



AfricaFertilizer.org

## TECHNICAL REPORT

### Fertilizer Technical Working Group 2019 - 2020 Fertilizer Statistics Validation Workshop Tanzania



**May 19 – 20, 2021, Dar Es Salaam, Tanzania**

*AfricaFertilizer.org is a joint initiative led by IFDC, in partnership with, IFA, Development Gateway, WAFA and the Africa Union to facilitate exchange of information about soil fertility, fertilizers and good agricultural practices in Africa*



## Table of Contents

List of Acronyms.....	4
List of Table.....	5
List of Figures .....	5
1.0 Background.....	6
1.1 Objectives and Expected Outcomes of the Workshop.....	6
1.1.1 Objectives of the Workshop.....	6
1.1.2 Expected Outcomes of the Workshop.....	6
1.2 Methodology.....	6
2.0 First Day (19 <sup>th</sup> May 2021) .....	6
2.1 Participants.....	7
2.2 Introduction.....	7
2.3. Update on Tanzania CountrySTAT .....	7
2.4 Overview of AFO Activities.....	7
2.5 Guide on Navigating the AFO Website/VIFAA Dashboard .....	8
2.5 Overview of Tanzania fertilizer trade statistics .....	9
2.6 Review of 2019 and 2020 datasets available for Tanzania.....	10
2.7 Processing of 2019/2020 Imports/Exports Datasets .....	11
3.0 Second Day (20 <sup>th</sup> May 2021).....	11
3.1 Review of Processed Data .....	11
3.2 Update on Country Fertilizer Programs and Initiatives .....	11
3.2.1 Minjingu Mines Presentation.....	11
3.2.2 Bulk Procurement System.....	12
4.0 Results of 2019 - 2020 fertilizer statistics review and validation .....	12
4.1 Fertilizer Production .....	12
4.2 Fertilizer Imports.....	13
4.3 Fertilizer Exports .....	14
4.4 Fertilizer Apparent Consumption .....	15
5.0 Recommendations .....	16
5.1 Conclusion.....	16
Annexes.....	17

Agenda .....	17
List of participants.....	18

## List of Acronyms

### Abbreviation Definition

<b>AFAP</b>	<b>African Agribusiness Partnership</b>
<b>AFO</b>	<b>AfricaFertilizer.org</b>
<b>BPS</b>	<b>Bulk Procurement System</b>
<b>COVID-19</b>	<b>Coronavirus Disease 2019</b>
<b>DG</b>	<b>Development Gateway</b>
<b>DRC</b>	<b>Democratic Republic of the Congo</b>
<b>ETC/ETG</b>	<b>Export Trading Group</b>
<b>FAO</b>	<b>Food and Agriculture Organization</b>
<b>FTWG</b>	<b>Fertilizer Technical Working Groups</b>
<b>FUBC</b>	<b>Fertilizer Use by Crop</b>
<b>GN</b>	<b>Government Notice</b>
<b>IFA</b>	<b>International Fertilizer Association</b>
<b>IFDC</b>	<b>International Fertilizer Development Center</b>
<b>MMFL</b>	<b>Minjingu Mines &amp; Fertilizer Limited</b>
<b>NBS</b>	<b>National Bureau of Statistics</b>
<b>PIO</b>	<b>Public International Organization</b>
<b>TFRA</b>	<b>Tanzania Fertilizer Regulatory Authority</b>
<b>TRA</b>	<b>Tanzania Revenue Authority</b>
<b>USAID</b>	<b>US Agency for International Development</b>
<b>VIFAA</b>	<b>Visualizing Insights on Fertilizer for African Agriculture</b>
<b>WAFA</b>	<b>West Africa Fertilizer Association</b>

## List of Table

Table 1: Composition of Participants.....	7
Table 2: Fertilizer production in Tanzania, 2010 - 2020 .....	13
Table 3: Fertilizer Imports in Tanzania, 2010 – 2020.....	13
Table 4: Tanzania NPK import per volume, 2019 and 2020 .....	14
Table 5: Fertilizer Exports from Tanzania, 2010 - 2020 .....	14
Table 6: Fertilizer apparent consumption in Tanzania, 2011 - 2020 .....	15

## List of Figures

Figure 1: Participants during the workshop.....	<b>Error! Bookmark not defined.</b>
Figure 2: A Snapshot of VIFAA Kenya Dashboard .....	9
Figure 3: Evolution of fertilizer imports (2010 – 2020) .....	13
Figure 4: Evolution of fertilizer apparent consumption (2011 – 2020) .....	15

## 1.0 Background

The International Fertilizer Development Centre (IFDC), through the AfricaFertilizer.org (AFO) initiative, has been working with the CountrySTAT program of the Food and Agriculture Organization (FAO) of the United Nations, over the past nine years, to produce and disseminate reliable and up-to-date official statistics on fertilizer production, imports, exports, and consumption in countries across Africa.

Fertilizer Technical Working Groups (FTWG) were established in 2012 in 11 sub-Saharan African countries, including Tanzania. These working groups have been responsible for reviewing country level data and presenting statistics results tables for validation by National Technical Working Groups before the publication of the data.

AFO, through its partnership with CountrySTAT, aims to improve the quality and availability of fertilizer data in terms of production, trade, and consumption to enable decision makers to have and use reliable fertilizer data for formulation and monitoring of agricultural development policies, strategies on food security, promotion of fertilizer trade within East and Southern Africa and beyond, as well as update industry actors on new strategies developed in the year under review.

This year's workshop was held on May 19 – 20 in Dar es Salaam, Tanzania. On the 19<sup>th</sup>, participants were able to validate 2019 and 2020 Tanzania fertilizer trade data and reviewed the validated data on the 20<sup>th</sup>.

## 1.1 Objectives and Expected Outcomes of the Workshop

### 1.1.1 Objectives of the Workshop

- Validate national fertilizer statistics for the year 2019 and 2020.
- Update 2010 – 2020 series of statistics.
- Update participants on country fertilizer programs and initiatives.

### 1.1.2 Expected Outcomes of the Workshop

- Fertilizer statistics for 2019 and 2020 validated.
- Statistical output tables on fertilizer imports, exports, and apparent consumption for the year 2019 and 2020 prepared.
- Participants updated on country fertilizer programs and initiatives.

## 1.2 Methodology

The methodology of the workshop encompassed presentations, questions/answers, and discussions at plenary sessions.

## 2.0 First Day (19<sup>th</sup> May 2021)

### *Agenda*

The morning session of the first day was used to present overview of AFO activities, provide an update on CountrySTAT Tanzania, present fertilizer statistics overview for Tanzania 2018, review 2019 and 2020 datasets available for Tanzania and commence group work data validation of 2019 and 2020 datasets. In the afternoon, data validation activities continued.

## 2.1 Participants

The first day of the workshop was attended by 13 participants from Ghana, Kenya, and Tanzania.

**Table 1: Composition of Participants**

Public	Private	IFDC	Male	Female	Total
5	4	4	6	7	13

## 2.2 Introduction

The workshop was officially opened by a welcome address from Mary Maina, AFO Fertilizer Market Specialist Consultant. She welcomed and introduced participants.

Fred Gyasi, Fertilizer Statistics Specialist with IFDC, then gave an overview of the program. He stated that the purpose of the workshop was to conduct data validation for the year 2019 and 2020.

## 2.3. Update on Tanzania CountrySTAT

Jillahoma Mussa from National Bureau of Statistics gave an update on the Tanzania CountrySTAT.

### *Highlights*

- Tanzania CountrySTAT was last updated in 2017. There has been no data to update the system since then.
- She stated that CountrySTAT is still liaising with FAO to gain access to update the system, but FAO has not yet responded to the request.
- Some indicators were updated in 2019 and thereafter there was no access.
- Funding from FAO has stopped.

## 2.4 Overview of AFO Activities

Fred Gyasi took the participants through the AFO Activities.

**Download Presentation:**  
AfricaFertilizer.org  
**By Fred Gyasi**

### *Highlights*

AFO seeks to be the leading provider of fertilizer data and information for Africa to support market transparency, improve decision-making, and deliver a more prosperous agriculture sector.

AFO is hosted by IFDC and works with key public and private fertilizer sector players, including national FTWGs, fertilizer importers, producers, retailers, agriculture/fertilizer experts and consultants.

The Core areas of competence of AFO are Price, Statistics, Markets, and Products (Market Situation Statement). AFO's other key partners include the International Fertilizer Association (IFA) which is a donor for fertilizer statistics; Development Gateway (DG), also a donor and a partner for fertilizer data visualization and website development; Argus Media, a donor and a partner for fertilizer statistics and market information on a daily and monthly basis. The West Africa Fertilizer Association (WAFA) is a regional partner for fertilizer data gathering and validation and provides data on local fertilizer product prices, international prices, and regional market.

AFO conducted FTWG workshops for Burkina Faso, Cote d'Ivoire, Ghana, Mali, Nigeria, and Senegal between February and March 2020. There were no FTWG workshops in East Africa in 2020 because of the disruptions of the COVID-19 pandemic.

FertiNews, AFO's electronic newsletter about the fertilizer sector in Africa, was produced monthly throughout 2020. The advanced copy of the 2020 Fertilizer Plant Register was also produced.

AFO and DG are developing the Visualizing Insights on Fertilizer for African Agriculture (VIFAA) dashboard to support visualization of fertilizer statistics/data in Ghana, Nigeria, and Kenya. AFO started the publication of the Africa Fertilizer Watch in July 2020, in collaboration with the African Union, and with technical and financial support of partners, including the Bill & Melinda Gates Foundation, DG, IFA, WAFA, the African Agribusiness Partnership (AFAP), USAID, and Feed the Future.

For 2021, AFO will continue to provide fertilizer market information, overhaul its website, and conduct FTWG data validation workshops for six West African countries and three East African countries as well as extending the VIFAA dashboard to other African countries.

### *Comments*

- Jillahoma Musa from the National Bureau of Statistics (NBS) asked for some of the channels/tools of disseminating information at AFO. Fred Gyasi answered that AFO disseminates information through the FertiNews, website, LinkedIn, and Twitter. Jillahoma suggested that Instagram be included to reach more people.



**Figure 1: Participants during the workshop**

### **2.5 Guide on Navigating the AFO Website/VIFAA Dashboard**

Fred Gyasi gave an overall guide on navigating the AFO website. He demonstrated how to look for information and what information was available on the website. He navigated from statistics on fertilizers, prices, fertilizer plants directories, as well as country pages with all the information on a country.

He also took participants through the VIFAA Kenya dashboard which is used to visualize



information on fertilizer on various indicators such as product availability, fertilizer policy, fertilizer price and fertilizer use.

### Comments

- Jillahoma Musa from NBS suggested that the demand component be included as an indicator on the country dashboards. Fred responded that the Fertilizer Use by Crop (FUBC) studies and apparent consumption mainly capture that.
- Ranjeet Kumar from Export Trading Group (ETG) suggested that fertilizer prices be indicated whether they are the tendering prices or real prices, and it should be indicated when the fertilizer will really be available in the market, i.e. in the next 10 days, one month, etc.
- Beatrice Rwegoshora from NBS suggested to have the AFO website link on their NBS portal for popularity in Tanzania.

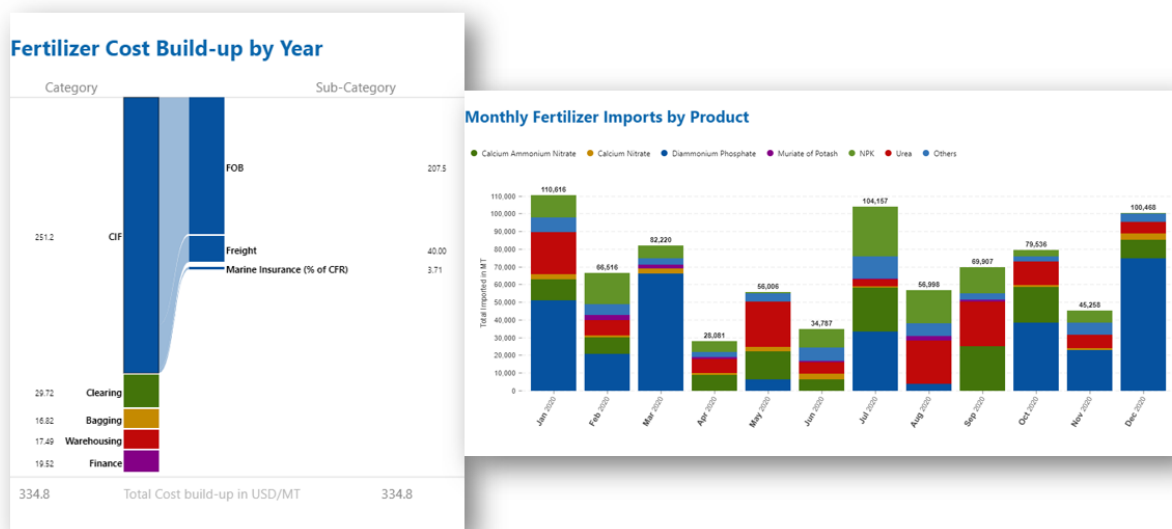


Figure 2: A Snapshot of VIFAA Kenya Dashboard

Visit the Kenya dashboard: <https://vifaakenya.org/#/kenya>

**Download Presentation:**  
 2014 - 2018 Fertilizer Trade  
 Statistics Overview  
 By Viola Kenduiywo

### 2.5 Overview of Tanzania fertilizer trade statistics

Viola Kenduiywo, Fertilizer Market Analyst under the AFO program, presented the Kenya fertilizer statistics overview for the period 2014 - 2018 with focus on 2018 data.

## Highlights

- In terms of fertilizer production, Minjingu Mines and Fertilizers Limited produces hyper phosphate, granulates and blends NPK and NP compounds in Arusha. There is also lime supplement production by ABM Equipment Services Ltd and Poli General Trading and Supplies Limited in Tanga. There are about four new blending plants that are being set up by different companies in the country.
- Urea, DAP and NPK have been the most imported fertilizers to Tanzania over the years.
- Official fertilizer imports to Tanzania increased by 23% from 2017 to 2018.
- The Bulk Procurement System (BPS) of Urea and DAP in the country was one of the contributing factors for increases.
- Fertilizers are imported mostly in the third and fourth quarters to ensure that the products are available for farmers during the planting season.
- Fertilizer imports in 2018 were at its peak in October with 101,858MT, 20% of annual import.
- Official fertilizer exports from Tanzania decreased by 4% in 2018. Almost all exports from Kenya are re-exports where fertilizers are mostly imported in bulk, blended, and bagged before exporting.
- Fertilizers to Tanzania are mainly imported from Saudi Arabia and exported mostly to Burundi and Rwanda.
- There was a 25% increase in fertilizer apparent consumption from 2017 to 2018. 100% of Urea and 80% of DAP were imported through the BPS.

## Comments

There is need for more detailed information on blended fertilizers.

### 2.6 Review of 2019 and 2020 datasets available for Tanzania.

Fred Gyasi took participants through details of the available country data and the expected output of the group work session.

#### **Download Presentation:**

Methodology and processes  
of data validation

**By Fred Gyasi**

## Highlights

There were four data sets: 2019 and 2020 data from Tanzania Fertilizer Regulatory Authority (TFRA) and Tanzania Revenue Authority (TRA). There was a discussion on which data to validate between the 2019 and 2020 data. In 2019, only TFRA data was validated since it was already

cleaned to capture only agricultural use data. Imports data from both TRA and TFRA looked similar but there was a huge difference between the exports data. It was concluded that TFRA data be used for the validation of both imports and exports.

## 2.7 Processing of 2019/2020 Imports/Exports Datasets

Fred Gyasi led participants in the validation process of the 2019 and 2020 imports and exports datasets.

## 3.0 Second Day (20<sup>th</sup> May 2021)

On the second day of the workshop, we were able to review the validated datasets and get comments from participants on the same. There was also presentation on country fertilizer programs and initiatives from both private and public sectors.

### 3.1 Review of Processed Data

Fred Gyasi led participants to review the validated data.

#### *Highlights*

- There was a decrease in fertilizer imports from 2018 to 2019, caused by carryover stocks of about 168,873MT from 2018.
- There was an increase in fertilizer imports from 2019 to 2020 because the government allowed side importation of fertilizer by private companies aside from BPS, from July 2020.
- Franks from Minjingu Phosphates was to provide information on raw materials used for production i.e. DAP and Urea, after the workshop, to avoid double counting.
- Minjingu is not that popular and has small coverage in its own country, Tanzania. Participants suggested that they promote their products more especially to farmers through demo trials and take advantage of the current favorable fertilizer policies in the country.
- Reason for increased fertilizer prices is high production cost of raw materials.
- Importation of fertilizer in 2021 might be low. They are waiting for BPS to announce their tender.

## 3.2 Update on Country Fertilizer Programs and Initiatives

### 3.2.1 Minjingu Mines Presentation

Franks Kamhabwa gave a presentation about Minjingu mines, Tanzania.

**Download Presentation:**  
Minjingu Fertilizers  
**By Franks Kamhabwa**

## Highlights

- Minjingu Mines & Fertilizer Limited (MMFL) is a company that mines the Phosphate Rock and carries further processes to transform the Rock into Organic and Blended Fertilizers.
- It is the only Phosphate mining and fertilizer manufacturing company in East Africa which is a resource based and produces Compound Blended Fertilizers.
- MMFL's vision is to be the prominent producer and preferred supplier of all basic fertilizers in Tanzania and the wider East African region, by using the local Phosphate resource available which is of Biogenic and ideal for applications on the acidic soils of East Africa.
- The Company's mission is to manufacture high quality fertilizers which are crop and geographic area specific so that farmers achieve maximum crop yields.
- The seven products produced at Minjingu include Minjingu Top-dressing, Gold Leaf Tobacco, Minjingu Chai, White Diamond Pamba, Coffee Plus, and Minjingu Organic Hyper Phosphate.

### 3.2.2 Bulk Procurement System

- The TRFA was established through the fertilizer Act and mandated by the fertilizer bulk procurement regulation GN 49/2017 to coordinate importation of fertilizer through the BPS. The fertilizer (bulk procurement) regulation requires the prescribed types of fertilizer to be under the bulk procurement system. Tanzania Fertilizer Regulatory pre-qualifies fertilizer dealers' importation of CAN, SA, NPK DAP and Urea fertilizer in Tanzania under the BPS.
- There was a 23% increase in imports in 2017 to 2018. This can be attributed to increased importation of Urea and DAP under the BPS.
- There was an increase in fertilizer imports from 2019 to 2020- The increase in imports in 2020 was because the government allowed side importation of fertilizer by private companies aside from BPS from July 2020.
- Importation of fertilizer in 2021 might be low. They are waiting for BPS to announce their tender.

## 4.0 Results of 2019 - 2020 fertilizer statistics review and validation

### 4.1 Fertilizer Production

Minjingu Mines and Fertilizers Limited produces Hyper Phosphate which is Organic Rock Phosphates mixed with other micronutrients, granulates and blends NPK and NP compounds in Arusha. There are also lime supplement production by ABM Equipment Services Limited and APP Lime Products Company Limited in Tanga.

ETC Cargo Limited (ETG) and Yara Tanzania have also invested in blending plants that allow them to create different fertilizer formulations.

**Table 2: Fertilizer production in Tanzania, 2010 - 2020**

Fertilizer	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Phosphate Rock	11,102	4,761	1,560	25,660	-	35,000	2,300	10,168	2,375	13,487	22,982
NPS/NPK	1,368	5,815	36,916	35,000	15,000		3,900	9,066	7,733	14,657	6,572
<b>Grand Total (mt)</b>	<b>12,470</b>	<b>10,576</b>	<b>38,476</b>	<b>60,660</b>	<b>15,000</b>	<b>35,000</b>	<b>6,200</b>	<b>19,234</b>	<b>10,108</b>	<b>28,144</b>	<b>29,554</b>

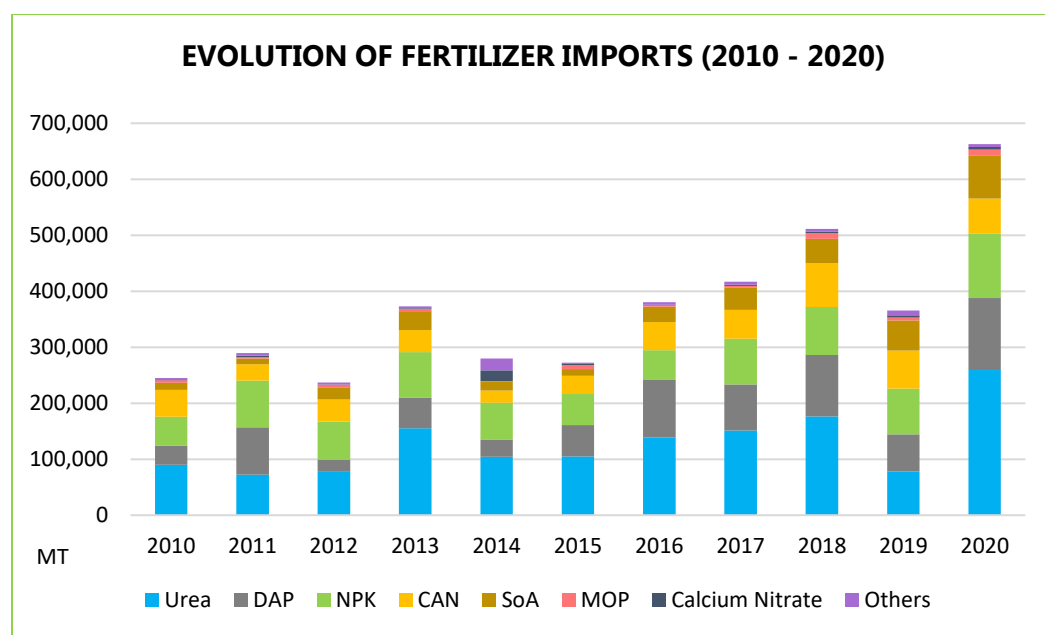
Note: Some NPK are granulated and others are blended

## 4.2 Fertilizer Imports

Fertilizer imports in Tanzania decreased from 511,510mt in 2018 to 365,808mt in 2019. However, there was a huge increase in 2020 to 662,868mt. One reason for the huge increase in 2020 is that, the government of Tanzania allowed private sector to import a lot of fertilizers besides the BPS.

**Table 3: Fertilizer Imports in Tanzania, 2010 – 2020**

Fertilizer	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Urea	90,213	72,123	78,976	155,274	104,644	104,918	138,815	151,319	176,562	78,090	259,269
DAP	34,154	84,608	19,460	54,390	30,616	56,205	102,667	82,207	109,706	66,101	128,474
NPK	51,216	83,526	68,692	81,527	66,012	55,379	53,292	81,842	85,701	81,760	115,159
CAN	48,460	29,433	39,342	39,399	21,304	32,592	50,378	51,450	78,150	68,228	62,673
SoA	12,458	9,998	21,910	33,782	16,406	11,811	27,178	39,222	43,210	53,647	77,134
MOP	4,608	2,430	4,805	4,127	375	6,794	2,137	3,263	10,744	5,007	10,547
Calcium Nitrate	1,491	2,740	248	1,046	19,333	2,512	1,405	2,816	1,882	3,989	4,472
Others	2,298	4,594	3,402	3,691	20,977	2,023	4,530	5,124	5,556	8,987	5,140
<b>Grand Total (mt)</b>	<b>244,896</b>	<b>289,452</b>	<b>236,835</b>	<b>373,235</b>	<b>279,666</b>	<b>272,234</b>	<b>380,402</b>	<b>417,242</b>	<b>511,510</b>	<b>365,808</b>	<b>662,868</b>



**Figure 3: Evolution of fertilizer imports (2010 – 2020)**

Blending companies import Urea, DAP and MOP to blend different NPK formulations for farmers in Tanzania and re-export to neighboring countries. Blenders and other major importers also import finished NPKs to sell directly to farmers. The table below shows the various grades and volumes of NPKs that were imported to Tanzania in 2019 and 2020.

**Table 4: Tanzania NPK import per volume, 2019 and 2020**

NPK, NP, PK and NK Imports	2019	2020
NPK 23 10 5	6,066	24,902
NPK 10 18 24	26,158	22,224
NPK 17 17 17	16,783	21,868
NPK 8 14 19		20,173
NPK 13 24 12		8,336
NPK 15 9 20	6,601	6,600
NPK 22 6 12	9,936	5,671
NPK 12 24 12	6,359	2,750
NPK 25 5 5 + 4S		600
NPK 20 10 10	3,276	550
NPK 25 5 5	522	500
NPK 19 19 19 + TE		146
NP 12 45 0 + 5S + 0.2Zn	5,500	
NP 19 38 0 + 7S	4,500	
Others	886	868
<b>Total (mt)</b>	<b>86,587</b>	<b>115,186</b>

### 4.3 Fertilizer Exports

Majority of fertilizer exports and re-exports from Tanzania were mostly to Rwanda and Burundi in both 2019 and 2020. Other countries include Kenya, Zambia, Democratic Republic of the Congo (DRC), and Uganda.

**Table 5: Fertilizer Exports from Tanzania, 2010 - 2020**

Fertilizer	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
DAP	6,567	65	101	9,756	-	19,682	887	26,019	34,792	39,363	52,556
NPK	12,860	466	10,892	12,018	383	12,353	20,057	9,939	26,763	52,869	31,983
Urea	10,658	212	172	3,048	5,302	24,558	18,131	30,692	15,014	20,608	42,541
Phosphate Rock	1,313	2,241	994	1,553	207	8,896	2,860	7,637	1,949	21,112	22,600
Others	8,928	1,572	30	3,739	52	4,279	4,059	13,223	5,711	7,875	11,909
<b>Grand Total (mt)</b>	<b>40,326</b>	<b>4,556</b>	<b>12,188</b>	<b>30,115</b>	<b>5,944</b>	<b>69,767</b>	<b>45,994</b>	<b>87,510</b>	<b>84,228</b>	<b>141,827</b>	<b>161,589</b>

#### 4.4 Fertilizer Apparent Consumption

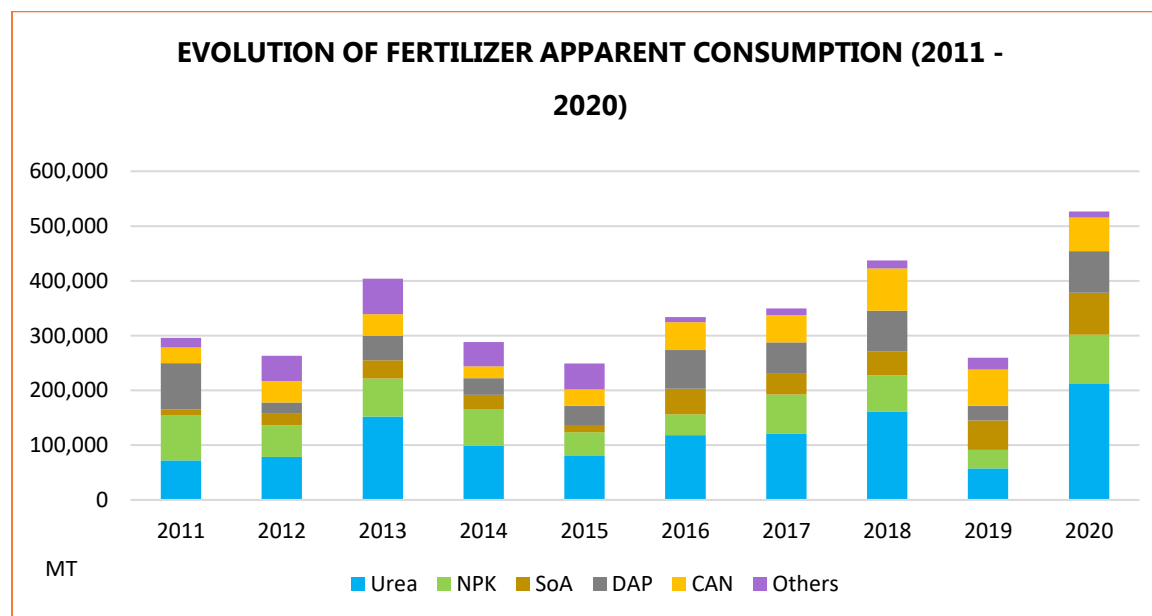
Apparent consumption of fertilizers in Tanzania decreased from 437,390mt in 2018 to 259,750mt in 2019. Just as imports, there was a huge increase in 2020 at 526,765mt.

Several reasons contributed to the decrease in apparent consumption in 2019. One of them is that, there were lots of carry-over stocks from 2018 into 2019.

Other reasons for the huge increase in 2020 are that, about 141,980mt of fertilizers were imported in the last quarter and most of them were carried over to 2021; the removal of export ban for agricultural products such as maize, which means farmers could get good price in the market and afford to buy fertilizer; and the awareness of fertilizer utilization to farmers (increase of extension service, most companies promote their products to farmers).

**Table 6: Fertilizer apparent consumption in Tanzania, 2011 - 2020**

Fertilizer	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Urea	71,911	78,804	152,198	98,953	80,360	118,245	120,627	161,548	57,482	211,986
NPK	83,064	57,804	69,508	65,938	43,026	38,181	71,903	65,905	34,126	89,749
SoA	9,998	21,880	33,323	26,982	11,811	46,699	39,222	43,210	53,417	76,634
DAP	84,749	19,359	44,634	30,616	36,523	70,790	56,188	74,914	26,738	75,918
CAN	28,431	39,342	39,129	21,289	29,792	50,378	49,450	77,020	66,328	61,263
Others	17,895	46,050	65,065	44,321	47,877	9,338	12,102	14,793	21,659	11,215
<b>Grand Total (mt)</b>	<b>296,047</b>	<b>263,240</b>	<b>403,857</b>	<b>288,100</b>	<b>249,389</b>	<b>333,631</b>	<b>349,491</b>	<b>437,390</b>	<b>259,750</b>	<b>526,765</b>



**Figure 4: Evolution of fertilizer apparent consumption (2011 – 2020)**

## 5.0 Recommendations

- Beatrice Rwegoshora from NBS suggested to have the AFO website link on their NBS portal for popularity in Tanzania.
- Jillahoma Mussa suggested that the FUBC which captures demand should be updated (last FUBC study was done in 2018)
- Participants suggested that more information on blended fertilizers be provided.

## 5.1 Conclusion

The workshop ended at 4pm with Doris Jepkorir giving vote of thanks whereby she thanked all participants for their input and active participation throughout the workshop.



## Annexes

### Agenda

Wednesday 19 <sup>th</sup> May		
Time	Activity	Responsible
0840-0900H	Registration	Doris/Viola
0900-0930H	Welcome Address	Mary M.
	Introduction of participants	
	Program overview and objectives	
0930-0950H	Update on CountrySTAT	Jillahoma M/Beatrice R.
0950-1010H	Overview of AFO activities	Fred G
1010- 1030H	Guide on navigating the AFO website/New AFO website	Fred G.
1030-1100H	<b>Coffee break</b>	
1100-1120H	Review CountrySTAT output tables Tanzania 2018	Viola K.
1120-1140H	Review of 2019 & 2020 datasets available from Tanzania	Fred G.
1140-1300H	Group work-Processing 2019 and 2020 import data sets for Tanzania	Fred G.
1300-1400H	<b>Lunch break</b>	
1400-1600H	Group work-Processing 2019 and 2020 import/export data sets for Tanzania	Country Teams
1600-1630H	<b>Coffee break</b>	
1630-1730H	Group work-Processing 2019 and 2020 export data sets for Tanzania	Country Teams
1730H	Adjourn	
Thursday 20 <sup>th</sup> May		
0900-0920H	Registration	Doris/Viola
0920-0930H	Program overview and objectives	Mary M.
0930H-1010H	Updates on country fertilizer programs and initiatives <ul style="list-style-type: none"> <li>• BPS</li> <li>• Fertilizer production projects</li> <li>• Fertilizer policy</li> <li>• Ministry Updates</li> </ul>	Mselem S. Private sector Private sector Michael Shida]
1000H-1040H	<b>Coffee break</b>	
1040-1130H	<b>Group work: Review of processed data</b>	Fred. G/ Country Teams
1130-1200H	Presentation of validated Country Output tables	Team leader
1200-1210H	Vote of Thanks/Adjourn	Doris K
1210-1400H	<b>Lunch break</b>	

## List of participants

Name	Institution	Type	Email
<b>Beatrice Rwegoshora</b>	National Bureau of Statistics	Public	<a href="mailto:beatrice.rwegoshora@nbs.go.tz">beatrice.rwegoshora@nbs.go.tz</a>
<b>Jillahoma Mussa</b>	National Bureau of Statistics	Public	<a href="mailto:jillahoma.wemmao@nbs.go.tz">jillahoma.wemmao@nbs.go.tz</a>
<b>Michael Shida</b>	Ministry of Agriculture	Public	<a href="mailto:michaellufungulo@yahoo.com">michaellufungulo@yahoo.com</a>
<b>Franks Kamhabwa</b>	Minjingu Mines	Private	<a href="mailto:extsales@minjingu mines.com">extsales@minjingu mines.com</a>
<b>Juma Mwinyihaji</b>	Tanzania Revenue Authority	Public	<a href="mailto:jmwinyihaji@tra.go.tz">jmwinyihaji@tra.go.tz</a>
<b>Mselem Zuberi Suleiman</b>	Tanzania Fertilizer Regulatory Authority	Public	<a href="mailto:mselem.selemani@tfra.go.tz">mselem.selemani@tfra.go.tz</a>
<b>Salome Pastory</b>	ETG	Private	<a href="mailto:etgmarketing@etgworld.com">etgmarketing@etgworld.com</a>
<b>Ranjeet Kumar</b>	ETG	Private	<a href="mailto:Ranjeet.kumar@etgworld.com">Ranjeet.kumar@etgworld.com</a>
<b>Rhoda Mwita</b>	Premium Agro Chem Ltd	Private	<a href="mailto:report915@gmail.com">report915@gmail.com</a>
<b>Fred Gyasi</b>	IFDC	PIO	<a href="mailto:fgyasi@ifdc.org">fgyasi@ifdc.org</a>
<b>Viola Kenduiywo</b>	IFDC	PIO	<a href="mailto:vkenduiywo@ifdc.org">vkenduiywo@ifdc.org</a>
<b>Doris Jepkorir</b>	IFDC	PIO	<a href="mailto:djepkorir@ifdc.org">djepkorir@ifdc.org</a>
<b>Mary Maina</b>	IFDC	PIO	<a href="mailto:mmaina@ifdc.org">mmaina@ifdc.org</a>

[Link to all presentations](#)