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# GAIN Report

Global Agricultural Information Network

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## Kenya

### Grain and Feed Annual

#### 2017 Kenya Corn, Wheat and Rice Report

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**Report Highlights:**

FAS/Nairobi forecasts an increase in Kenya's corn, wheat and rice production in the marketing year (MY) 2017/2018 mainly due to a recovery from the effects of the severe drought experienced in MY 2016/2017. Consequently, post expects the demand for the three commodities to increase due to a surge in human consumption of corn, wheat and rice based food products, and due to increased use of corn and wheat in livestock feeds manufacture. Imports of the commodities will offset the supply shortfall.

## Corn

The drought situation in Kenya in the MY 2016/2017 was a major setback in the efforts by both the national and the county governments to increase corn production. The drought compounded other underlying constraints such as soil acidification, lack of access to improved seeds, and the effects of maize lethal necrosis (MLN). While production has largely been stable in the key commercial production areas of Rift valley, drought-induced production losses were significant in the smallholder production areas in Eastern and Central Kenya. Kenya's Meteorological Department (KMD) has forecast favorable weather patterns in MY 2017/18, and expectations are Kenya's corn production at that time will rebound. In addition, the Government of Kenya (GOK) and the county governments in the corn producing areas are putting in place recovery programs that include distribution of certified seeds and fertilizers to farmers. GOK is also continuing with its food security investment program at the Galana/Kulalu irrigation scheme, and in establishing storage facilities in order to reduce postharvest losses and reduce aflatoxin contamination.

**Corn: Production, Supply, and Distribution (PSD) Table**

<b>Corn</b>	<b>2015/2016</b>		<b>2016/2017</b>		<b>2017/2018</b>	
<b>Market Begin Year</b>	<b>Jul 2015</b>		<b>Jul 2016</b>		<b>Jul 2017</b>	
<b>Kenya</b>	<b>USDA Official</b>	<b>New Post</b>	<b>USDA Official</b>	<b>New Post</b>	<b>USDA Official</b>	<b>New Post</b>
<b>Area Harvested</b>	1700	0	1700	1700		1700
<b>Beginning Stocks</b>	213	213	258	258		223
<b>Production</b>	2800	2800	2850	2500		2800
<b>MY Imports</b>	1000	1000	1000	1300		1000
<b>TY Imports</b>	1000	1000	1000	1300		1000
<b>TY Imp. from U.S.</b>	0	0	0	0		0
<b>Total Supply</b>	4013	4013	4108	4058		4023
<b>MY Exports</b>	5	5	0	10		5
<b>TY Exports</b>	5	5	0	10		5
<b>Feed and Residual</b>	350	350	375	375		400
<b>FSI Consumption</b>	3400	3400	3450	3450		3500
<b>Total Consumption</b>	3750	3750	3825	3825		3900
<b>Ending Stocks</b>	258	258	283	223		118
<b>Total Distribution</b>	4013	4013	4108	4058		4023

(1000 HA) ,(1000 MT)

Source of data: GOK, Global Trade Atlas (GTA) - otherwise FAS/Nairobi Estimates

## Notes on PSD Table

- In 2016/2017, Kenya's corn production decreased due to effects of the severe drought, that was widespread in the Eastern and Central regions of Kenya
- Area harvested is forecast to remain flat in 2017/2018; the loss of production in MY 2016/2017 is expected to adversely affect the ability of farmers to open and commit more land to corn in MY 2017/2018
- An increase in production in MY 2017/2018 is forecast due favorable weather, and recovery programs by both the national and county governments
- Growth in corn consumption will be contributed partly by a new major private sector investment in livestock feeds manufacture
- Corn imports are forecast decrease in MY 2017/2018, after an increase in MY 2016/2017 due to a GOK's drought mitigation imports
- Stocks are normally held by the National Cereals and Produce Board (NCPB), farmers and traders

Corn remains the staple food crop in Kenya and consumption is expected to continue increasing despite the diversification of Kenyan diets. Demand for corn in the manufacture of animal feeds is also expected to increase due to recent major private sector investment in the subsector. Kenya will therefore remain a corn deficit country and the need for imports will remain into the foreseeable future. In MY 2016/2017, imports into Kenya from other East African Community (EAC) countries were minimal due to the general supply shortfall in the region. The GOK is reportedly exploring other non-EAC sources while taking into account the steep EAC common external tariff currently set at 50% ad-varolem and Kenya's import ban on genetically modified (GM) products.

In the last few months, retail prices for corn and corn products have increased substantially due to the dwindling supply. In February, 2017 for instance, the price of 90-kg bag of corn was at an average of Ksh 3,500 (\$35 USD) compared to Ksh 2,800 (\$28 USD) in September, 2016. The occasional release of the strategic reserves by the Kenya's National Cereals and Produce Board (NCPB) has not reversed the upward trend.

### **Wheat**

FAS/Nairobi forecasts wheat production in Kenya to increase modestly in 2017/2018 after a recovery from the drought that affected production in the Timau/Laikipia region in MY 2016/2017. In addition to the unstable weather conditions, wheat production in Kenya continues to be constrained by widespread use of recycled seed by farmers, and the resultant prevalence of the wheat stem rust (Ug99) disease. Efficient wheat farming is also hindered by the unending subdivision of family-owned farms into smaller units for inheritance purposes.

Wheat consumption in Kenya continues to increase due to changing dietary patterns and an expanding and robust food service sector. In both rural and urban areas, a growing preference for wheat products is evident across the income groups and both commercial and home-baking have become common. The popularity of international pasta, confectionery and breakfast cereals brands in the Kenyan market also points to the increasing embrace of new dietary patterns. A limited amount of wheat is also used in the manufacture of livestock feeds.

Kenya's wheat production deficit has increased over the years, with local production currently accounting for less than twenty percent of the total supply, and therefore necessitating imports. In the

MY 2016/2017 the bulk of the Kenya's wheat imports were from Russia, Lithuania, Latvia Germany, Poland, Canada and Estonia. Wheat imports from the U.S. remain primarily for Food Aid programs. Imports into Kenya by registered regional millers are assessed a 10 percent ad-valorem tariff; otherwise the EAC external tariff of 35 percent applies. FAS/Nairobi forecasts a modest increase in wheat imports in the MY 2017/2018. Wheat exports from Kenya are minimal, and attributable to the limited cross-border trade with the neighboring countries.

**Wheat: Production, Supply and Distribution (PSD) Table**

Wheat	2015/2016		2016/2017		2017/2018	
Market Begin Year	Jul 2015		Jul 2016		Jul 2017	
Kenya	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Harvested	170	175	175	175		175
Beginning Stocks	221	221	275	275		315
Production	420	420	450	400		450
MY Imports	1594	1594	1625	1600		1650
TY Imports	1594	1594	1625	1600		1650
TY Imp. from U.S.	57	57	0	44		0
Total Supply	2235	2235	2350	2275		2415
MY Exports	10	10	10	10		10
TY Exports	10	10	10	10		10
Feed and Residual	150	150	150	150		160
FSI Consumption	1800	1750	1900	1800		1900
Total Consumption	1950	1900	2050	1950		2060
Ending Stocks	275	275	290	315		345
Total Distribution	2235	2185	2350	2275		2415

(1000 HA) ,(1000 MT)

Source of data: GOK, GTA – otherwise FAS/Nairobi Estimates

### Rice

Kenya mainly produces Basmati, the aromatic variety of rice, in irrigation schemes that are managed by National Irrigation Board (NIB), a GOK agency. In addition, GOK and county governments have been promoting the New Rice for Africa (NERICA), an improved, rain-fed, upland rice variety. NIB is also responsible for the rehabilitation of the irrigation schemes.

Rice consumption in Kenya continues to increase rapidly due changing dietary preferences, higher incomes and urbanization. Local production has not been able to meet the demand and the deficit is offset by imports by private traders. Imports are mainly from Pakistan, Thailand, India and Vietnam. There are also modest imports from neighboring EAC countries of Tanzania and Uganda. EAC maintains common external tariff of 75 percent ad valorem or \$345 USD per ton, whichever is higher for rice imports from non-EAC countries. Kenya has however been granted by EAC “the stay of application”, based on limited local production, and therefore applies the former tariff structure (that was applicable before July 1<sup>st</sup>, 2015) of 35 percent ad-valorem or \$200 USD per ton, whichever is higher. This waiver is reviewed every year by the EAC secretariat.

Kenyan consumers prefer the aromatic rice varieties and retail prices invariably reflect this preference. Retail prices for Basmati rice at the mills have typically ranged between Ksh 110 (1.00 USD) per kilogram in January to Ksh 125 (1.25 USD) per kilogram in December, and mirrors the rice production/supply cycle. In MY 2016/2017 this cycle was however breached due to the tight supply situation brought about by lower than normal production. In February, 2017, just two months into the calendar year the retail price at the mills was already Ksh 150 (1.50 USD) per kilogram underlying the adverse impact of the prevalent drought not only to producers but to consumers.

#### Rice: Production, Supply and Distribution (PSD) Table

Rice, Milled	2015/2016		2016/2017		2017/2018	
Market Begin Year	Oct 2015		Oct 2016		Oct 2017	
Kenya	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Harvested	35	35	40	40		40
Beginning Stocks	90	90	90	80		50
Milled Production	90	90	100	70		100
Rough Production	136	136	152	106		152
Milling Rate (.9999)	6600	6600	6600	6600		6600
MY Imports	460	460	470	470		480
TY Imports	460	460	470	470		480
TY Imp. From U.S.	0	0	0	0		0
Total Supply	640	640	660	620		630
MY Exports	10	10	10	10		10
TY Exports	10	10	10	10		10
Consumption and Residual	540	550	560	560		570
Ending Stocks	90	80	90	50		50
Total Distribution	640	640	660	620		630

(1000 HA) ,(1000 MT)

Source of data: GOK, GTA – otherwise FAS/Nairobi Estimates

#### Notes on PSD Table

- Area under rice forecast to remain flat in MY 2017/2018

- Production forecast to increase in MY 2017/2018, due to recovery from drought and due to the ongoing rehabilitation of water canals at the Mwea irrigation scheme
- In MY 2016/2017, rice production decreased due inadequate irrigation water at the Mwea irrigation scheme, due to the prevalent drought situation