



AfricaFertilizer.org



Fertilizer Statistics Overview

Uganda

2011 - 2014

2015 Edition





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Background information

- An overview of fertilizer statistics in Uganda from 2011 – 2014.
- More emphasis is given to the year 2014 and each analysis is based on the products with higher quantities.
- Data obtained from official trade data from the Uganda Ministry of Agriculture, Animal, Industry and Fisheries (MAAIF) and Validated by Fertilizer Technical Working Group – Uganda (FTWG-UGA)
- 2014 data validated on September 15th – 17th, 2015



Fertilizer Production

- There is no primary or secondary production of fertilizers in Uganda.
- Three (3) companies; Export Trading Company Uganda Ltd, Uganda Crop Care Ltd, and Oil Palm Ltd are the major fertilizer importers, mostly importing Urea, DAP and NPK's.



Fertilizer imports

HS Code	Fertilizer Name	2011	2012	2013	2014
3105200000	NPK's	18,956	25,256	31,315	28,774
3102100000	Urea	9,577	9,133	11,902	5,723
3105300000	DAP	1,002	706	2,098	1,822
3102600000	Calcium Nitrate	512	2,956	678	1,724
3104200000	MOP	286	894	1,744	346
	Others fertilizers	7,233	6,827	3,895	3,593
Total fertilizer for agric (mt)		37,565	45,773	51,633	41,982

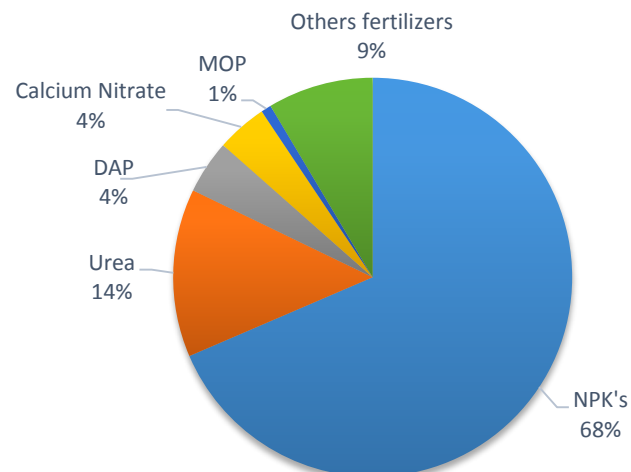
Source: FTWG-UGA

Comments:

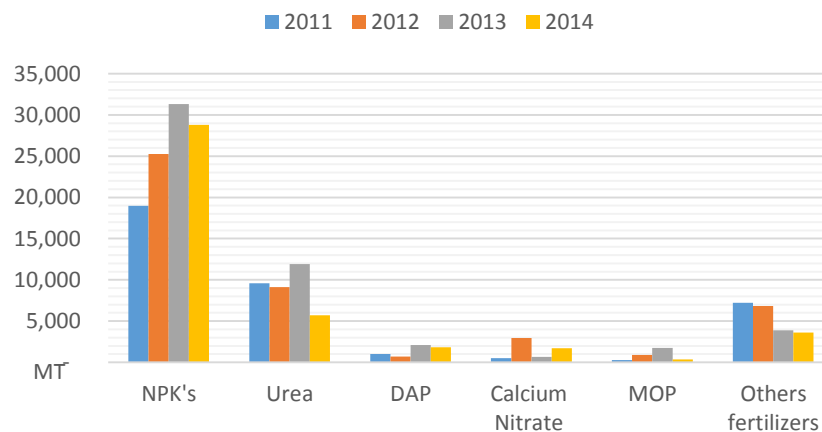
- NPK's, Urea and DAP are the three most imported fertilizers, accounting for 87% of total fertilizers officially imported to Uganda in 2014.
- Fertilizer imports have not followed a uniform trend for the period 2011-2014. Top 5 imported fertilizers have remained consistent, recording reductions (with the exception of Calcium Nitrate) in 2014; Urea and MOP recorded reductions of 52% and 80% respectively. Calcium Nitrate recorded increase in imports in 2014.

Other fertilizers include products like; SSP, Ammonium Sulphate, CAN, MAP, etc.

TOP 5 IMPORTED FERTILIZERS 2014



TOP FERTILIZER IMPORTS PER YEAR





Fertilizer monthly imports

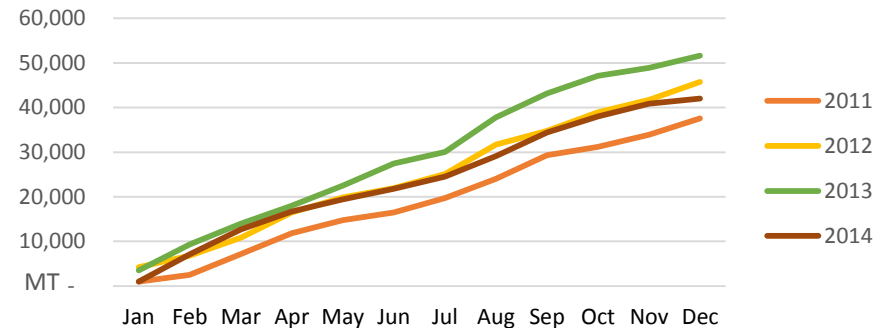
Quarter	2011	2012	2013	2014
Q1	7,200	10,835	13,998	12,688
Q2	9,291	11,105	13,469	9,078
Q3	12,824	12,796	15,719	12,670
Q4	8,250	11,036	8,447	7,546
Total	37,565	45,773	51,633	41,982

Source: FTWG-UGA

Comments:

- February and March 2014 recorded the highest fertilizer imports 11,654mt (28% of all 2014 imports).
- Fertilizer imports usually record the most reductions in the fourth quarter and then peaking in the first three quarters (more than 80% of all imports in 2013 and 2014) although some slight reductions may be recorded in the second quarter

UGANDA FERTILIZER MONTHLY CUMULATIVE IMPORTS (2011-2014)



SEASON	CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Major Season (Long Rains)	Beans(South/Main)												
	Fertilizer peak demand												
	Beans(South/Second)												
	Fertilizer peak demand												
	Casava (North)*												
	Fertilizer peak demand												
	Maize & Millet (South/Second)												
	Fertilizer peak demand												
	Maize(North)*												
	Fertilizer peak demand												
	Maize (South/main)*												
	Fertilizer peak demand												
	Millet(North)												
	Fertilizer peak demand												
Millet(South/Main)													
Fertilizer peak demand													
Sweet Potatoe (north)*													
Fertilizer peak demand													
Lean period	Beans, Maize, Cassava, Millet,												
Fertilizer peak demand													
Key:	fertilizer Peak demand												
	* (major food crop)												

Source: FAO/GIEWS, FEWSNET



Fertilizer exports

HS Code	Fertilizer Name	2011	2012	2013	2014
3105200000	NPK's	0	21	38	54
3102100000	Urea			150	33
	Other fertilizers	262	335	429	78
Total fertilizers for Agric (mt)		263	356	617	165

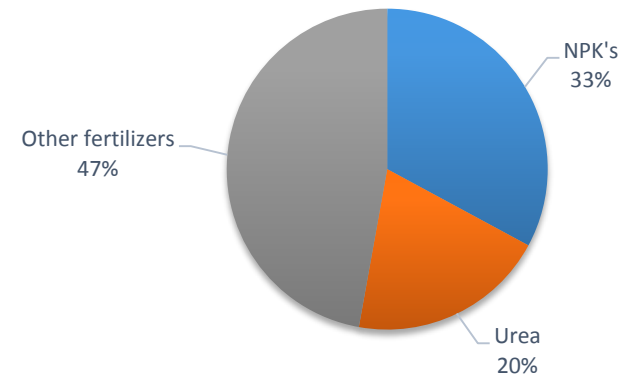
Source: FTWG-CIV

Comments:

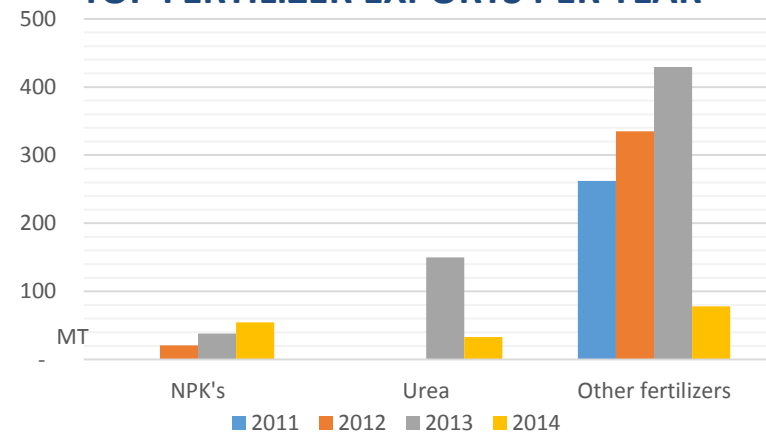
- Overall fertilizer exports reduced by 73% in 2014
- Urea and NPK's are the most exported fertilizers

Other fertilizers includes products like; Calcium Nitrate and Organic fertilizers

TOP 2 EXPORTED FERTILIZERS 2014



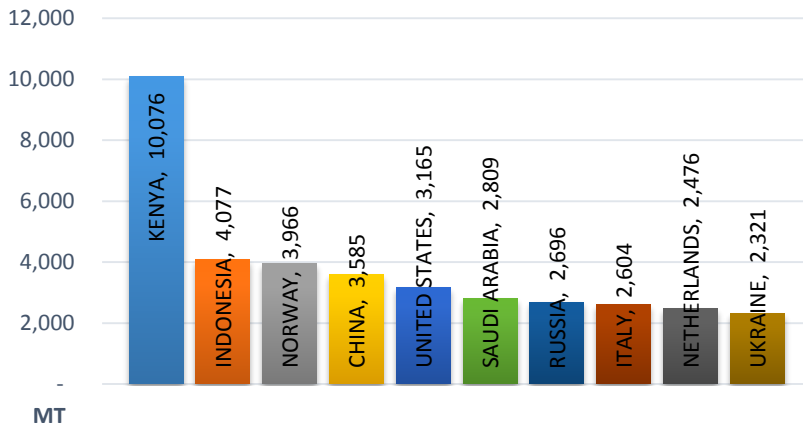
TOP FERTILIZER EXPORTS PER YEAR





Fertilizer origins and destinations 2014

COUNTRY OF ORIGINS (IMPORTS)



Comments:

- Fertilizer imports are mostly from Kenya
- Few exports to Rwanda, South Sudan and Burundi

2014 product per origin

Countries of Origins	Kenya	Indonesia	Norway	China	United States	Others
NPK's	29%	14%	11%	3%	11%	31%
Urea	1%	-	2%	36%	-	61%
DAP	1%	-	1%	-	-	98%
Calcium Nitrate	3%	-	34%	5%	-	58%
Other fertilizers	40%	-	1%	14%	0%	45%

Source: FTWG-UGA

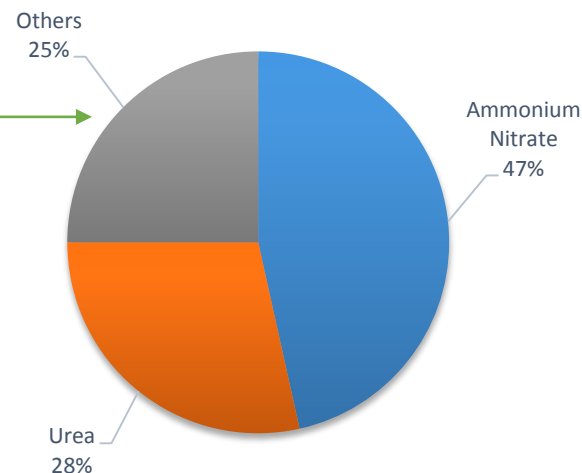


Agricultural and non agricultural uses

Usage	2011		2012		2013		2014	
	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%
Agriculture	37,565	88.8%	45,773	93.9%	51,633	95.9%	41,982	95.6%
Industrial/Mines	4,739	11.2%	2,977	6.1%	2,224	4.1%	1,913	4.4%
Total (MT)	42,304	100.0%	48,749	100.0%	53,858	100.0%	43,895	100.0%

Source: FTWG-UGA

2014 NON FERTILIZER USE



Comments:

- Some fertilizer products are used for both agricultural and industrial purpose depending on the importer.
- On the average, about 6.4% of products imported to Uganda as fertilizers are not used for agricultural purposes.

Others includes Sodium Nitrate, MOP, etc.

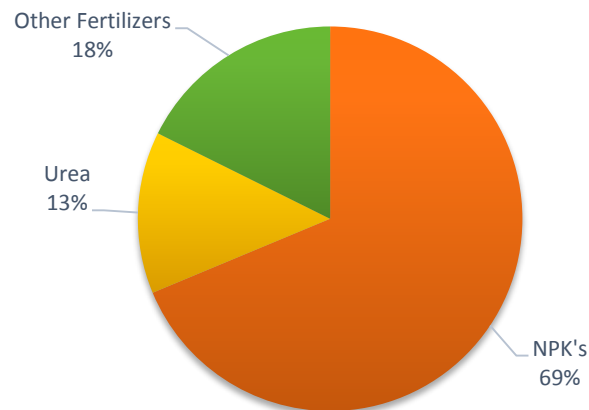


Fertilizer apparent consumption

HS Code	Fertilizer Name	2011	2012	2013	2014
3105200000	NPK's	18,956	25,236	31,277	28,708
3102100000	Urea	9,577	9,133	11,752	5,690
	Other Fertilizers	8,377	10,971	7,860	7,382
Total (mt)		36,910	45,340	50,889	41,780

Source: FTWG-UGA

2014 APPARENT CONSUMPTION



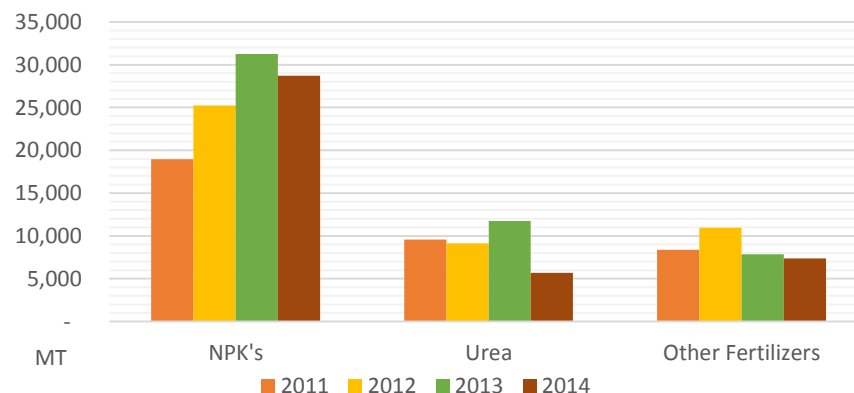
Comments:

- NPK's and Urea are the most consumed fertilizers in Uganda (accounts for 82% in 2014).
- In 2014, total apparent consumption of fertilizers in nutrients were 8 N, 5 P₂O₅ and 5 K₂O.

NB: Apparent consumption = Production + Imports – Exports – non fertilizer use

Nutrient aggregates was derived using AFO conversion methodology

TOP FERTILIZER APPARENT CONSUMPTION PER YEAR





NPK analysis

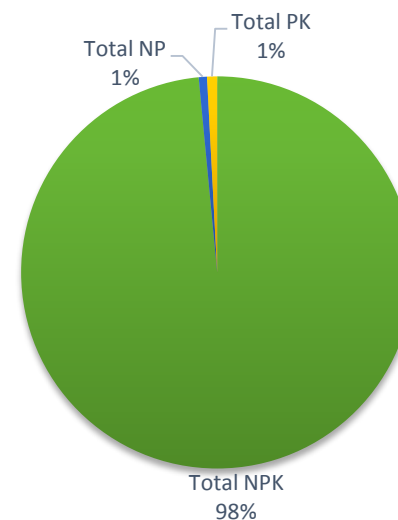
HS Code	Fertilizer Name	2011	2012	2013	2014
3105200000	Total NPK	18,956	25,256	31,315	28,774
3105510000	Total NP	1,540	137	10	198
3105700000	Total NK	370	21	37	-
3105600000	Total PK	-	-	-	243
Total (mt)		20,865	25,414	31,363	29,214

Source: FTWG-UGA

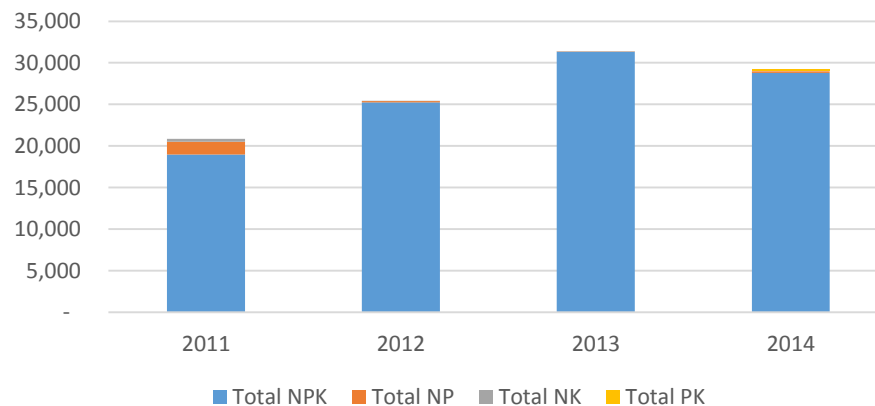
Comments:

- NPK's with known grades accounted for 98% of all NPK complex fertilizers imported to Uganda in 2014
- Total NPK imports in 2014 recorded 7% reduction from 31,363 mt (2013), after consistent increases in NPK imports between 2011 and 2013
- Some NPK formulations in Uganda include: NPK 17-17-17 used mostly on Oil Palm, NPK 19 19 19 used mostly on Sugarcane and Maize, NPK 25-5-5 (+5S) and NPK 22 6 12 + 3S + 1MgO + 2CaO used on tea.

2014 NPK COMPLEX FERTILIZERS



NPK COMPLEX FERTILIZERS PER YEAR





Volumes and Values 2014

HS Code	Fertilizer Name	Volumes (mt)	Values (USD)	USD/Ton
3102100000	Urea	5,723	3,857,408	674
3105300000	DAP	1,822	955,182	524
3102600000	Calcium Nitrate	1,724	1,048,535	608
3105202522	NPK 17 17 17	114	61,585	540
3105203104	NPK 25 5 5	70	40,250	575
3105203206	NPK 22 6 12 + 3S + 1MgO + 2CaO	56	35,754	638

Comments:

- The table shows volumes and values of selected fertilizers officially imported in 2014



Summary of 2014 fertilizer statistics for Uganda

HS 10 digits	Product Name	Production	Imports	Exports	Domestic Availability	Non Fertilizer use	Apparent Consumption
3101000000	Organic Fertilizer	-	88	34	54	0	54
3102100000	Urea	-	6,268	33	6,235	545	5,690
3102210000	Ammonium Sulphate	-	654		654	90	564
3102290000	Double Salts of AS or AN	-	514		514	19	495
3102300000	Ammonium nitrate	-	915	56	859	890	0
3102400000	CAN	-	529		529		529
3102500000	Sodium nitrate	-	0		0	0	0
3102600000	Calcium Nitrate	-	1,818	10	1,808	94	1,714
3102900000	Other straight nitrogen	-	20	16	4	3	1
3103100000	SSP	-	227		227		227
3103900000	Other straight phosphates	-	475	1	474	7	467
3104200000	MOP	-	352		352	6	346
3104300000	SOP	-	28		28		28
3104900000	Other Straight Potash	-	620		620	0	620
3105200000	NPK(more than 10kg)	-	28,792	66	28,726	258	28,468
3105202522	NPK 17 17 17	-	114		114		114
3105203104	NPK 25 5 5	-	70		70		70
3105203206	NPK 22 6 12 + 3S + 1MgO + 2C	-	56		56		56
3105300000	DAP	-	1,822		1,822		1,822
3105400000	MAP	-	91		91		91
3105510000/3105	NP compound	-	198	17	181	0	181
3105600000	PK Compound	-	243		243		243
Total		-	43,895	233	43,663	1,913	41,780

Source: FTWG-UGA



About AfricaFertilizer.Org

About AFO

AfricaFertilizer.org is a global initiative facilitating the exchange of information on soil fertility, fertilizers, and good agricultural practices in Africa.

AfricaFertilizer.org is led by IFDC, in partnership with the International Fertilizer Industry Association (IFA), the African Fertilizer and Agribusiness Partnership (AFAP), the Food and Agriculture Organization of the United Nations (FAO) through its CountrySTAT program, and the African Union Commission (AUC) and its NEPAD Planning and Coordination Agency

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