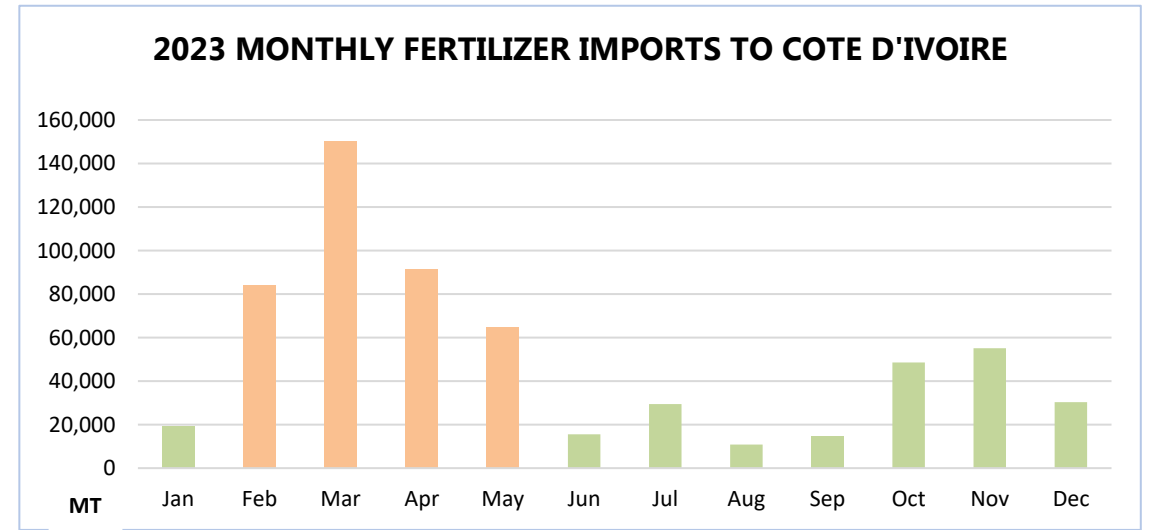
Fertilizer Monthly Import

COTE D'IVOIRE

Quarter	2019	2020	2021	2022	2023
Q1	139,734	214,996	205,720	137,603	253,262
Q2	153,943	55,529	168,262	60,781	171,518
Q3	67,682	84,353	45,020	101,389	54,727
Q4	82,489	36,057	148,184	45,652	134,021
Total (MT)	443,847	390,935	567,186	345,425	613,527

Comments

- In 2023, fertilizer imports reached 69% of the annual total in the first and second quarters, equivalent to 424,780 MT.
- Considering the crop calendar, peak demand for fertilizer is mainly in the second quarter. It is therefore important to make fertilizers available on the domestic market from the first quarter of every year.
- In the fourth quarter 22% of fertilizer imports was recorded in order to build up stocks and prepare products for the cotton tender.



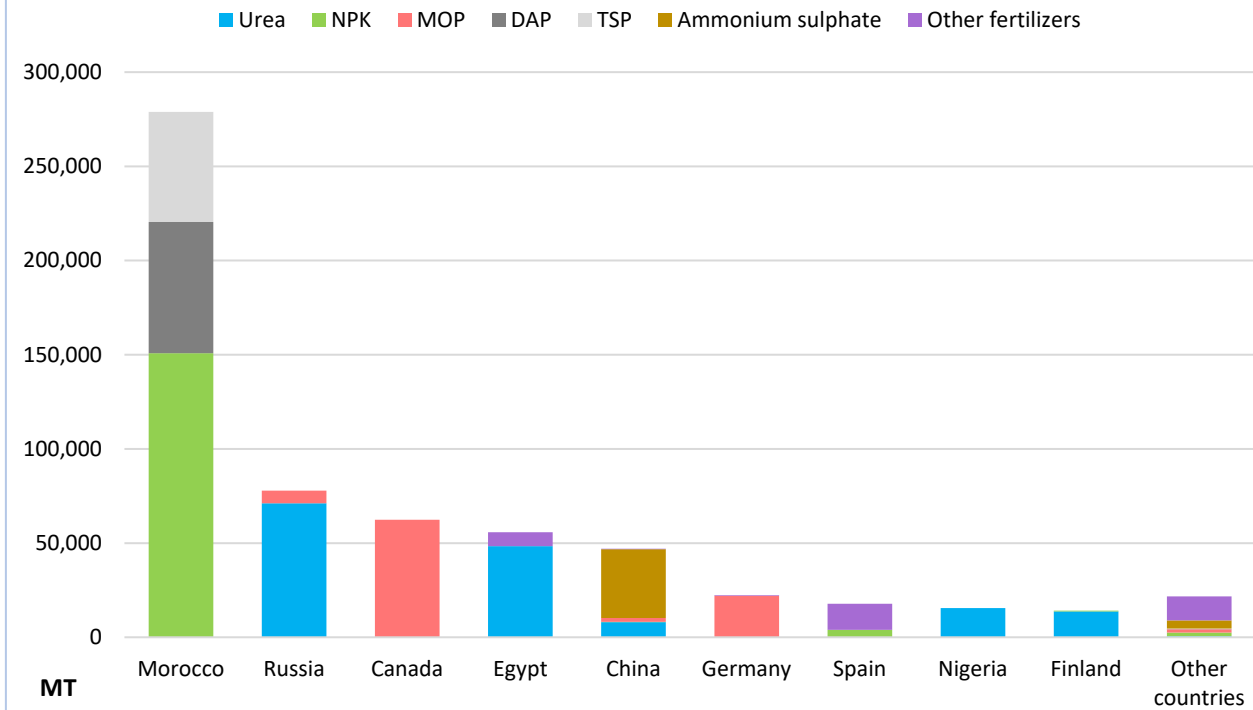
Crop calendar

SEASON	CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Major Season (Long Rains)	Cotton (North)						◆	◆	◆	◆	◆		
	Cotton (Center)						◆	◆	◆	◆	◆		
	Cocoa (Less than 3 years)				◆	◆	◆	◆	◆	◆	◆	◆	◆
	Cocoa (3rd year and above)				◆	◆	◆	◆	◆	◆	◆	◆	◆
	Palm oil (less than 3 years)			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Palm oil (3rd year and mo	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Maize			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rice					◆	◆	◆	◆	◆	◆	◆	◆	
Minor Season (Short Rains)	Cassava, Maize, Millet, Sorghum, Rice, Yams								◆	◆	◆	◆	◆

Key: ◆ Fertilizer Peak Demand Sowing Growing Harvesting

Source: FAO/GIEWS

TOP COUNTRIES OF ORIGIN IN 2023



Comments

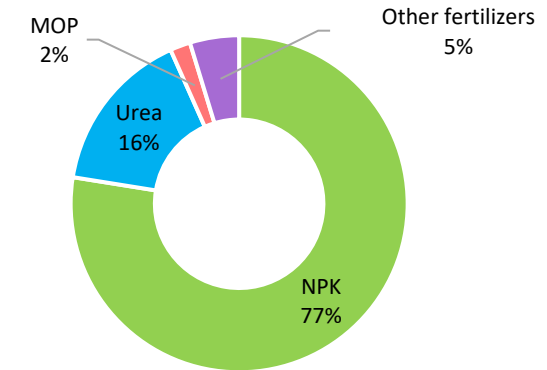
- Morocco maintained its position as the leading supplier of fertilizers to Cote d'Ivoire, accounting for 45% of imports in 2023. It holds a market share of 96% in NPK imports, 100% in DAP, and 99.5% in TSP.
- Since the conflict in Ukraine, sources of fertilizer have been diversified. Initially, these fertilizers came mainly from Ukraine and Belarus.
- In 2023, Russia accounted for 45% of Urea imports, while Egypt held 31%, Nigeria 10%, and the remaining 14% was divided between China and Finland.
- Canada is now the leading supplier of KCl with a market share of 66%, followed by Germany with 23%, relegating Russia to 7%, and Belarusian imports have become non-existent.
- Additionally, 89% of Ammonia Sulphate came from China.

Fertilizer export

COTE D'IVOIRE

HS Code	Fertilizer Name	2019	2020	2021	2022	2023
3105200000	NPK	56,286	49,698	66,504	79,968	128,006
3102100000	Urea	1,340	18,023	8,364	37,031	26,093
3104200000	MOP	2,722	1,755	3,827	176	3,221
	Other fertilizers	16,237	5,486	7,866	13,621	7,794
Total (MT)		76,585	74,962	86,560	130,795	165,113

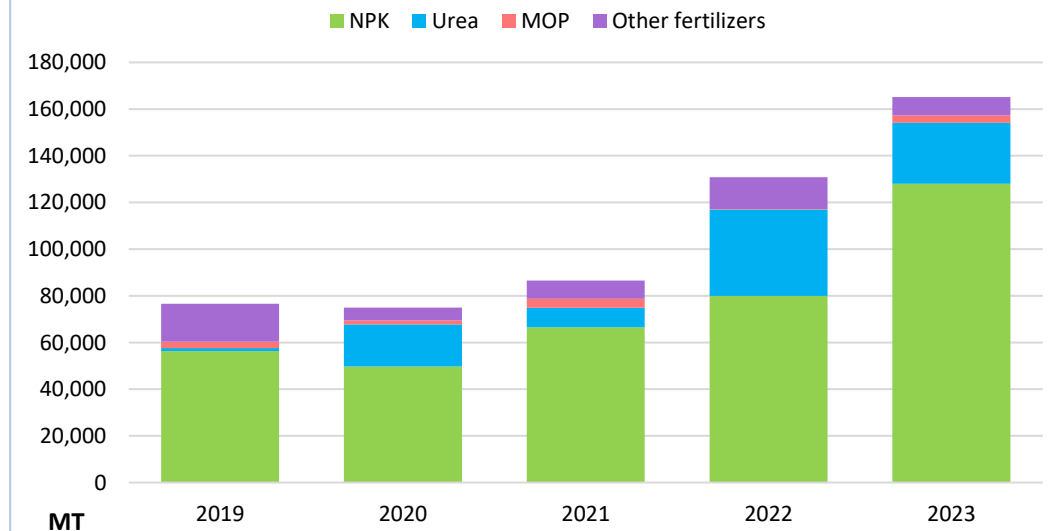
TOP 3 FERTILIZERS EXPORT IN 2023

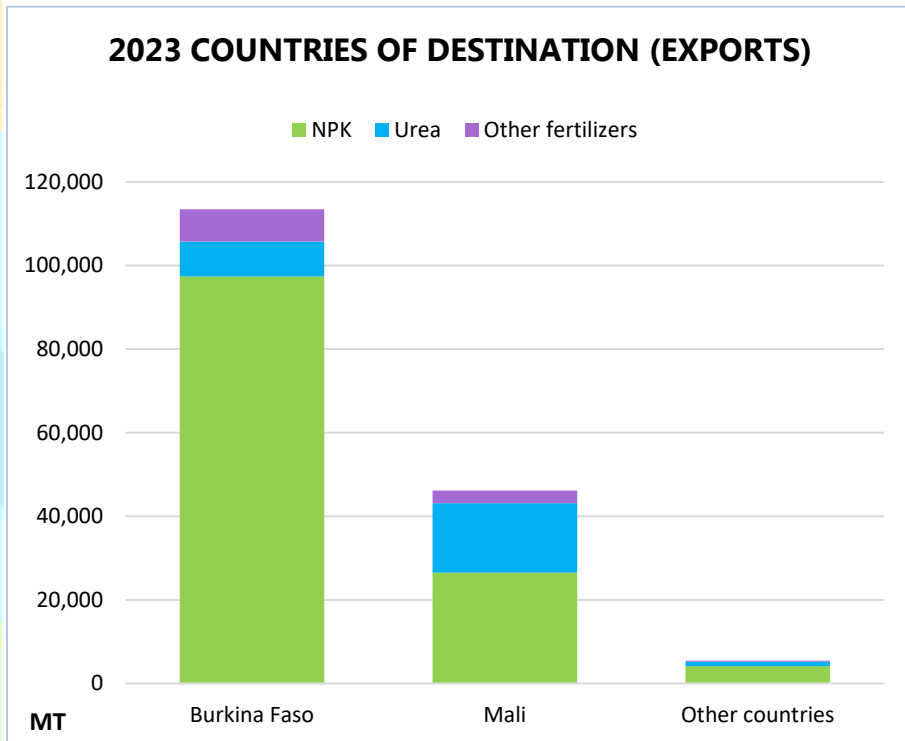


Comments

- Exports have risen by 26%, from 130,795 MT in 2022 to 165,113 MT in 2023.
- According to stakeholders, this increase is attributed to revised strategies, regarding re-exports to Mali and Burkina Faso of fertilizers initially destined for Ivoirien markets. This approach seeks to limit direct shipments, which require additional bank guarantees and have to meet stringent conditions imposed by banks for each financial transaction to these countries.
- ❖ As there is no primary production of inorganic fertilizers in Côte d'Ivoire, all exports are "re-exports". Fertilizers are mainly imported in bulk, blended and bagged before being exported.

TOP FERTILIZER EXPORTS PER YEAR





Comments

- In 2023, Burkina Faso and Mali were Cote d'Ivoire's main export destinations, together accounting for 97% of Ivorian shipments.
- Fertilizer exports from Cote d'Ivoire to Burkina Faso increased by 43% from 79,409 MT in 2022 to 113,470 MT in 2023, while exports to Mali increased by 19%, from 38,070 MT in 2022 to 46,173 MT in 2023.
- Regarding Urea exports, 64% (16,638 MT) went to Mali, while 32% (8,343 MT) was exported to Burkina Faso. Similarly, 76% (97,373 MT) was exported to Burkina Faso, while 21% (26,509 MT) went to Mali.

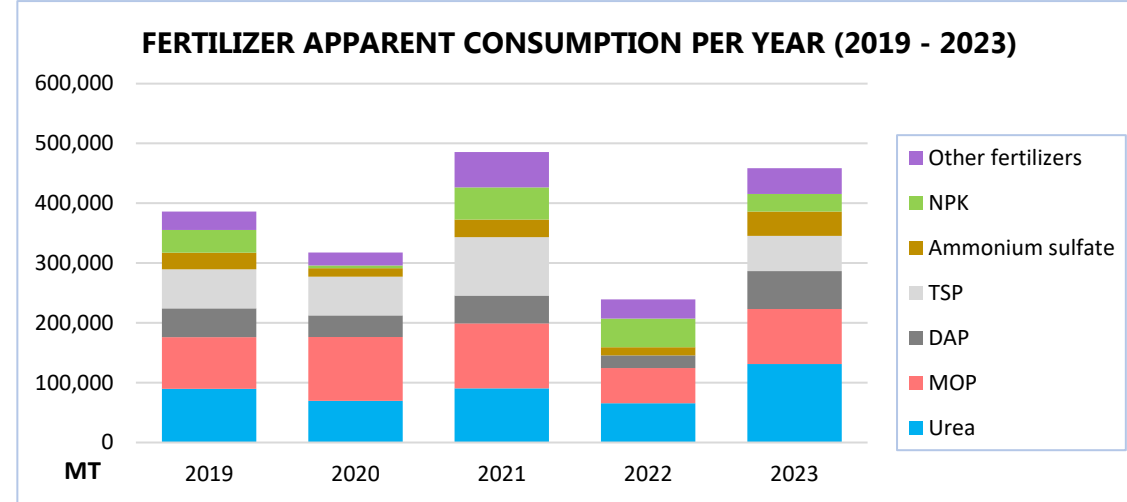


Blended NPK

Fertilizer Apparent Consumption

COTE D'IVOIRE

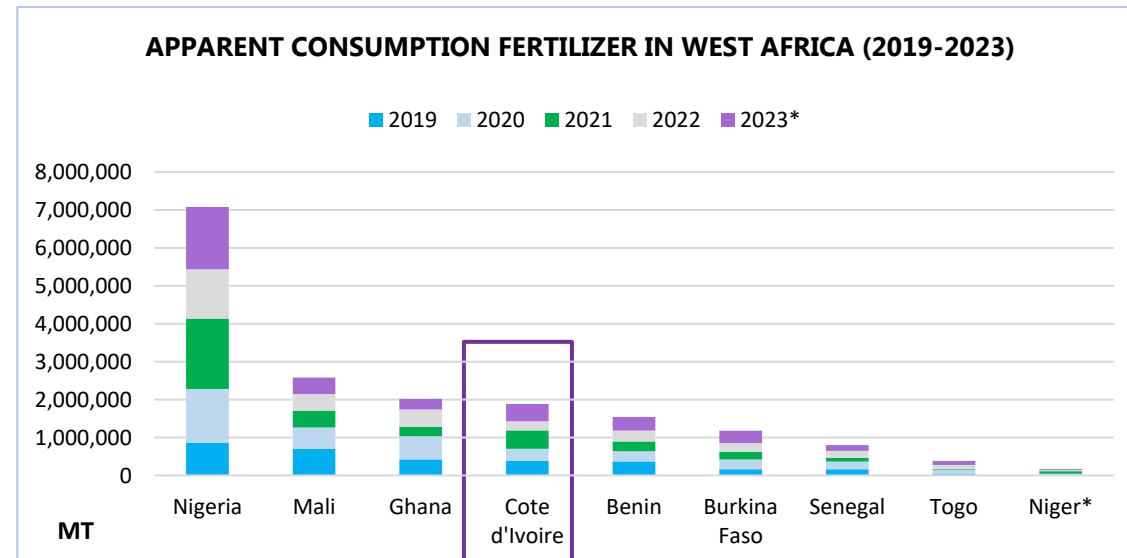
HS Code	Fertilizer Name	2019	2020	2021	2022	2023
3102100000	Urea	89,615	69,569	90,623	65,718	131,295
3104200000	MOP	86,539	106,893	108,359	58,690	91,824
3105300000	DAP	48,047	35,916	46,550	21,253	63,563
3103101000	TSP	65,397	64,734	97,762	-	58,683
3102210000	Ammonium sulfate	27,831	14,244	29,409	13,651	40,696
3105200000	NPK	37,840	4,656	53,764	47,953	29,330
	Other fertilizers	30,813	21,460	59,151	31,896	43,023
Total (MT)		386,083	317,473	485,619	239,160	458,415



Comments

- Apparent fertilizer consumption reached 458,415 MT, an increase of 95% compared to 239,160 MT in 2022:
- According to industry players, the recovery in demand for fertilizer on the part of farmers is the main determinant of the increase in fertilizer apparent consumption. The recovery was stimulated by the fall in prices on the international market, which was reflected on the local Ivorian market.

NB: Apparent consumption = Production + Imports - Exports - Use of non-agricultural products.



- Graph as of May 30, 2024
- Countries with (*) data yet to be validated

Summary of 2023 Fertilizer Statistics

COTE D'IVOIRE

HS Code	Product	Production	Total Import	Export	Non Fertilizer use	Agricultural imports	Apparent consumption 2023
3102100000	Urea		157,465	26,093	77	157,388	131,295
3104200000	MOP		95,047	3,221	2	95,045	91,824
3105300000	DAP		69,661	6,098		69,661	63,563
3103101000	TSP		58,684	1		58,684	58,683
3102210000	Ammonium sulfate		40,917	201	20	40,897	40,696
3105200000	NPK		157,242	128,006		157,242	29,236
3105200000	NPK (liquide)		94			94	94
2510000000	Rock phosphate		7,013	5		7,013	7,008
3102600000	Calcium nitrate		4,245	295		4,245	3,950
3101000000	Organic fertilizers	10,000	4,853	1,193		4,853	13,660
3101000000	Organic fertilizers (liquid)		140			140	140
3104300000	SOP		1,944			1,944	1,944
3105400000	MAP		211			211	211
3013900000	Other phosphate fertilizers		100		0	100	100
3104900000	Other potassium fertilizers		20			20	20
3102900000	Other nitrogen fertilizers		18		0	18	18
3102300000	Ammonium nitrate		33,104		33,104	-	-
3102500000	Sodium nitrate		18		18	-	-
2023 Grand Total - Fertilizers (MT)			630,777	165,113	33,221	597,556	442,443
2022 Grand Total - Fertilizers (MT)			15,000	356,860	130,789	336,340	230,081
% Change					26%	78%	92%

SUMMARY OF ENHANCERS STATISTICS FOR COTE D'IVOIRE IN 2023

HS Code	Product	Production	Total Import	Export	Non Fertilizer use	Agricultural imports	Apparent consumption 2023
2518000000	Dolomite		15,824		32	15,793	15,793
9999999990	Biostimulant (liquid)		126	1		126	126
9999999990	Biostimulant		52			52	52
2530200000	Kieserite		0		0	-	-
2023 Grand Total - Enhancers (MT)			16,004	1	32	15,972	15,972
2022 Grand Total - Enhancers (MT)			9,124	7		9,086	9,079
% Change					-93%	76%	76%

Participants of 2024 FTWG

COTE D'IVOIRE



The **AfricaFertilizer** initiative is the leading source of fertilizer statistics and information in Africa.

AfricaFertilizer seeks to provide clear, relevant and timely data and information on the fertilizer market in the Sub-Saharan African region, in order to support the implementation of continental, regional and national policies and regulations on agriculture and fertilizers in particular, and to promote the growth and development of competitive markets, in the interests of both the public and private sectors, and fertilizer industry players worldwide.



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