

Grain: World Markets and Trade

China Grain Imports to Rise Higher

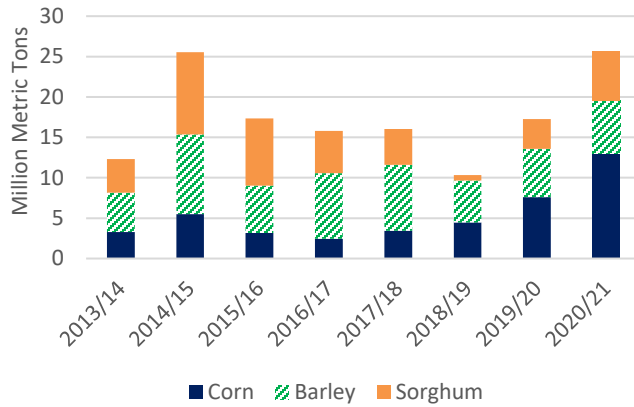
China’s combined grain imports are forecast at a record level in 2020/21 driven by demand for feedstuffs. The upsurge has partially stimulated grain trade and elevated prices in the world market.

China’s imports of coarse grains for 2020/21 (Oct-Sep) are forecast higher this month, mirroring the level seen in 2014/15 when imports spiked due to strong prices in the domestic market. The rise for 2020/21 is supported by strong recovery in the swine sector, which has been driving feed demand higher. Corn prices in the domestic market have rallied since February, and in October, the national price averaged around \$362 per ton, the highest since August 2015.

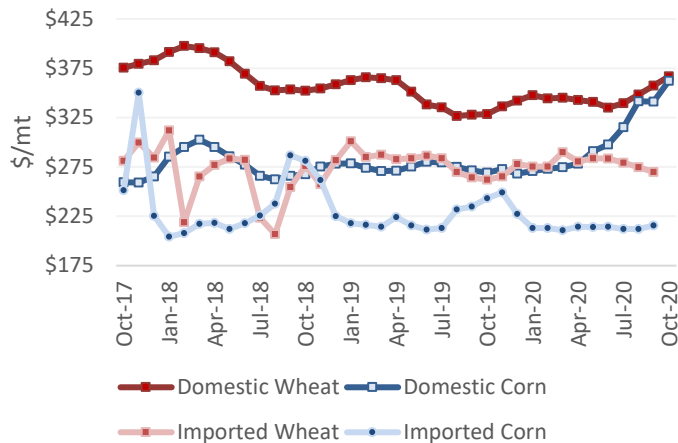
Greater imports are primarily driven by corn. The surge in corn imports is partly based on China Customs Statistics and U.S. Grain Inspections data through early November, which indicate that imports will far exceed the tariff-rate quota (TRQ) level of 7.2 million tons in calendar year 2020. There have been no public statements that would indicate that additional quota has been allocated by the National Development Reform Commission, the authority governing the TRQs.

China wheat imports of 8.0 million tons in 2020/21 are forecast at their highest level in 25 years as State Trading Enterprises are helping bolster domestic stocks and taking advantage of competitively priced foreign supplies. The price spread between the average domestic price and import price was approximately \$70 per ton in September, accounting for over one-fifth of the total domestic price. China is taking advantage of this arbitrage opportunity to help replace and rebuild aging government reserves. Moreover, the government’s domestic wheat procurements were down more than 13.5 million tons compared to last year, further incentivizing higher imports.

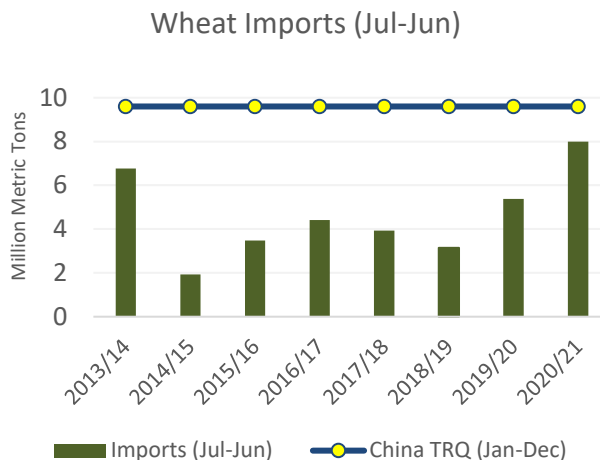
Imports of Coarse Grains (Oct-Sep)



Domestic Grain Prices Surge



The demand for feed-quality wheat has surged because of significant inflation in the domestic corn market. The differential between the national average prices for wheat and corn was below \$5 per ton in October 2020, compared with almost \$60 last year. The narrow price difference between corn and wheat (new-crop price) is driving significant auction sales of old-crop domestic wheat (at parity or lower than new-crop corn in some instances). In October 2020, domestic auctions sold more than 7.1 million tons compared with the previous year.



In contrast, China rice imports are forecast lower compared to last year. The challenges that exist in the feed market have not been as concerning for China in the food market. Food use, which accounts for the vast majority of use, is estimated to be lower in 2020/21 as the government has implemented policies to reduce food waste. Although feed use for rice is typically minimal, this year more rice is being used for feed as the government draws down the massive old crop supplies in sales at very low prices. Notably, the China export forecast is trimmed, with more of the old-crop supplies from auctions expected to meet the strong domestic feed demand rather than expanding to additional foreign markets.

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The Foreign Agricultural Service (FAS) updates its production, supply and distribution (PSD) database for cotton, oilseeds, and grains at 12:00 p.m. on the day the *World Agricultural Supply and Demand Estimates* (WASDE) report is released. This circular is released by 12:15 p.m.

To download the tables in the publication, go to Production, Supply and Distribution Database ([PSD Online](#)): scroll down to Reports, and then click Grains.

FAS Reports and Databases:

[Current World Markets and Trade and World Agricultural Production Reports](#)

[Archived World Markets and Trade](#) and [World Agricultural Production Reports](#)

[Production, Supply and Distribution Database \(PSD Online\)](#)

[Global Agricultural Trade System \(U.S. Exports and Imports\)](#)

[Export Sales Report](#)

[Global Agricultural Information Network \(Agricultural Attaché Reports\)](#)

Other USDA Reports:

[World Agricultural Supply and Demand Estimates \(WASDE\)](#)

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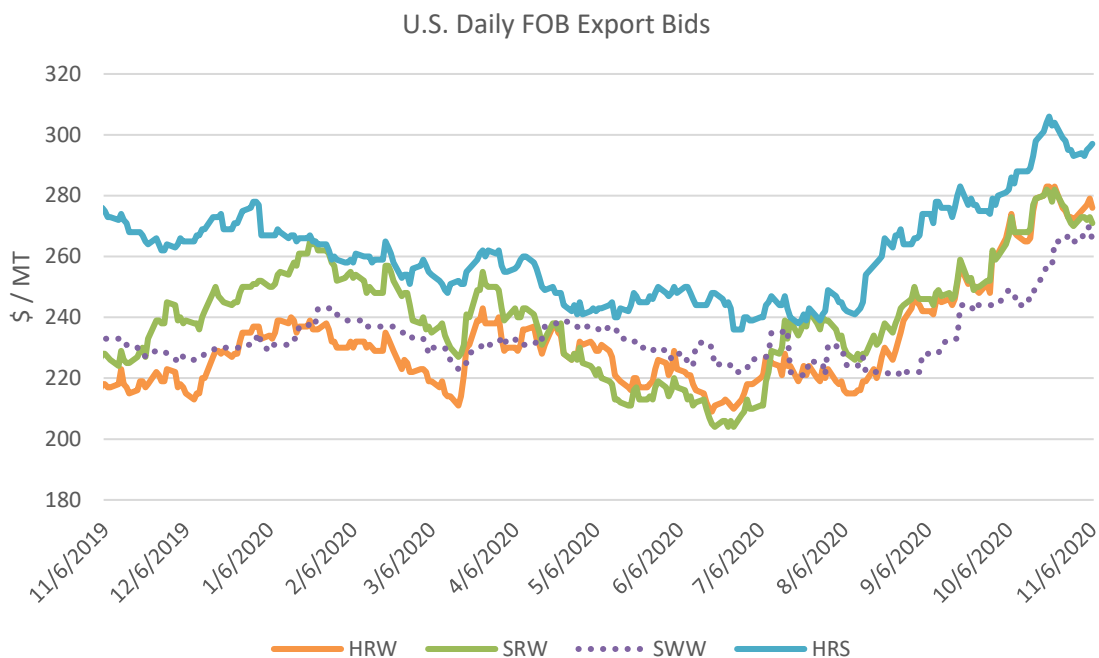
WHEAT

OVERVIEW FOR 2020/21

Global production is down this month with lower crops for Argentina and Turkey more than offsetting a higher Russia harvest. Global consumption is boosted on higher feed consumption in China, the European Union, and Vietnam. Global trade is also up, driven by higher Russia, European Union, and Kazakhstan exports; China and Pakistan imports are raised for the third consecutive month. The projected U.S. season-average farm price is unchanged at \$4.70 per bushel.

WHEAT PRICES

Domestic: Prices for most U.S. wheat classes were up for the third consecutive month, owing mostly to unfavorable early-season crop conditions for U.S. winter wheat and newly planted winter wheat in the Black Sea region. Prices also rose on increased speculative buying of wheat futures. Hard Red Winter (HRW) climbed \$8/ton to \$276 based on strong shipments to China and continued constrained export capacity. Soft Red Winter (SRW) edged up \$3/ton and sits at \$271, supported by upward price movements for SRW futures. Continued strong shipments and sales underpinned Soft White Winter (SWW), which surged \$17/ton and witnessed the strongest upward movement to settle at \$265. Hard Red Spring (HRS) was supported by recent sales and shipments to settle at \$297.



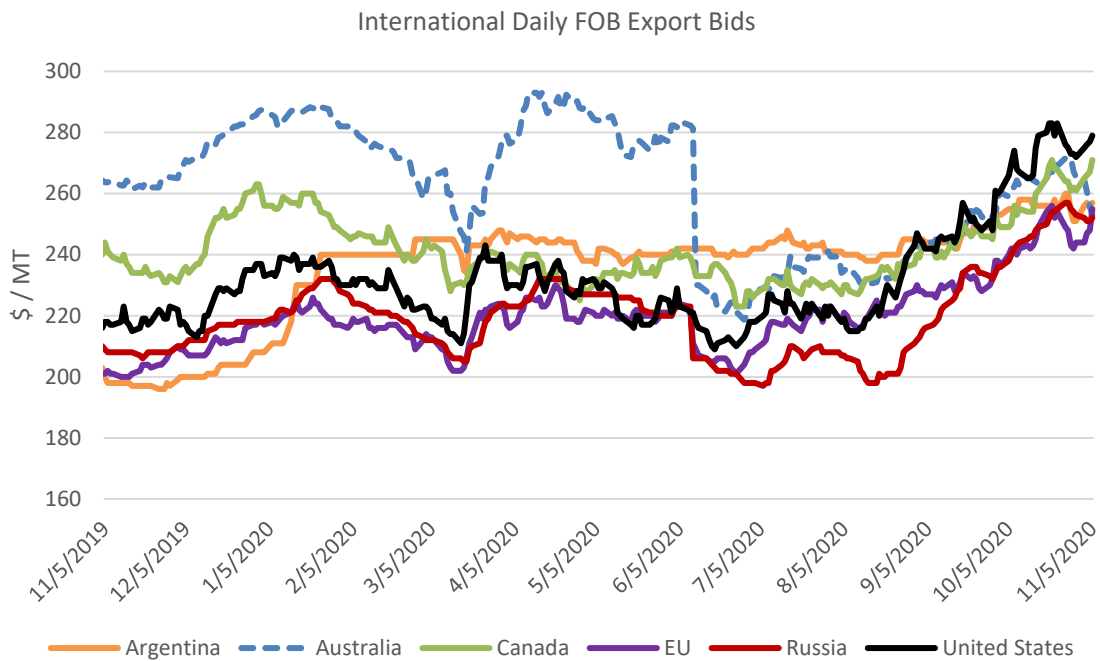
Source: IGC

*Note on FOB prices: HRW (Hard Red Winter); SRW (Soft Red Winter); SWW (Soft White Wheat); HRS (Hard Red Spring)

Global: World wheat prices remained firm this month, mostly due to dry weather impacting the start of the growing season in the Northern Hemisphere and unfavorable production conditions in Argentina. Strong global export demand drove further price spikes in Canada, European Union, Russia, and the United States, demonstrated by robust export sales reports this month. Concerns about the rise in COVID-19 infections worldwide and recent rains in Russia and the U.S. Plains softened price increases more recently.

Argentina	Australia	Canada	EU	Russia	United States
\$256	\$255	\$269	\$257	\$252	\$276

Note: As of November 6th, 2020

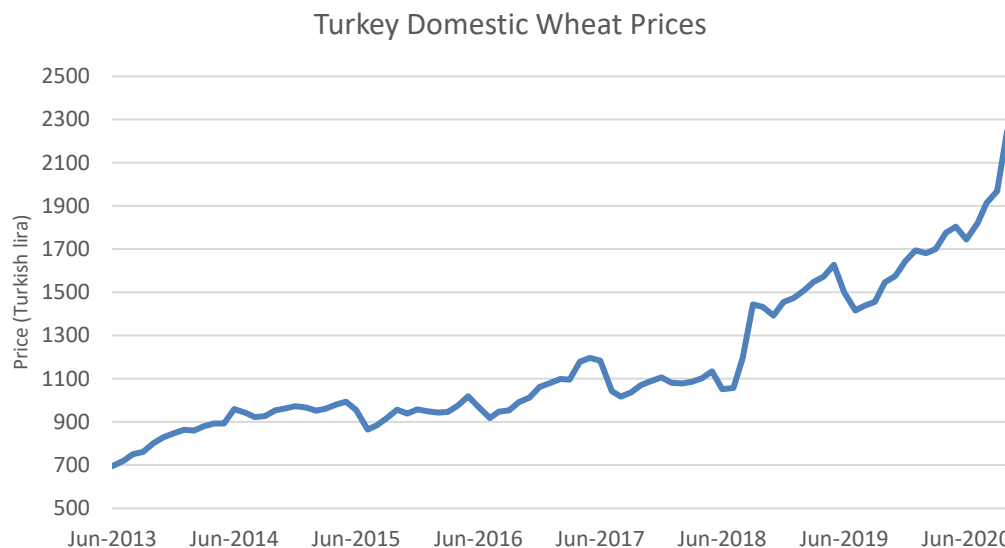


Source: IGC

*Note on FOB prices: Argentina- 12.0%, up river; Australia- average of APW; Fremantle, Newcastle, and Port Adelaide; Russia - Black Sea- milling; EU- France grade 1, Rouen; US- HRW 11.5% Gulf; Canada- CWRS (13.5%), Vancouver

MARKET FEATURE

Turkey Government Eliminates Import Taxes as Domestic Wheat Prices Surge



Source: Polatli Commodity Exchange

To combat food-price inflation, a Presidential Decree was issued in October that eliminates Turkey import taxes on wheat, corn, and barley. By reducing tariffs on wheat from 45 percent to zero through December 31, the government aims to encourage local producers to sell stocks and stabilize domestic prices. Importing wheat without taxes would be significantly less than the domestic wheat exchange prices.

This policy was implemented as Turkey domestic wheat prices have once again climbed to record levels this year. Hard Red Anatolian Wheat reached 2,333 Turkish lira (TL) per ton this month¹, a 48 percent increase from last year. With a stumbling economy and the lira depreciating rapidly, the situation for Turkey wheat producers, consumers, and traders appears bleak. Turkey's producer price index rose more than 18 percent since last year, and wheat price inflation is outpacing core inflation² by a significant margin. The Turkey state-operated grain board (known as TMO) continues to buy wheat from Turkey farmers at pre-established intervention prices,³ subsidizing domestic prices to levels higher than those of the global market. These agricultural support programs, along with high tariffs and the country's macroeconomic crisis, have driven domestic wheat prices above international prices in recent years. Moreover, with wheat prices surging internationally in October, the cost of wheat imports has also increased, further pressuring domestic prices upwards.

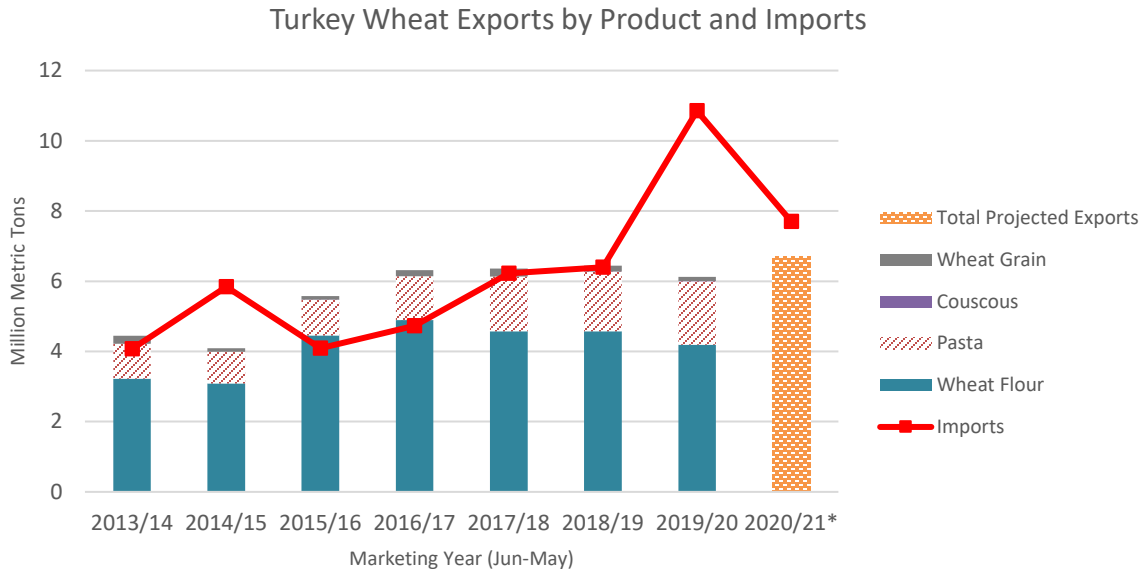
Imports are forecast down significantly since 2019/20 (Jun/May) due to a larger domestic crop, but are still likely to remain at historically high levels, supported by zero tariffs. Despite larger production,

¹ \$273 per ton at 8.52TL/USD exchange rate.

² Consumer price index (CPI) increased by 11.89 percent annually. Source: Turkish Statistical Institute.

³ This year, the TMO's wheat support prices were set at 1650 TL/MT (\$234/MT given exchange rate on the day of the May 4 announcement) for Anatolian Hard Red Milling wheat—a 300 TL increase from last year.

additional imports will be needed to fulfill internal consumption needs. Recent tenders issued by TMO have further stabilized the domestic market, and these efforts are projected to support domestic milling and curb historic inflation. These imports are also expected to satisfy the needs of its wheat processing sector. With Turkey being the world’s largest exporter of both wheat flour and pasta, the country relies on wheat imports to support processing of wheat products and exports, along with meeting domestic demand.



Source: Trade Data Monitor

Calculated using the USDA wheat grain equivalent conversion factor of 1.368 for wheat flour (HS code 1101), uncooked pasta (HS code 190219), other pasta (HS code 190230), and couscous (HS code 190240).

TRADE CHANGES IN 2020/21 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Argentina	Exports	13,000	12,500	-500	Lower crop
European Union	Exports	25,500	26,000	500	French shipments buoyed by strong China demand
Kazakhstan	Exports	6,500	6,700	200	Larger-than-expected shipments for first quarter of year
Russia	Exports	39,000	39,500	500	Larger crop and strong demand from international tenders
Algeria	Imports	7,000	6,800	-200	Government discouragement of foreign currency to finance imports due to constrained foreign currency reserves
China	Imports	7,500	8,000	500	Import pace to date and exporter shipment data after September
European Union	Imports	5,500	5,700	200	Lower domestic supplies from lower production and carryin
Korea, South	Imports	3,700	3,900	200	Greater feed demand and recent large purchases of U.S. white wheat for feed use
Mexico	Imports	5,300	5,000	-300	Slow demand evidenced by U.S. export sales and shipments data
Pakistan	Imports	1,500	2,000	500	Further government and private purchases to bolster domestic supplies and curb food price inflation arising from low stock levels
Turkey	Imports	7,000	7,700	700	Smaller domestic crop

RICE

OVERVIEW FOR 2020/21

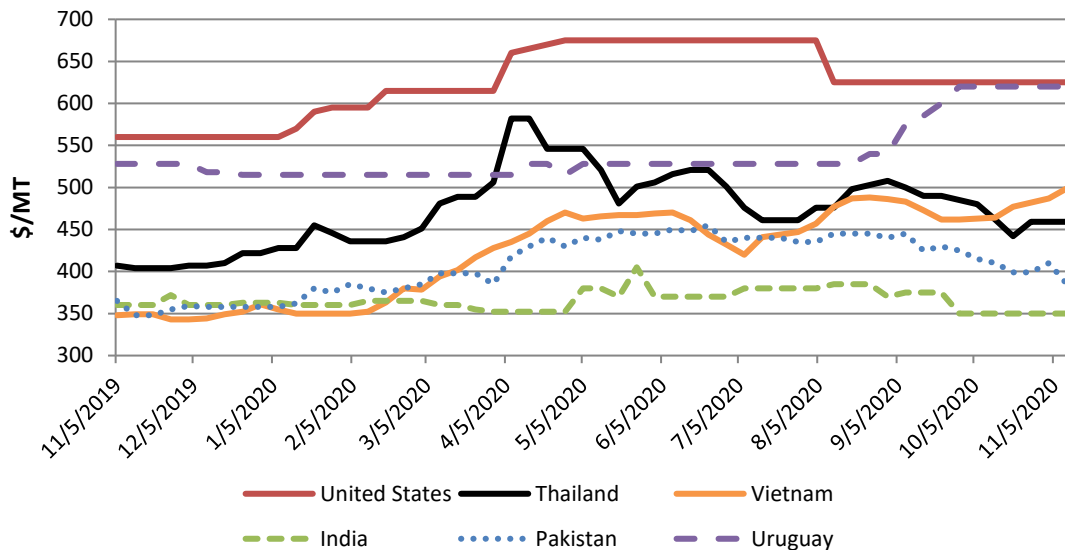
Global rice production is forecast lower this month mainly on a smaller crop in Bangladesh. Global trade is up based primarily on Turkey trade data revisions, higher imports for the European Union, and larger exports for Cambodia.

OVERVIEW FOR 2019/20

Global rice production is up slightly, with upward revisions for Paraguay, the Dominican Republic, and Taiwan. Global trade is higher, with stronger demand from the European Union, Nigeria, and Turkey. Higher exports from India, Cambodia, and Paraguay more than offset lower exports from Vietnam, China, and the United States.

RICE PRICES

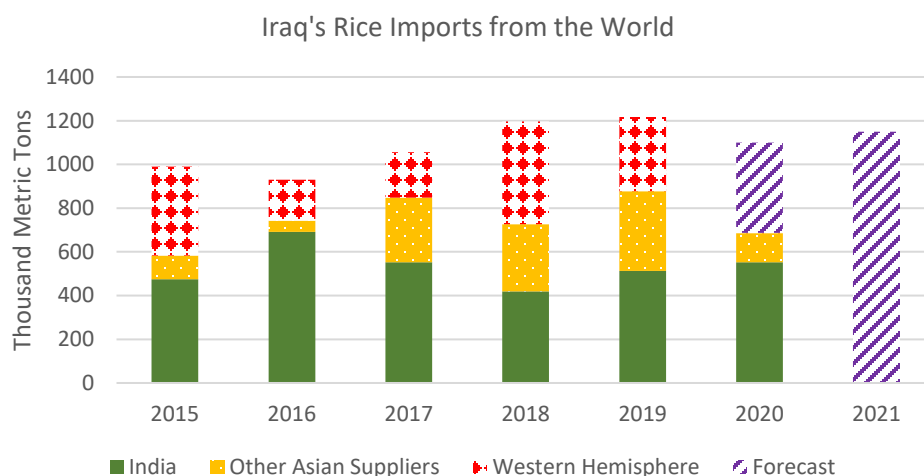
Weekly FOB Long Grain Rice Export Quotes: Last 12 Months



Global: Over the past month, U.S. long-grain export quotes have remained stable at \$625/ton, while Uruguayan quotes remain at \$620/ton due to continued tight supplies in South America. Thai quotes have dropped to \$459/ton as demand remains low. The past few weeks Thai prices have been atypically at a discount to Vietnamese quotes, which have risen to \$499/ton due to tight supplies and weather-related disruptions amid the recent harvest. Pakistani quotes are at \$385/ton, which have declined since last month amid new crop arrivals. Meanwhile Indian quotes at \$350/ton continue to be the lowest among the major exporters.

MARKET FEATURES

Iraq Increases Reliance on India for Rice

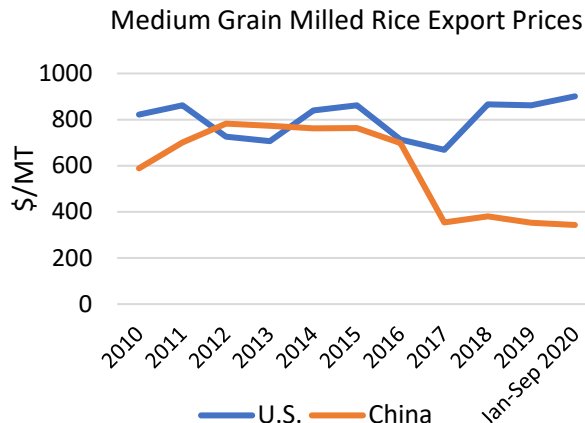
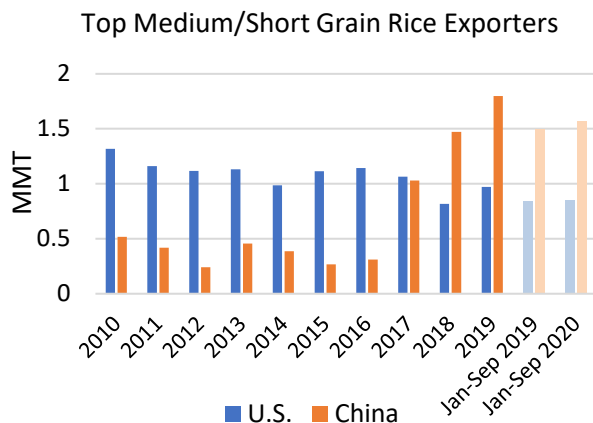


Iraq is a key Middle Eastern rice importer and is the only country in the region to source substantial quantities from both Asian and Western Hemisphere suppliers. However, this year, Iraq has purchased nearly all of its rice from India, which has more than an 80 percent market share as of August. While Iraq has been able to import almost 700,000 tons thus far, its 2020 imports have been stalled significantly due to a struggling economy amid low oil prices. With overall lower imports, tight competition in the marketplace has allowed India to prevail as the largest rice exporter to Iraq.

The majority of Iraq's imports from India are basmati, a popular fragrant rice which is similar to the locally grown rice, ambar. The remaining purchases of rice are generally long grain milled white rice, with a smaller amount of purchases being medium grain milled white rice. With basmati rice being more popular, Iraq's imports of Indian basmati rice have risen from less than 20,000 tons a decade ago to more than half a million this year. Although basmati prices are significantly higher than white rice, the gap between basmati prices and white rice prices have narrowed this year. As basmati prices become relatively less expensive and consumers continue to prefer the taste of fragrant rice, the private sector has been able to sustain these imports. In addition to basmati from India, Iraq also imports jasmine from Vietnam to fulfill its fragrant rice demand. However, with Vietnam's ban on rice exports earlier this year, India has been able to gain and hold Vietnam's lost market share.

Meanwhile, white rice that is allocated through the public distribution system has been delayed this year because of budget complications. Iraq imported a small amount of white rice from Thailand as prices have been significantly less than the Western Hemisphere suppliers. While South American countries such as Uruguay and Argentina typically have a portion of Iraq's white rice market, tight supplies and higher prices have confined their trade largely to the Western Hemisphere. The United States has typically supplied about 100-150,000 tons annually but has yet to sell to Iraq this calendar year amid tight supplies. With a larger crop this autumn and potential new sources of financing for Iraq, U.S. exporters are aiming to see Iraq purchase U.S. rice soon. However, with fewer government purchases and more private sector buying, Iraq is projected to continue relying heavily on India to supply the market.

China Expands Its Reach in the Medium Grain Market



Over the past 3 years, China has seized the medium and short grain global rice market with expanding low-priced exports. Historically, the United States has been the top medium and short grain exporter, with the European Union, Australia, and China supplying smaller shares of the market. Most rice traded internationally is long grain, but markets around the Mediterranean region and East Asia tend to import relatively more medium and short grain rice.

However, since 2017, China exports have risen sharply with sales from its abundant inventory of low-quality stocks. China medium grain milled export prices fell by one-half between 2016 and 2017 and continue to trend downward in 2020. China exports remain high largely because of low prices in comparison with other suppliers.

For most of the past decade, China exported primarily to East Asian markets: North Korea, South Korea, and Japan. Since emerging as the world's largest medium and short grain exporter, though, China exports have reached vastly different markets, extending its geographic reach considerably. The largest China rice markets in 2020 are Egypt, South Korea, Sierra Leone, and Papua New Guinea. While South Korea represents one of the core markets, the others represent new regions where China is growing its market share.

China exports are reaching new markets within the Mediterranean such as Egypt. After the Egyptian government limited rice planting area in 2018, the crop fell by more than a one-third and it turned to the global market to offset the shortfall. China thus expanded into the Mediterranean region and Egypt became its largest market. To meet domestic demand, Egypt imported nearly 450,000 tons of medium and short grain rice from China in 2019 and more than 250,000 tons so far this year. Other markets where China has expanded within the Mediterranean include Turkey, Libya, and Lebanon.

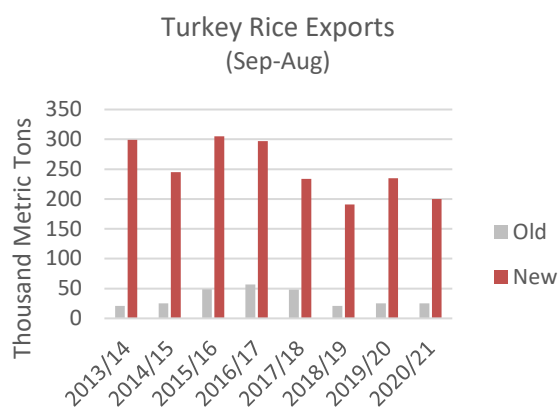
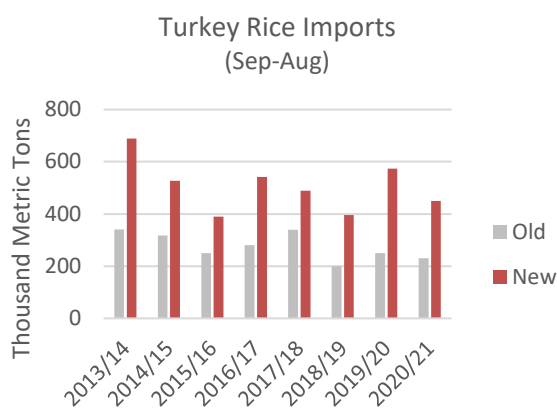
Surprisingly in 2017, China began exporting low-priced medium grain to several markets in Sub-Saharan Africa, which had not traditionally been a major market. Exports are sent to a variety of markets in Africa with Sierra Leone being the largest this year. The African markets account for nearly one-third of China medium grain exports.

A relative absence of Australia in the market has enabled China to supply markets in Oceania, including Papua New Guinea. In previous years, Papua New Guinea would import from the United States when Australia experienced production shortfalls, but recently it has turned to China instead based on low price and close proximity.

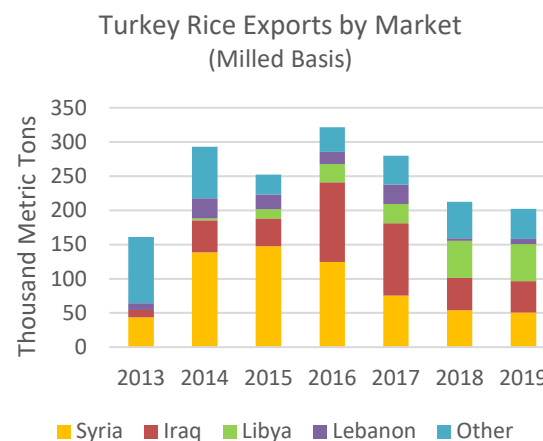
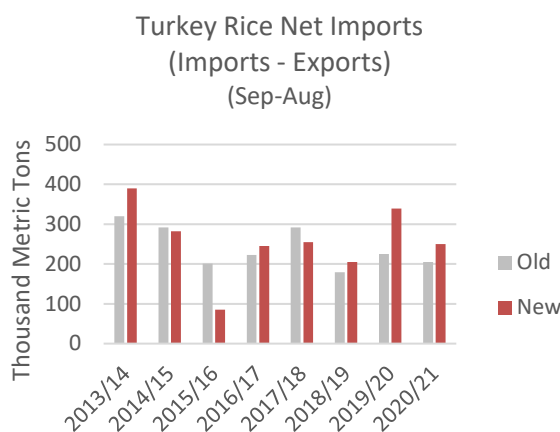
Looking into 2021, China is expected to continue liquidating its huge inventory. Despite a slowdown in exports to African countries, exports are expected to remain high based on competitively priced commercial shipments and food aid. However, strong domestic demand and the return of Australia to the market will likely limit further expansions to new markets.

Turkey Rice Trade Revisions

This month includes a multi-year revision based on updated trade data from 2013 to present that more closely aligns Turkey imports with what the exporters report as trade to the country. The series now follows the Turkey General Trade System data that includes trade entering and exiting customs warehouses and free trade zones, which were previously excluded. A large portion of Turkey’s rice imports have been paddy that has been imported and then milled, often in the free trade zones. With this new data, Turkey’s rice exports are also increased to show where those milled exports were destined. The charts below show the import and exports as reported last month compared to the current estimates.



While this revision increases both imports and exports for Turkey, the impact on the net imports (total imports minus total exports) is relatively minimal. This additional data provides more comprehensive accounting of the imports across several of its trading partners, including Iraq, Syria, Libya, and Lebanon. Exports by Turkey to these destinations and others are highlighted below.



TRADE CHANGES IN 2021 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
European Union	Imports	2,350	2,450	100	Expected continued consumption growth for imported varieties
Turkey	Imports	230	450	220	Updated forecast based on trade data revision
Cambodia	Exports	1,300	1,400	100	Improved prospects to China under current agreement
China	Exports	2,900	2,700	-200	Stronger domestic demand
Turkey	Exports	25	200	175	Updated forecast based on trade data revision

TRADE CHANGES IN 2020 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
European Union	Imports	2,300	2,400	100	Higher volumes from Asian suppliers
Nigeria	Imports	1,000	1,200	200	Sustained demand for parboiled rice
Turkey	Imports	270	500	230	Trade data revision
Cambodia	Exports	1,200	1,350	150	Strong exports to China year to date
China	Exports	2,900	2,700	-200	Reduced exports to various African markets and to Turkey
India	Exports	12,200	13,000	800	Raised to a record on competitive prices and robust shipments to Africa and the Middle East
Paraguay	Exports	700	800	100	Larger volumes to Central America and Mexico
Turkey	Exports	25	225	200	Trade data revision
United States	Exports	3,100	2,900	-200	Delayed harvest and weather-related logistical disruptions, especially along the Gulf Coast
Vietnam	Exports	6,600	6,400	-200	High prices, strong domestic demand, and few additional contracts to Southeast Asian markets

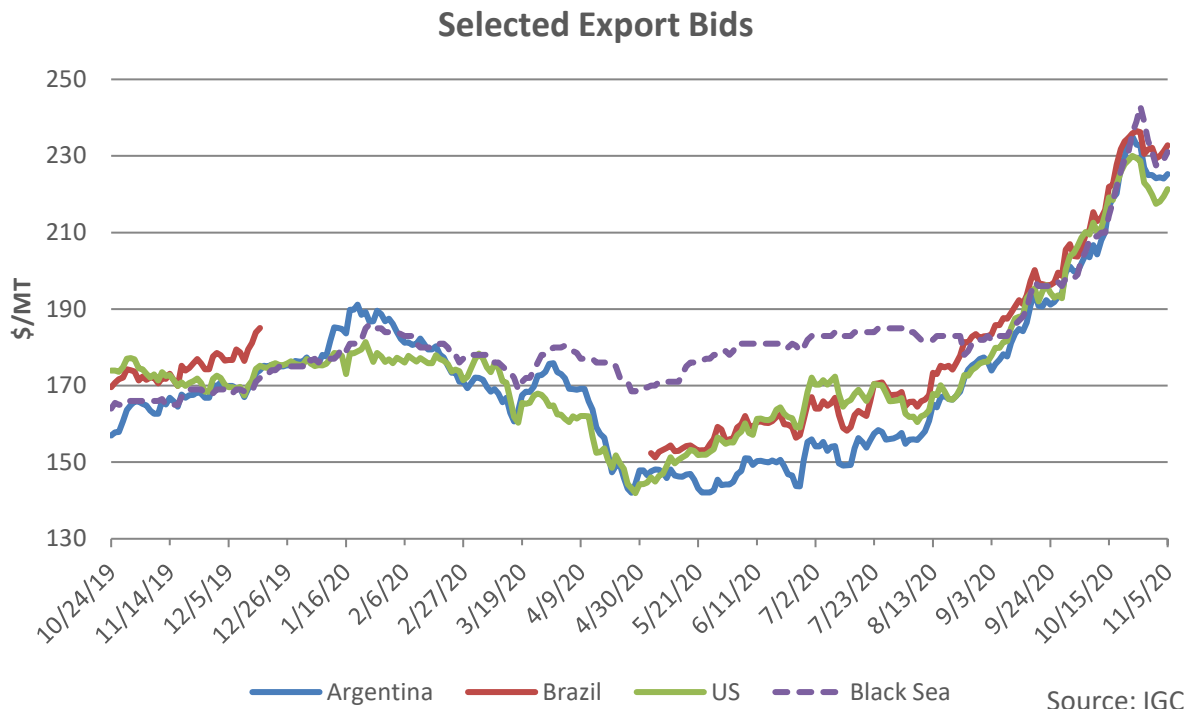
COARSE GRAINS

OVERVIEW FOR 2020/21

Global corn production is forecast substantially lower as reductions for Ukraine, the European Union, Russia, and the United States far outweigh a larger crop in South Africa. Global trade is little changed overall from last month with lower imports for the European Union, Iran, and Mexico offset by higher trade to China. Global exports are similarly little changed as declines in Ukraine and Russia are primarily offset by a gain in the United States. If realized, U.S. exports (Oct-Sep) would be a record. The U.S. season-average farm price is up \$0.40 to \$4.00 per bushel.

CORN PRICES

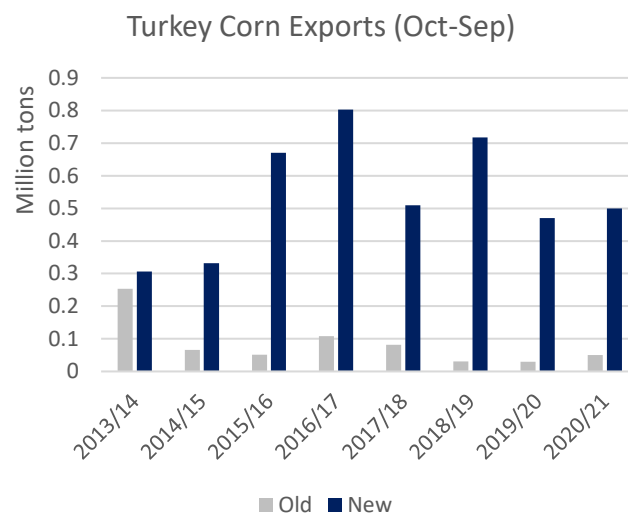
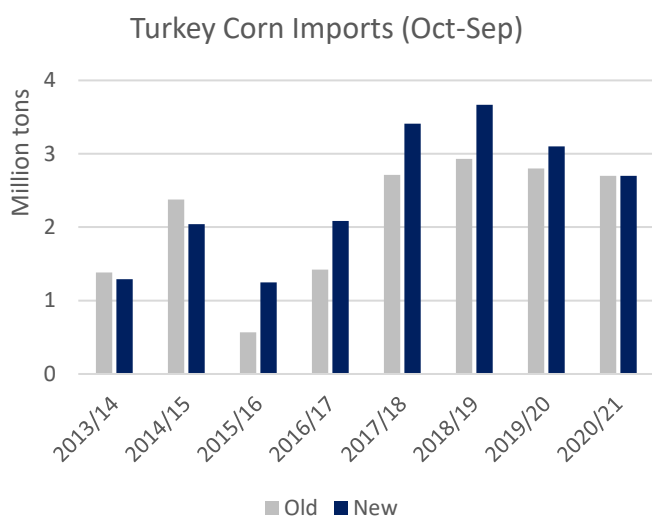
Global: Since the October WASDE, major export bids have continued their rallies as expectations for corn production in Ukraine have deteriorated. By late October, all exporters' bids were at or above \$230/ton, a price level not seen since 2014, though prices have eased a bit in the week leading up to the November WASDE. Black Sea bids are up \$28/ton to \$231 on Ukraine crop size concerns. Brazilian bids are up \$27/ton to \$233 and Argentine bids are up \$23/ton to \$225, both on tight near-by supplies. U.S. bids are up \$12/ton to \$221 on strong sales and a weaker dollar.



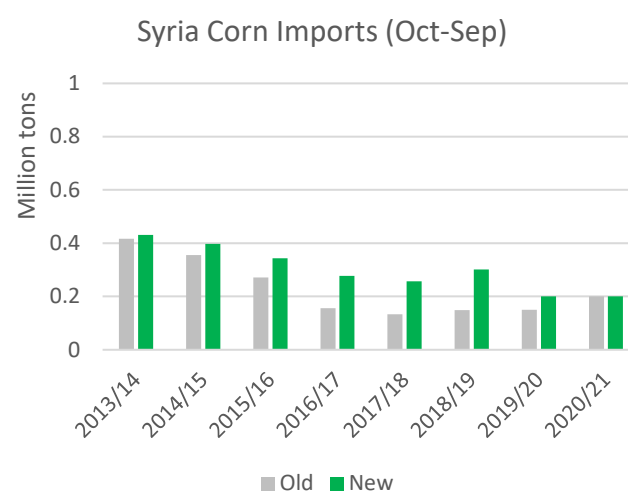
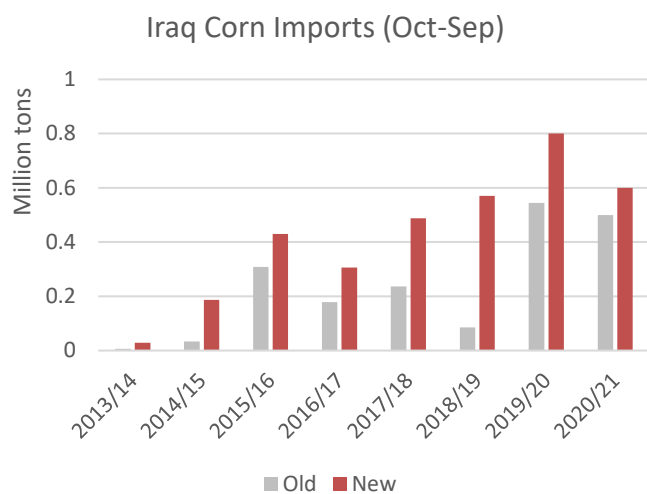
MARKET FEATURES

Turkey's Corn and Barley Balance Sheet Revised

Turkey's balance sheets for corn and barley⁴ are revised in the Production, Supply and Distribution (PSD) database to incorporate the revisions by the Turkey Statistical Institute (TSI). In October, the Foreign Agricultural Service in Ankara confirmed that the TSI revised its trade statistics to include goods entering and leaving Customs warehouses and free trade zones in Turkey. The revisions, covering from 2013 through the present, boost corn and barley imports to be more in line with exporters' data. Exports for both grains are also raised by a similar magnitude, apparently reflecting transshipments to third countries, primarily Iraq and Syria.

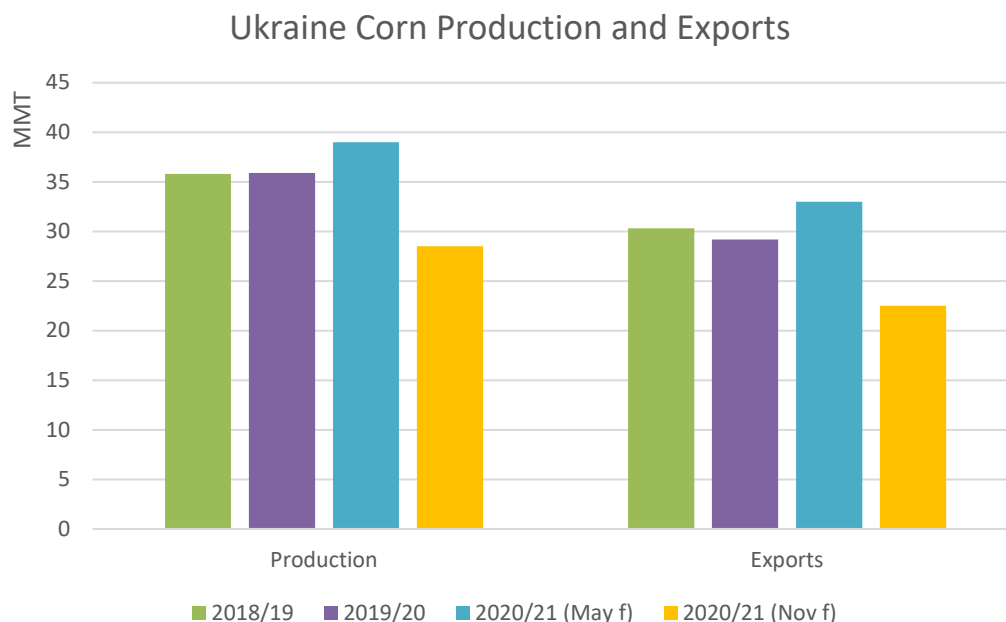


Likewise, corn and barley balance sheets for Iraq and Syria are updated in the PSD database for the same period. Turkey has become as a major transshipment point for feed grain trade in the region, and the revisions provide practical confirmation in the absence of readily available statistics by Iraq and Syria. The magnitude of revisions is larger for corn than barley in both countries. With abundant local production, barley remains the key feed grain used in both Iraq and Syria.



⁴ Only corn is graphed due to its significance.

Record-breaking Year for Ukraine Corn Slips Out of Reach



Despite an initially promising outlook for the 2020/21 year, the forecasts for Ukraine corn production and exports have fallen substantially. In May 2020, Ukraine was forecast at 39.0 million metric tons (tons) of corn production and 33.0 million tons of exports; as of this month, production and exports are down to 28.5 million tons and 22.5 million tons, respectively. Drought conditions across the country have devastated the corn crop and resulted in downward revisions. As an export-focused market, the cut to Ukraine's corn production has corresponded to lower expected exports.

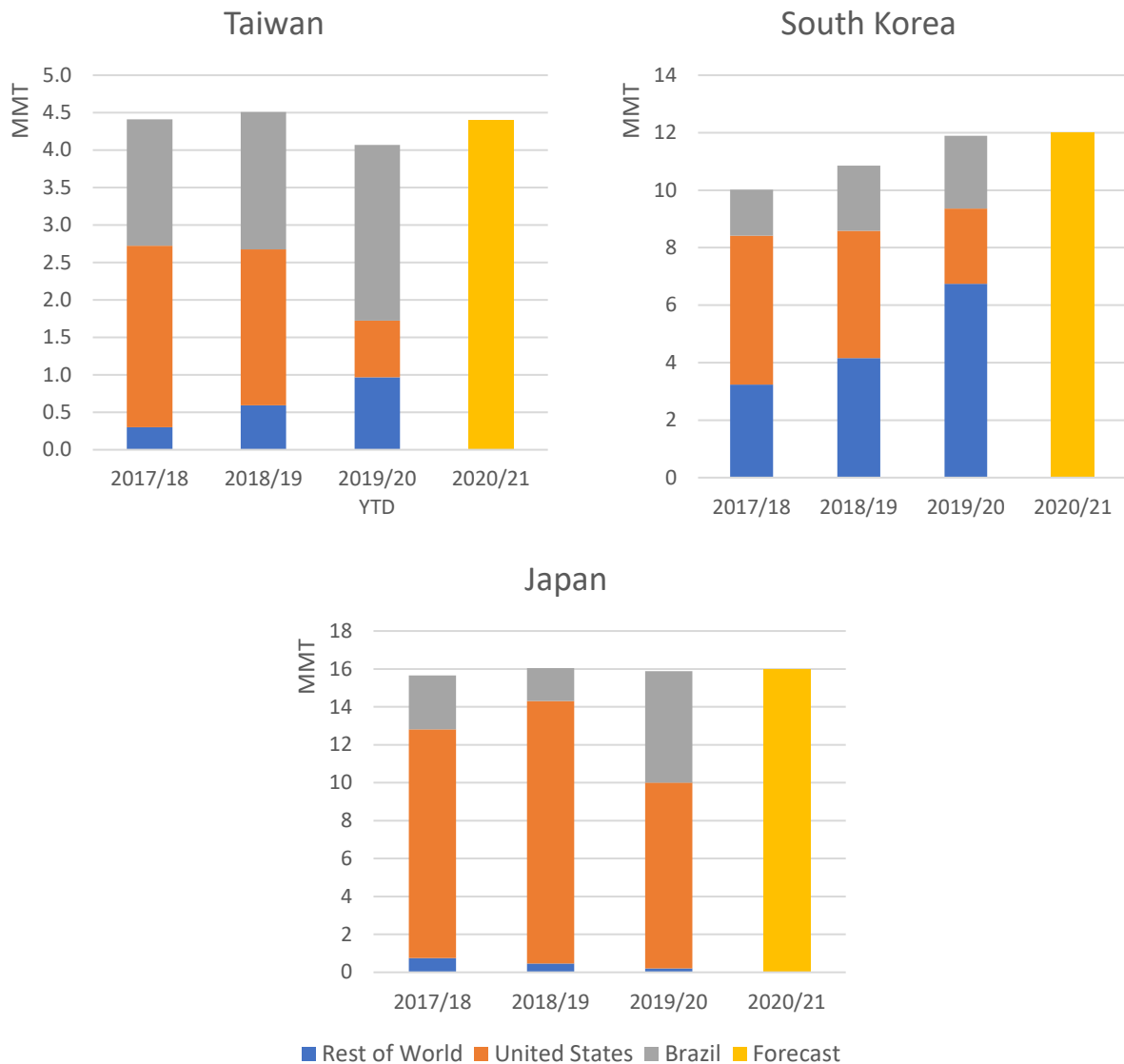
Ukraine's competitors are in position to secure more volume in two major markets – the European Union and China. As discussed in last month's *Grain: World Markets and Trade* report⁵, Ukraine and the European Union are each other's largest trading partners for corn; Ukraine is also the primary supplier of corn to China. However, Brazil is the second-largest exporter of corn to the European Union, and inspections of U.S. corn to China (since September 1) have exceeded 2.1 million tons. Moreover, as discussed in this month's cover story, China is expected to import substantively beyond its tariff-rate quota of 7.2 million tons in CY 2020.

The deep cuts to Ukraine's production and exportable supplies are expected to impact both the volume of trade with the European Union as well as market share in China. With Brazil forecast to have record production in 2020/21 and the United States forecast to have both its second-highest production on record and ample supplies, global trade is seeing a rebalancing as the United States steps up its exports, filling the gap in global markets when other corn exporters fall short. On top of the available supplies, U.S. corn is currently price-competitive against other bids as well.

⁵ <https://downloads.usda.library.cornell.edu/usda-esmis/files/zs25x844t/7h14bd24g/gq67kf77r/grain.pdf>

Aside from China, the other countries in East Asia (Japan, South Korea, and Taiwan) have historically imported substantial volumes of corn from the United States, but over the past few years, Brazil has captured some of this trade for itself. One possible rebalancing scenario would be a temporary reversal of this trend where Brazil exports smaller volumes to these markets in favor of the European Union, leaving more room for U.S. corn to fill East Asian demand. So far in 2020/21, U.S. Export Sales Reporting total commitments to each of these three countries are up from the same time last year.

Corn Imports by Origin
(Oct-Sep, Taiwan data through August 2020)



TRADE CHANGES IN 2020/21 (1,000 MT)

Country	Commodity	Attribute	Previous	Current	Change	Reason
China	Barley	Imports	5,300	6,500	1,200	Strong feed demand
	Corn	Imports	7,000	13,000	6,000	Robust demand (see cover story)
European Union	Barley	Exports	6,000	6,500	500	Demand from China
	Corn	Imports	24,000	20,000	-4,000	Cut to Ukraine exports
Iran	Barley	Imports	3,000	2,500	-500	Carryover change
	Corn	Imports	9,000	8,000	-1,000	
Mexico	Corn	Imports	18,300	17,300	-1,000	Slow growth in feed use
Russia	Corn	Exports	3,900	3,100	-800	Crop cut in southern Russia
Saudi Arabia	Barley	Imports	7,500	7,300	-200	Carryover change
South Africa	Corn	Exports	2,300	2,800	500	Larger crop
South Korea	Corn	Imports	11,800	12,000	200	Carryover change
Turkey	Corn	Exports	50	600	550	Carryover change based on historical revisions
Ukraine	Corn	Exports	30,500	22,500	-8,000	Production slashed
United States	Corn	Exports	58,000	66,000	8,000	Reduced competition

TRADE CHANGES IN 2019/20 (1,000 MT)

Based on trade data

Country	Commodity	Attribute	Previous	Current	Change
Argentina	Corn	Exports	39,640	39,911	271
Brazil	Corn	Exports	35,000	34,521	-479
China	Barley	Imports	5,300	5,969	669
	Corn	Imports	7,000	7,596	596
Colombia	Corn	Imports	6,200	5,976	-224
Iran	Barley	Imports	3,000	2,500	-500
	Corn	Imports	8,000	7,000	-1,000
Iraq	Corn	Imports	544	800	256
Kenya	Corn	Imports	500	300	-200
Mexico	Corn	Imports	17,000	16,526	-474
Russia	Barley	Exports	4,600	4,800	200
Saudi Arabia	Barley	Imports	7,500	7,200	-300
South Korea	Corn	Imports	11,600	11,892	292
Taiwan	Corn	Imports	4,200	4,400	200
Tunisia	Corn	Imports	1,100	882	-218
Turkey	Corn	Exports	2,800	3,004	204
		Imports	30	471	441
Zimbabwe	Corn	Imports	1,000	550	-450

ENDNOTES

REGIONAL TABLES

North America: Canada, Mexico, the United States

Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama

Caribbean: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, British Virgin Islands, Cayman Islands, Cuba, Dominica, Dominican Republic, French West Indies, Grenada, Guadeloupe, Haiti, Jamaica and Dep, Leeward-Windward Islands, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Turks and Caicos Islands, U.S. Virgin Islands

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands (Islas Malvinas), French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela

EU: includes countries in the customs union, including the UK (Austria, Belgium/Luxembourg, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom)

Other Europe: Albania, Azores, Bosnia and Herzegovina, Former Yugoslavia, Gibraltar, Iceland, Macedonia, Montenegro, Norway, Serbia, Switzerland

Former Soviet Union: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan

Middle East: Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen

North Africa: Algeria, Egypt, Libya, Morocco, Tunisia

Sub-Saharan Africa: all African countries except North Africa

East Asia: China, Hong Kong, Japan, South Korea, North Korea, Macau, Mongolia, Taiwan

South Asia: Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka, Maldives

Southeast Asia: Brunei, Burma, Cambodia, Indonesia, Laos, Malaysia, Philippines, Singapore, Thailand, Vietnam

Oceania: Australia, Fiji, New Zealand, Papua New Guinea

OTHER NOTES

Local Marketing Years (LMY): LMY refers to the 12-month period at the onset of the main harvest, when the crop is marketed (i.e., consumed, traded, or stored). The year first listed begins a country's LMY for that commodity (2019/20 starts in 2019); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the LMY (2019/20 starts in 2020). Key exporter LMY's are:

Wheat	Corn	Barley	Sorghum
Argentina (Dec/Nov)	Argentina (Mar/Feb)	Australia (Nov/Oct)	Argentina (Mar/Feb)
Australia (Oct/Sep)	Brazil (Mar/Feb)	Canada (Aug/Jul)	Australia (Mar/Feb)
Canada (Aug/Jul)	Russia (Oct/Sep)	European Union (Jul/Jun)	United States (Sep/Aug)
China (Jul/Jun)	South Africa (May/Apr)	Kazakhstan (Jul/Jun)	
European Union (Jul/Jun)	Ukraine (Oct/Sep)	Russia (Jul/Jun)	
India (Apr/Mar)	United States (Sep/Aug)	Ukraine (Jul/Jun)	
Kazakhstan (Sep/Aug)		United States (Jun/May)	
Russia (Jul/Jun)			
Turkey (Jun/May)			
Ukraine (Jul/Jun)			
United States (Jun/May)			

For a complete list of local marketing years, please see the FAS website (<https://apps.fas.usda.gov/psdonline/>): go to Reports, Reference Data, and then Data Availability.

Stocks: Unless otherwise stated, stock data are based on an aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time.

Consumption: World totals for consumption reflect total utilization, including food, seed, industrial, feed, and waste; as well as differences in local marketing year imports and local marketing year exports. Consumption statistics for regions and individual countries, however, reflect food, seed, industrial, feed, and waste only.

Trade: All PSD tables are balanced on the different local marketing years. All trade tables contain Trade Year (TY) data which puts all countries on a uniform, 12-month period for analytical comparisons: wheat is July/June; coarse grains, corn, barley, sorghum, oats, and rye are Oct/Sept; and rice is calendar year.

EU Consolidation: The trade figures starting from 1999/00 represent the European Union (EU27 plus UK) and exclude all intra-trade. For the years 1960/61 through 1998/99, figures are the EU-15 and also exclude all intra-trade. EU-15 member states' data for grains are no longer maintained in the official USDA database. Data for the individual NMS-10, plus Bulgaria, Romania, and Croatia, exists only prior to 1999/00.

Statistics: (1) Wheat trade statistics include wheat, flour, and selected pasta products on a grain equivalent basis. (2) Rice trade statistics include rough, brown, milled, and broken on a milled equivalent basis. (3) Coarse grains statistics include corn, barley, sorghum, oats, rye, millet, and mixed grains but exclude trade in barley malt, millet, and mixed grains.

Unaccounted: This term includes grain in transit, reporting discrepancies in some countries, and trade to countries outside the USDA database.

The Global Commodity Analysis Division, Global Market Analysis, Foreign Agricultural Service, USDA, Washington, DC 20250, prepared this publication. Information is gathered from official statistics of foreign governments and other foreign source materials, reports of U.S. agricultural attachés and Foreign Service officers, office research, and related information. Further information may be obtained by writing the Division or telephoning (202) 720-3448.

Note: For further details on world grain production, please see [World Agricultural Production](#) November 2020. This publication is available in its entirety on the Internet via the Foreign Agricultural Service Home Page. The address is: <http://www.fas.usda.gov>

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DATA TABLES

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All Grain Summary Comparison
Million Metric Tons

Marketing Year	Wheat			Rice, Milled			Corn			
	2018/19	2019/20	2020/21	2018/19	2019/20	2020/21	2018/19	2019/20	2020/21	
Production										
United States	(Jun-May)	51.3	52.6	49.7	7.1	5.9	7.2	364.3	346.0	368.5
Other		679.6	712.3	722.7	489.9	490.2	493.9	759.1	770.2	776.1
World Total		730.9	764.9	772.4	497.0	496.1	501.1	1,123.4	1,116.2	1,144.6
Domestic Consumption										
United States	(Jun-May)	30.0	30.6	30.7	4.6	4.6	4.6	310.4	307.6	309.3
Other		702.2	711.2	718.8	479.9	488.8	492.5	816.6	819.9	840.7
World Total		732.2	741.8	749.5	484.5	493.4	497.1	1,127.0	1,127.5	1,150.0
Ending Stocks										
United States	(Jun-May)	29.4	28.0	23.9	1.4	0.9	1.6	56.4	50.7	43.2
Other		254.7	272.8	296.6	175.5	177.0	178.2	263.4	252.6	248.2
World Total		284.1	300.8	320.5	176.9	177.9	179.8	319.8	303.3	291.4
TY Imports										
United States	(Jun-May)	3.5	2.9	3.4	1.0	1.2	1.2	0.8	1.0	0.7
Other		167.9	183.6	184.2	41.1	40.4	41.0	165.0	166.5	178.1
World Total		171.4	186.5	187.6	42.1	41.6	42.2	165.8	167.5	178.8
TY Exports										
United States	(Jun-May)	26.1	26.3	27.0	3.1	2.9	3.1	49.2	46.9	66.0
Other		149.4	165.0	163.5	40.5	40.8	41.2	123.4	128.2	117.5
World Total		175.5	191.3	190.5	43.6	43.7	44.3	172.6	175.1	183.5

Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere. Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug). 'Marketing Year' column is germane for U.S. wheat only.

World Wheat, Flour, and Products Trade
July/June Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Argentina	12,275	14,000	12,680	13,608	13,000	12,500
Australia	22,061	15,512	9,835	10,121	18,000	18,000
Canada	20,297	22,019	24,452	23,478	25,000	25,000
China	748	1,004	1,006	1,049	1,000	1,000
European Union	27,439	23,383	23,310	38,429	25,500	26,000
India	430	517	494	595	1,000	1,000
Kazakhstan	7,257	8,519	8,780	6,888	6,500	6,700
Russia	27,815	41,447	35,863	34,485	39,000	39,500
Turkey	6,320	6,390	6,308	6,212	6,600	6,700
Ukraine	18,107	17,775	16,019	21,013	17,500	17,500
Others	10,513	10,520	10,663	9,171	9,486	9,556
Subtotal	153,262	161,086	149,410	165,049	162,586	163,456
United States	29,318	23,230	26,093	26,300	27,000	27,000
World Total	182,580	184,316	175,503	191,349	189,586	190,456
TY Imports						
Afghanistan	2,700	3,300	3,700	3,000	3,000	3,000
Algeria	8,414	8,172	7,515	7,147	7,000	6,800
Bangladesh	5,556	6,472	5,100	6,800	6,600	6,600
Brazil	7,788	6,702	7,442	7,179	6,700	6,700
China	4,410	3,937	3,145	5,376	7,500	8,000
Colombia	2,110	1,952	1,705	2,276	2,100	2,100
Egypt	11,181	12,407	12,354	12,811	13,000	13,000
European Union	5,299	5,833	5,764	4,801	5,500	5,700
Indonesia	10,190	10,763	10,934	10,586	10,800	10,800
Iraq	2,474	4,158	3,894	2,050	2,600	2,600
Japan	5,911	5,876	5,726	5,682	5,600	5,600
Kenya	1,774	2,158	2,000	2,500	2,200	2,200
Korea, South	4,667	4,269	3,908	3,941	3,700	3,900
Mexico	5,370	5,245	4,861	5,080	5,300	5,000
Morocco	5,344	3,672	3,724	4,879	6,500	6,500
Nigeria	4,972	5,162	4,659	5,338	5,100	5,100
Peru	1,961	2,030	2,109	2,153	2,150	2,150
Philippines	5,708	6,059	7,546	7,059	7,000	7,000
Saudi Arabia	3,720	3,492	2,902	3,648	3,200	3,200
Sudan	2,458	2,580	2,222	2,684	2,600	2,500
Thailand	4,064	3,173	2,899	3,497	3,100	3,100
Turkey	4,736	6,092	6,515	11,087	7,000	7,700
Uzbekistan	2,596	3,119	2,837	2,746	3,100	3,100
Vietnam	5,535	4,709	3,500	3,570	3,600	3,600
Yemen	3,278	3,010	3,675	3,728	3,800	3,800
Others	54,462	51,635	47,232	54,036	54,080	54,465
Subtotal	176,678	175,977	167,868	183,654	182,830	184,215
Unaccounted	2,609	3,965	4,138	4,830	3,356	2,841
United States	3,293	4,374	3,497	2,865	3,400	3,400
World Total	182,580	184,316	175,503	191,349	189,586	190,456

TY=Trade Year, see Endnotes.

World Wheat Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Production						
Argentina	18,400	18,500	19,500	19,760	19,000	18,000
Australia	31,819	20,941	17,598	15,200	28,500	28,500
Brazil	6,730	4,264	5,428	5,200	6,600	6,600
Canada	32,140	30,377	32,352	32,670	35,000	35,000
China	133,271	134,334	131,430	133,590	136,000	136,000
Egypt	8,100	8,450	8,450	8,770	8,900	8,900
European Union	145,369	151,125	136,579	154,958	136,750	136,550
India	87,000	98,510	99,870	103,600	107,592	107,592
Iran	14,500	14,000	14,500	16,800	16,750	16,750
Kazakhstan	14,985	14,802	13,947	11,452	12,500	12,500
Pakistan	25,633	26,600	25,100	24,300	25,700	25,700
Russia	72,529	85,167	71,685	73,610	83,000	83,500
Turkey	17,250	21,000	19,000	17,500	18,500	18,250
Ukraine	26,791	26,981	25,057	29,171	25,500	25,500
Uzbekistan	6,940	6,941	6,000	6,800	6,510	6,510
Others	52,211	53,417	53,094	58,981	56,589	56,832
Subtotal	693,668	715,409	679,590	712,362	723,391	722,684
United States	62,832	47,380	51,306	52,581	49,691	49,691
World Total	756,500	762,789	730,896	764,943	773,082	772,375
Total Consumption						
Algeria	10,350	10,450	10,750	10,950	11,050	11,050
Brazil	12,200	12,000	12,100	12,100	12,200	12,200
Canada	10,671	9,029	9,145	9,263	9,700	9,700
China	119,000	121,000	125,000	126,000	130,000	131,000
Egypt	19,400	19,800	20,100	20,300	20,800	20,800
European Union	128,000	130,400	121,050	122,500	117,500	118,000
India	97,234	95,677	95,629	96,112	99,500	99,500
Indonesia	10,000	10,600	10,600	10,400	10,400	10,400
Iran	16,250	15,900	16,100	17,200	17,700	17,700
Morocco	10,200	10,500	10,700	10,400	10,400	10,400
Pakistan	24,500	25,000	25,300	25,200	25,800	25,800
Russia	40,000	43,000	40,500	40,000	41,000	41,000
Turkey	17,100	18,500	18,800	19,900	20,200	20,100
Ukraine	10,300	9,800	8,800	8,700	8,100	8,100
Uzbekistan	9,300	9,700	9,500	9,500	9,500	9,500
Others	167,870	169,732	168,139	172,664	172,977	173,583
Subtotal	706,109	712,556	704,762	717,727	720,516	722,007
United States	31,865	29,246	29,989	30,572	30,510	30,673
World Total	737,974	741,802	734,751	748,299	751,026	752,680
Ending Stocks						
Australia	5,750	5,549	5,440	3,490	5,690	5,690
Canada	6,931	6,732	6,041	5,499	5,778	6,249
China	114,929	131,196	139,765	151,682	164,182	163,682
European Union	14,760	17,935	15,918	14,748	14,084	12,998
India	9,800	13,230	16,992	23,991	31,108	31,108
Iran	10,416	8,066	6,236	6,556	6,606	6,606
Russia	10,823	12,010	7,778	7,228	10,728	10,728
Others	61,439	63,341	56,555	59,584	59,250	59,527
Subtotal	234,848	258,059	254,725	272,778	297,426	296,588
United States	32,131	29,907	29,386	27,977	24,025	23,862
World Total	266,979	287,966	284,111	300,755	321,451	320,450

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	9,169	10,070	8,836	8,620	9,150	8,850
Central America	1,995	1,910	1,928	2,074	2,100	2,100
South America	16,277	15,320	14,955	15,651	15,270	15,270
European Union - 28	5,299	5,833	5,764	4,801	5,500	5,700
Other Europe	2,047	1,931	1,905	2,014	1,860	1,885
Former Soviet Union - 12	7,035	7,862	7,830	8,075	7,985	7,985
Middle East	23,027	25,411	24,550	30,404	26,085	26,735
North Africa	28,432	27,441	26,956	27,993	29,900	29,700
Sub-Saharan Africa	22,274	25,312	22,564	26,958	25,970	25,780
East Asia	17,356	16,599	15,087	17,273	19,175	19,875
South Asia	15,564	11,931	9,959	11,131	12,300	12,800
Southeast Asia	28,219	27,255	27,732	27,560	27,500	27,500
Others	3,277	3,476	3,299	3,965	3,435	3,435
Total	179,971	180,351	171,365	186,519	186,230	187,615
Production						
North America	98,837	81,251	86,658	88,521	87,741	87,741
South America	28,897	25,912	28,761	28,581	29,344	28,260
European Union - 28	145,369	151,125	136,579	154,958	136,750	136,550
Other Europe	4,737	4,005	4,640	4,258	4,532	4,497
Former Soviet Union - 12	130,049	142,356	124,020	130,425	135,617	136,167
Middle East	38,814	41,582	38,876	44,493	45,183	44,952
North Africa	13,958	19,245	21,000	18,399	16,638	16,638
Sub-Saharan Africa	7,777	7,689	7,796	8,122	8,885	9,180
East Asia	134,738	135,645	132,823	135,189	137,609	137,601
South Asia	120,865	132,497	131,679	136,301	141,782	141,763
Oceania	32,278	21,346	17,968	15,610	28,915	28,940
Others	181	136	96	86	86	86
Total	756,500	762,789	730,896	764,943	773,082	772,375
Domestic Consumption						
North America	50,436	45,975	46,634	47,235	47,810	47,773
South America	28,575	28,978	28,840	29,720	29,540	29,520
European Union - 28	128,000	130,400	121,050	122,500	117,500	118,000
Other Europe	5,035	5,010	5,215	5,435	5,340	5,310
Former Soviet Union - 12	78,285	81,315	77,085	76,415	77,045	77,145
Middle East	57,992	59,705	59,939	62,900	64,535	64,445
North Africa	44,550	45,225	46,100	46,250	46,950	46,950
Sub-Saharan Africa	29,762	31,972	30,411	33,132	33,700	33,750
East Asia	132,915	134,351	137,826	138,612	142,377	143,577
South Asia	139,296	138,292	138,643	139,773	143,865	143,846
Southeast Asia	26,725	26,385	26,250	26,260	25,780	26,280
Oceania	8,835	8,905	10,595	9,825	8,950	8,965
Others	3,834	3,821	3,614	3,704	3,945	3,945
Total	734,240	740,334	732,202	741,761	747,337	749,506
Ending Stocks						
North America	39,938	37,407	36,030	33,861	30,238	30,446
South America	4,838	3,998	4,717	4,768	5,379	4,662
European Union - 28	14,760	17,935	15,918	14,748	14,084	12,998
Other Europe	2,002	1,945	2,074	2,226	2,245	2,178
Former Soviet Union - 12	21,386	21,133	14,885	13,725	16,713	16,532
Middle East	19,620	19,668	15,977	20,054	19,697	19,926
North Africa	14,283	14,870	15,534	14,362	12,929	12,760
Sub-Saharan Africa	3,106	3,575	2,523	3,522	3,306	3,687
East Asia	118,146	134,343	142,705	154,708	167,253	166,852
South Asia	16,519	21,104	21,534	28,168	36,995	37,495
Southeast Asia	5,920	5,694	6,091	6,274	6,150	6,369
Oceania	6,023	5,897	5,715	3,801	5,913	5,996
Others	438	397	408	538	549	549
Total	266,979	287,966	284,111	300,755	321,451	320,450

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Rice Trade
January/December Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Argentina	391	375	388	315	280	280
Brazil	594	1,245	954	1,200	900	900
Burma	3,350	2,750	2,700	2,300	2,200	2,200
Cambodia	1,150	1,300	1,350	1,350	1,300	1,400
China	1,173	2,059	2,720	2,700	2,900	2,700
European Union	372	308	294	310	300	315
Guyana	455	414	496	520	500	530
India	12,573	11,791	9,790	13,000	12,500	12,500
Pakistan	3,647	3,913	4,550	4,000	4,100	4,100
Paraguay	538	653	689	800	620	620
South Africa	109	113	111	115	125	125
Thailand	11,615	11,056	7,562	5,500	7,000	7,000
Turkey	280	213	202	225	25	200
Uruguay	982	802	809	835	850	820
Vietnam	6,488	6,590	6,581	6,400	6,300	6,300
Others	1,293	1,455	1,277	1,213	1,223	1,223
Subtotal	45,010	45,037	40,473	40,783	41,123	41,213
United States	3,349	2,776	3,138	2,900	3,100	3,050
World Total	48,359	47,813	43,611	43,683	44,223	44,263
TY Imports						
Benin	550	625	550	600	625	625
Brazil	758	537	691	850	800	800
Burkina	500	550	600	600	600	600
Cameroon	600	400	600	620	640	640
China	5,900	4,500	2,800	2,300	2,200	2,200
Cote d'Ivoire	1,350	1,500	1,350	1,100	1,200	1,200
Ethiopia	390	600	520	560	580	580
European Union	1,990	1,922	2,159	2,400	2,350	2,450
Ghana	650	830	900	900	950	950
Guinea	600	865	530	600	620	620
Iran	1,400	1,250	1,400	1,100	1,200	1,200
Iraq	1,161	1,237	1,263	1,100	1,150	1,150
Japan	678	670	678	685	685	685
Kenya	625	600	610	625	650	650
Malaysia	900	800	1,000	1,100	1,100	1,100
Mexico	913	776	730	850	800	800
Mozambique	710	550	640	650	650	650
Nepal	535	700	620	800	800	800
Nigeria	2,500	2,100	1,800	1,200	1,200	1,200
Philippines	1,200	2,500	2,900	2,500	2,600	2,600
Saudi Arabia	1,195	1,290	1,425	1,400	1,350	1,350
Senegal	1,100	1,100	1,000	1,150	1,175	1,175
South Africa	1,054	1,071	966	1,000	1,050	1,050
United Arab Emirates	700	775	850	1,000	1,200	1,200
Yemen	420	530	560	500	525	525
Others	16,297	16,710	13,993	14,223	14,029	14,174
Subtotal	44,676	44,988	41,135	40,413	40,729	40,974
Unaccounted	2,896	1,909	1,495	2,085	2,294	2,089
United States	787	916	981	1,185	1,200	1,200
World Total	48,359	47,813	43,611	43,683	44,223	44,263

TY=Trade Year, see Endnotes. Note about dates: 2017/18 is calendar year 2018, 2016/17 is calendar year 2017, and so on.

World Rice Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Milled Production						
Bangladesh	34,578	32,650	34,909	35,850	35,997	35,300
Brazil	8,383	8,204	7,140	7,602	7,480	7,480
Burma	12,650	13,200	13,200	12,700	12,900	12,900
Cambodia	5,256	5,554	5,742	5,740	5,780	5,710
China	147,766	148,873	148,490	146,730	147,000	147,000
Egypt	4,800	4,300	2,800	4,300	4,000	4,000
India	109,698	112,760	116,480	118,426	120,000	120,000
Indonesia	36,858	37,000	34,200	34,000	34,900	34,900
Japan	7,929	7,787	7,657	7,611	7,620	7,620
Korea, South	4,197	3,972	3,868	3,744	3,857	3,850
Nigeria	4,536	4,470	4,538	5,040	5,040	5,040
Pakistan	6,849	7,500	7,300	7,200	7,600	7,600
Philippines	11,686	12,235	11,732	11,927	11,700	11,700
Thailand	19,200	20,577	20,340	17,655	18,600	18,600
Vietnam	27,400	27,657	27,344	27,150	27,000	27,000
Others	42,585	42,313	44,194	44,530	44,813	45,229
Subtotal	484,371	489,052	489,934	490,205	494,287	493,929
United States	7,117	5,659	7,107	5,864	7,186	7,180
World Total	491,488	494,711	497,041	496,069	501,473	501,109
Consumption and Residual						
Bangladesh	35,000	35,200	35,400	35,500	36,100	35,800
Brazil	7,850	7,650	7,350	7,200	7,200	7,200
Burma	10,000	10,200	10,250	10,350	10,500	10,500
Cambodia	4,000	4,200	4,300	4,350	4,500	4,400
China	141,761	142,509	142,920	145,030	146,300	146,500
Egypt	4,300	4,200	4,200	4,300	4,300	4,300
European Union	3,600	3,700	3,800	4,050	4,100	4,150
India	95,838	98,669	99,160	105,926	106,000	106,000
Indonesia	37,500	37,000	36,300	35,500	35,400	35,400
Japan	8,730	8,600	8,400	8,350	8,250	8,250
Nepal	4,033	4,101	4,376	4,447	4,475	4,475
Nigeria	6,700	6,750	6,800	6,550	6,400	6,400
Philippines	12,900	13,250	14,100	14,300	14,400	14,400
Thailand	12,000	11,000	11,800	12,000	12,000	12,000
Vietnam	22,000	21,500	21,200	21,100	21,200	21,200
Others	67,059	68,023	69,570	69,913	71,228	71,493
Subtotal	479,365	476,824	479,770	490,512	494,820	494,622
United States	4,230	4,299	4,565	4,573	4,620	4,620
World Total	483,595	481,123	484,335	495,085	499,440	499,242
Ending Stocks						
Bangladesh	854	1,500	1,405	1,781	1,474	1,477
China	98,500	109,000	115,000	116,500	116,500	116,500
India	20,550	22,600	29,500	29,700	31,500	31,200
Indonesia	3,215	5,563	4,061	3,109	3,107	3,107
Japan	2,410	2,223	2,046	1,922	1,897	1,897
Philippines	2,003	2,288	3,520	3,597	3,497	3,497
Thailand	4,238	3,009	4,237	4,642	4,442	4,442
Others	17,400	17,104	15,733	15,749	15,213	16,084
Subtotal	149,170	163,287	175,502	177,000	177,630	178,204
United States	1,462	933	1,424	910	1,516	1,573
World Total	150,632	164,220	176,926	177,910	179,146	179,777

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	2,056	2,075	2,132	2,460	2,430	2,430
Caribbean	1,146	1,067	1,076	1,132	1,165	1,165
South America	1,886	1,947	1,939	2,159	2,143	2,053
Other Europe	124	111	119	120	120	120
Former Soviet Union - 12	538	551	560	507	533	533
Middle East	6,527	6,655	7,203	6,860	6,870	7,105
North Africa	459	591	1,022	595	585	585
Sub-Saharan Africa	14,758	14,638	13,895	13,675	14,270	14,270
East Asia	7,486	6,015	4,402	4,075	4,000	4,000
South Asia	4,057	2,635	944	1,180	1,220	1,220
Southeast Asia	3,666	6,797	5,821	5,260	5,235	5,235
European Union	1,990	1,922	2,159	2,400	2,350	2,450
Total	45,463	45,904	42,116	41,598	41,929	42,174
Production						
North America	7,292	5,842	7,295	6,036	7,379	7,373
Caribbean	990	932	1,010	965	891	981
South America	16,983	16,962	16,014	16,252	16,076	16,315
European Union - 28	2,087	2,030	1,964	1,984	1,985	1,975
Former Soviet Union - 12	1,263	1,236	1,283	1,349	1,338	1,346
Middle East	2,549	2,658	2,616	2,950	2,857	2,857
North Africa	4,837	4,340	2,844	4,345	4,042	4,042
Sub-Saharan Africa	17,792	17,258	18,662	19,237	19,613	19,613
East Asia	162,678	163,433	162,740	160,699	160,973	161,055
South Asia	156,874	158,809	165,785	168,680	170,653	169,956
Southeast Asia	116,821	120,044	116,064	112,948	114,706	114,636
Total	491,488	494,711	497,041	496,069	501,473	501,109
Domestic Consumption						
North America	5,499	5,577	5,890	5,928	6,000	6,000
Central America	1,295	1,301	1,313	1,391	1,369	1,369
Caribbean	2,102	1,984	2,111	1,987	2,041	2,106
South America	15,066	15,030	14,930	14,667	14,822	14,902
European Union - 28	3,600	3,700	3,800	4,050	4,100	4,150
Former Soviet Union - 12	1,569	1,601	1,592	1,618	1,656	1,661
Middle East	8,664	9,043	9,352	9,485	9,675	9,730
North Africa	4,724	4,620	4,591	4,650	4,677	4,677
Sub-Saharan Africa	31,119	31,476	32,865	33,047	33,629	33,629
East Asia	158,121	158,948	158,939	160,570	161,620	161,880
South Asia	141,579	144,720	145,623	152,780	153,688	153,388
Southeast Asia	103,595	102,324	102,977	102,766	103,191	103,091
Total	477,501	480,851	484,491	493,439	496,973	497,088
Ending Stocks						
North America	1,634	1,084	1,561	1,087	1,716	1,773
Central America	339	264	292	271	271	271
Caribbean	276	275	303	349	388	379
South America	2,100	2,193	1,828	1,758	1,617	1,823
European Union - 28	1,188	1,176	1,188	1,253	1,089	1,163
Middle East	1,458	1,479	1,508	1,722	1,222	1,754
North Africa	1,426	1,563	949	1,199	1,129	1,129
Sub-Saharan Africa	3,360	3,185	3,028	2,210	2,074	2,074
East Asia	103,204	113,196	118,766	120,195	120,464	120,445
South Asia	23,171	25,840	32,402	33,023	34,619	34,322
Southeast Asia	12,074	13,589	14,891	14,621	14,309	14,389
Oceania	208	232	52	26	46	46
Total	150,632	164,220	176,926	177,910	179,146	179,777

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Coarse Grain Trade
October/September Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Argentina	26,105	27,208	36,134	42,993	37,005	37,105
Australia	10,258	7,156	4,049	3,555	5,350	5,350
Brazil	19,797	25,121	38,812	34,531	39,010	39,010
Canada	5,042	5,753	5,805	5,382	5,700	5,700
European Union	8,192	7,829	9,809	13,093	8,842	9,342
Paraguay	1,760	1,485	2,568	2,091	2,515	2,515
Russia	9,267	11,379	7,402	9,076	9,475	8,675
Serbia	2,449	878	2,906	3,073	3,561	3,561
South Africa	1,820	2,368	1,190	2,465	2,310	2,810
Ukraine	26,868	21,392	34,874	34,372	34,610	26,610
Others	9,683	10,613	9,154	9,192	8,668	9,018
Subtotal	121,241	121,182	152,703	159,823	157,046	149,696
United States	61,822	68,644	51,809	52,594	64,855	72,855
World Total	183,063	189,826	204,512	212,417	221,901	222,551
TY Imports						
Algeria	4,533	4,492	5,284	5,561	5,610	5,610
Brazil	3,177	1,527	1,797	2,035	2,700	2,700
Canada	778	1,837	2,570	1,972	1,757	1,757
Chile	1,580	1,976	2,417	2,813	3,070	3,070
China	16,055	16,425	10,540	17,496	18,750	26,050
Colombia	5,041	5,582	6,394	6,331	6,880	6,880
Dominican Republic	1,294	1,329	1,536	1,354	1,600	1,600
Egypt	8,795	9,541	9,568	10,635	11,100	11,100
European Union	15,631	19,327	26,839	19,249	24,255	20,255
Guatemala	951	1,091	1,224	1,509	1,600	1,600
Iran	10,000	11,600	12,200	9,500	12,000	10,500
Israel	1,940	2,145	1,896	2,405	2,540	2,540
Japan	17,000	17,563	17,726	17,633	17,620	17,620
Jordan	1,588	1,422	1,666	1,500	1,800	1,800
Korea, South	9,308	10,192	10,964	11,988	11,910	12,110
Malaysia	3,531	3,645	3,674	3,800	4,100	4,100
Mexico	15,283	16,396	17,415	17,543	18,750	17,750
Morocco	2,632	2,647	3,028	4,043	5,102	5,102
Peru	3,438	3,458	3,802	3,929	4,360	4,360
Saudi Arabia	11,825	11,692	9,368	11,736	12,210	12,010
Taiwan	4,267	4,513	4,610	4,477	4,385	4,485
Thailand	621	847	1,406	2,287	2,100	2,100
Tunisia	1,745	1,635	1,418	1,532	1,900	1,900
Turkey	2,442	4,184	4,044	4,016	3,100	3,100
Vietnam	8,661	9,577	11,033	12,275	12,150	12,150
Others	23,548	19,490	20,468	21,695	21,419	21,519
Subtotal	175,664	184,133	192,887	199,314	212,768	213,768
Unaccounted	3,985	2,767	8,998	10,111	6,402	6,052
United States	3,414	2,926	2,627	2,992	2,731	2,731
World Total	183,063	189,826	204,512	212,417	221,901	222,551

TY=Trade Year, see Endnotes.

World Coarse Grains Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Production						
Argentina	48,569	39,320	59,223	58,125	56,664	57,034
Australia	17,267	12,191	11,507	10,436	14,256	14,256
Brazil	101,575	85,058	104,334	105,571	113,405	113,405
Canada	26,623	26,243	26,203	28,611	29,595	29,595
China	269,895	265,719	263,957	268,204	267,375	267,375
Ethiopia	15,641	15,782	16,465	17,100	17,250	17,250
European Union	152,880	152,130	148,253	161,823	161,930	162,600
India	43,466	46,943	43,207	47,423	45,587	45,587
Indonesia	10,900	11,900	12,000	12,000	12,000	12,000
Mexico	33,262	33,191	33,399	31,909	33,590	33,590
Nigeria	20,657	18,859	19,840	19,665	20,400	20,400
Russia	40,765	41,715	34,998	40,495	41,925	40,925
South Africa	18,117	13,552	12,417	16,497	14,658	16,658
Turkey	10,776	12,271	13,251	14,451	15,811	15,661
Ukraine	39,217	34,071	44,503	46,545	45,695	37,710
Others	167,283	166,251	176,122	173,016	180,498	180,953
Subtotal	1,016,893	975,196	1,019,679	1,051,871	1,070,639	1,064,999
United States	402,607	384,387	377,905	359,434	388,204	382,750
World Total	1,419,500	1,359,583	1,397,584	1,411,305	1,458,843	1,447,749
Domestic Consumption						
Argentina	16,044	17,513	18,091	17,675	19,054	19,124
Brazil	64,032	67,181	70,983	73,144	74,215	74,215
Canada	21,971	23,198	24,104	24,845	25,245	25,245
China	274,640	282,598	287,012	295,070	297,980	302,280
Egypt	16,027	16,779	17,136	18,173	18,258	18,258
Ethiopia	15,642	15,798	16,540	17,155	17,375	17,375
European Union	160,940	163,020	168,194	167,860	175,852	172,902
India	42,375	44,769	44,571	46,575	46,020	46,020
Iran	14,520	15,820	16,520	14,720	16,620	15,620
Japan	17,252	17,642	17,953	17,902	17,930	17,930
Mexico	46,845	48,410	50,505	50,275	51,290	50,290
Nigeria	20,303	19,550	20,069	19,900	20,650	20,650
Russia	32,075	31,015	27,367	31,287	32,025	32,025
Turkey	12,891	15,361	16,651	17,761	18,861	18,261
Vietnam	13,150	13,777	14,333	14,825	16,145	16,145
Others	260,182	261,597	269,413	273,900	284,138	285,185
Subtotal	1,055,206	1,050,994	1,097,921	1,107,674	1,139,997	1,139,244
United States	327,476	324,407	323,013	318,768	320,678	318,774
World Total	1,382,682	1,375,401	1,420,934	1,426,442	1,460,675	1,458,018
Ending Stocks						
Argentina	6,698	3,366	3,610	2,960	3,571	3,770
Australia	2,646	2,292	2,427	2,382	3,144	3,144
Brazil	14,492	9,707	5,652	5,969	8,349	8,349
Canada	5,562	4,569	3,304	3,982	4,356	4,389
China	223,494	222,978	210,395	200,984	189,264	192,059
European Union	15,063	15,660	13,382	13,657	14,910	14,268
Mexico	5,999	6,181	5,713	3,825	4,082	3,975
Others	49,883	47,515	41,883	44,202	44,789	45,157
Subtotal	323,837	312,268	286,366	277,961	272,465	275,111
United States	62,168	57,919	60,471	53,739	58,125	46,320
World Total	386,005	370,187	346,837	331,700	330,590	321,431

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	19,475	21,159	22,612	22,507	23,238	22,238
Central America	3,799	4,001	4,352	4,900	5,150	5,150
Caribbean	2,659	2,446	2,379	2,269	2,750	2,750
South America	15,087	14,806	15,591	16,879	18,560	18,560
European Union - 28	15,631	19,327	26,839	19,249	24,255	20,255
Former Soviet Union - 12	827	700	1,025	1,105	898	898
Middle East	31,635	34,973	32,903	32,871	35,261	33,661
North Africa	19,468	19,245	20,875	23,441	25,012	25,012
Sub-Saharan Africa	6,667	3,223	3,504	4,071	4,263	4,263
East Asia	46,723	48,740	43,903	51,653	52,715	60,315
Southeast Asia	14,169	15,529	17,858	19,898	19,860	19,860
Others	2,938	2,910	3,673	3,463	3,537	3,537
Total	179,078	187,059	195,514	202,306	215,499	216,499
Production						
North America	462,492	443,821	437,507	419,954	451,389	445,935
South America	164,465	138,876	178,021	177,454	184,770	185,137
European Union - 28	152,880	152,130	148,253	161,823	161,930	162,600
Other Europe	11,535	7,245	10,363	11,292	11,723	11,723
Former Soviet Union - 12	92,907	88,881	93,534	101,498	101,612	92,412
Middle East	19,061	19,414	19,495	24,188	25,550	25,405
North Africa	9,163	11,463	13,257	11,707	10,778	10,778
Sub-Saharan Africa	120,790	116,808	121,850	120,068	124,982	127,282
East Asia	272,518	268,365	266,697	271,036	270,163	270,181
South Asia	56,519	60,042	56,925	62,910	61,534	61,534
Southeast Asia	34,197	34,841	34,829	33,642	34,818	35,168
Oceania	17,884	12,700	12,099	11,059	14,885	14,885
Others	5,089	4,997	4,754	4,674	4,709	4,709
Total	1,419,500	1,359,583	1,397,584	1,411,305	1,458,843	1,447,749
Domestic Consumption						
North America	396,292	396,015	397,622	393,888	397,213	394,309
South America	104,534	110,783	115,138	117,342	121,117	121,174
European Union - 28	160,940	163,020	168,194	167,860	175,852	172,902
Other Europe	9,050	7,890	8,271	8,527	8,553	8,553
Former Soviet Union - 12	56,506	54,606	51,040	56,220	56,250	56,265
Middle East	51,241	53,809	53,807	55,171	59,763	57,813
North Africa	31,040	31,665	32,607	35,646	35,753	35,753
Sub-Saharan Africa	118,229	117,587	124,496	121,761	126,033	126,813
East Asia	308,081	317,259	322,994	332,007	334,883	339,508
South Asia	56,636	60,480	60,374	63,561	63,664	63,664
Southeast Asia	45,679	47,357	48,183	48,202	51,628	51,928
Oceania	6,760	6,482	8,139	7,706	8,984	8,984
Others	11,377	11,482	11,590	11,944	12,643	12,633
Total	1,356,365	1,378,435	1,402,455	1,419,835	1,452,336	1,450,299
Ending Stocks						
North America	73,729	68,669	69,488	61,546	66,563	54,684
South America	24,363	16,486	11,734	11,406	14,384	14,629
European Union - 28	15,063	15,660	13,382	13,657	14,910	14,268
Other Europe	1,713	886	958	1,402	1,765	1,767
Former Soviet Union - 12	6,923	5,942	4,978	6,153	6,305	5,994
Middle East	6,597	7,366	5,789	6,838	7,294	7,121
North Africa	3,715	3,320	3,796	3,832	3,922	3,859
Sub-Saharan Africa	13,856	12,622	10,645	9,253	9,433	9,993
East Asia	227,632	227,446	214,977	205,618	193,503	196,536
South Asia	4,151	4,948	3,348	4,291	3,905	4,007
Southeast Asia	4,107	3,131	3,982	4,245	4,368	4,383
Oceania	2,746	2,391	2,511	2,483	3,250	3,253
Others	1,410	1,320	1,249	976	988	937
Total	386,005	370,187	346,837	331,700	330,590	321,431

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Corn Trade
October/September Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Argentina	22,951	24,198	32,879	39,911	34,000	34,000
Brazil	19,794	25,116	38,773	34,521	39,000	39,000
Burma	1,500	1,400	1,500	2,250	1,800	1,800
Canada	1,544	1,973	1,719	712	1,000	1,000
European Union	2,189	1,750	3,632	4,800	2,500	2,500
Paraguay	1,757	1,476	2,559	2,081	2,500	2,500
Russia	5,598	5,532	2,770	4,200	3,900	3,100
Serbia	2,414	819	2,836	3,000	3,500	3,500
South Africa	1,816	2,361	1,183	2,456	2,300	2,800
Ukraine	21,334	18,036	30,321	29,200	30,500	22,500
Others	6,449	6,895	5,211	5,070	4,408	4,758
Subtotal	87,346	89,556	123,383	128,201	125,408	117,458
United States	55,618	63,668	49,241	46,923	58,000	66,000
World Total	142,964	153,224	172,624	175,124	183,408	183,458
TY Imports						
Algeria	3,989	4,046	4,816	5,156	5,200	5,200
Bangladesh	1,181	1,145	1,358	1,400	1,400	1,400
Brazil	2,439	943	1,189	1,346	2,000	2,000
Canada	686	1,767	2,521	1,867	1,700	1,700
Chile	1,484	1,893	2,292	2,751	3,000	3,000
China	2,464	3,456	4,483	7,596	7,000	13,000
Colombia	4,754	5,201	6,048	5,976	6,500	6,500
Dominican Republic	1,294	1,329	1,536	1,354	1,600	1,600
Egypt	8,773	9,464	9,367	10,600	11,000	11,000
European Union	14,971	18,469	25,254	19,000	24,000	20,000
Guatemala	951	1,091	1,224	1,509	1,600	1,600
Iran	7,800	8,900	9,000	7,000	9,000	8,000
Israel	1,539	1,861	1,611	2,000	2,200	2,200
Japan	15,169	15,668	16,050	15,888	16,000	16,000
Korea, South	9,220	10,018	10,856	11,892	11,800	12,000
Malaysia	3,531	3,645	3,674	3,800	4,100	4,100
Mexico	14,614	16,129	16,658	16,526	18,300	17,300
Morocco	2,221	2,283	2,728	2,976	3,500	3,500
Peru	3,269	3,402	3,694	3,822	4,200	4,200
Saudi Arabia	3,421	3,983	3,662	4,526	4,700	4,700
Taiwan	4,163	4,410	4,508	4,400	4,300	4,400
Thailand	600	700	1,200	1,602	1,200	1,200
Tunisia	1,244	961	931	882	1,200	1,200
Turkey	2,087	3,410	3,669	3,004	2,700	2,700
Vietnam	8,500	9,400	10,900	12,100	12,000	12,000
Others	18,528	15,706	15,793	17,538	17,507	17,607
Subtotal	138,892	149,280	165,022	166,511	177,707	178,107
Unaccounted	2,621	3,106	6,802	7,654	5,051	4,701
United States	1,451	838	800	959	650	650
World Total	142,964	153,224	172,624	175,124	183,408	183,458

TY=Trade Year, see Endnotes.

World Corn Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Production						
Argentina	41,000	32,000	51,000	51,000	50,000	50,000
Brazil	98,500	82,000	101,000	102,000	110,000	110,000
Canada	13,889	14,096	13,885	13,404	14,000	14,000
China	263,613	259,071	257,174	260,779	260,000	260,000
Ethiopia	7,847	8,007	8,350	8,500	8,600	8,600
European Union	61,935	62,046	64,361	66,695	66,100	64,200
India	25,900	28,753	27,715	28,636	28,000	28,000
Indonesia	10,900	11,900	12,000	12,000	12,000	12,000
Mexico	27,575	27,569	27,600	26,500	28,000	28,000
Nigeria	11,548	10,420	11,000	11,000	11,500	11,500
Philippines	8,087	7,980	7,608	8,030	8,200	8,200
Russia	15,305	13,201	11,415	14,275	15,000	14,000
Serbia	7,600	4,000	7,000	7,700	8,000	8,000
South Africa	17,551	13,104	11,824	16,000	14,000	16,000
Ukraine	27,969	24,115	35,805	35,887	36,500	28,500
Others	103,846	109,199	111,354	107,817	114,967	115,142
Subtotal	743,065	707,461	759,091	770,223	784,867	776,142
United States	384,778	371,096	364,262	345,962	373,949	368,490
World Total	1,127,843	1,078,557	1,123,353	1,116,185	1,158,816	1,144,632
Total Consumption						
Argentina	11,200	12,400	13,800	13,500	15,000	15,000
Brazil	60,500	63,500	67,000	69,000	70,000	70,000
Canada	12,949	13,986	15,087	13,960	14,800	14,800
China	255,000	263,000	274,000	278,000	279,000	282,000
Egypt	15,100	15,900	16,200	17,100	17,300	17,300
European Union	74,100	77,150	87,500	81,400	87,000	81,500
India	24,900	26,700	28,500	28,000	28,200	28,200
Indonesia	12,300	12,400	12,900	12,600	13,000	13,000
Japan	15,200	15,600	16,000	15,950	16,050	16,050
Korea, South	9,435	10,000	10,947	11,802	11,850	12,050
Mexico	40,400	42,500	44,100	43,800	45,250	44,250
Nigeria	11,400	11,100	11,300	11,250	11,800	11,800
Russia	9,550	8,300	8,500	9,700	11,000	11,000
South Africa	12,663	12,230	12,536	12,600	12,300	12,800
Vietnam	13,000	13,600	14,200	14,650	16,000	16,000
Others	171,672	179,959	183,966	186,566	196,224	194,984
Subtotal	774,211	775,991	833,842	825,096	851,433	847,278
United States	313,785	313,981	310,446	307,582	311,164	309,260
World Total	1,087,996	1,089,972	1,144,288	1,132,678	1,162,597	1,156,538
Ending Stocks						
Argentina	5,273	2,407	2,367	1,872	2,878	2,877
Brazil	14,019	9,315	5,292	5,492	7,992	7,992
Canada	2,574	2,417	1,980	2,559	2,426	2,459
China	223,017	222,525	210,163	200,526	188,902	191,506
European Union	7,546	9,161	7,644	7,139	7,772	7,339
Mexico	5,409	5,649	5,089	3,315	3,539	3,465
South Africa	3,695	2,672	1,020	1,920	1,606	2,320
Others	32,390	32,248	29,861	29,829	30,296	30,236
Subtotal	293,923	286,394	263,416	252,652	245,411	248,194
United States	58,253	54,367	56,410	50,681	55,043	43,233
World Total	352,176	340,761	319,826	303,333	300,454	291,427

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	16,751	18,734	19,979	19,352	20,650	19,650
Central America	3,799	4,001	4,352	4,900	5,150	5,150
South America	13,719	13,567	14,317	15,553	17,165	17,165
European Union - 28	14,971	18,469	25,254	19,000	24,000	20,000
Former Soviet Union - 12	367	440	588	568	487	487
Middle East	17,858	21,487	21,197	20,333	22,180	21,280
North Africa	16,906	17,246	18,531	20,434	21,600	21,600
Sub-Saharan Africa	5,902	2,416	2,789	3,226	3,428	3,428
East Asia	31,109	33,599	35,960	39,835	39,150	45,450
Southeast Asia	13,968	15,183	17,483	19,003	18,785	18,785
Caribbean	2,657	2,446	2,377	2,269	2,750	2,750
Others	2,336	2,530	2,995	2,997	3,012	3,012
Total	140,343	150,118	165,822	167,470	178,357	178,757
Production						
North America	426,242	412,761	405,747	385,866	415,949	410,490
South America	151,015	125,744	163,622	163,943	171,645	171,655
European Union - 28	61,935	62,046	64,361	66,695	66,100	64,200
Other Europe	9,452	5,376	8,694	9,334	9,735	9,735
Former Soviet Union - 12	48,035	42,257	53,119	55,832	57,045	47,710
Middle East	7,283	7,028	7,382	8,012	8,873	9,023
North Africa	6,130	6,523	6,951	6,521	6,521	6,521
Sub-Saharan Africa	74,858	74,868	74,014	75,735	78,284	80,284
East Asia	265,949	261,417	259,584	263,187	262,408	262,408
South Asia	37,728	40,798	40,450	42,957	42,771	42,771
Central America	3,911	3,878	3,598	3,563	3,573	3,573
Southeast Asia	33,907	34,551	34,539	33,352	34,528	34,878
Others	1,398	1,310	1,292	1,188	1,384	1,384
Total	1,127,843	1,078,557	1,123,353	1,116,185	1,158,816	1,144,632
Domestic Consumption						
North America	367,134	370,467	369,633	365,342	371,214	368,310
South America	93,028	98,498	103,576	105,732	109,300	109,300
European Union - 28	74,100	77,150	87,500	81,400	87,000	81,500
Other Europe	6,947	5,857	6,331	6,447	6,430	6,430
Former Soviet Union - 12	20,716	19,202	20,312	21,582	22,667	22,537
Middle East	24,659	27,326	27,973	27,550	31,010	29,560
North Africa	23,290	24,400	24,600	27,470	28,000	28,000
Sub-Saharan Africa	72,570	74,485	76,669	76,384	78,697	79,147
East Asia	286,087	295,227	307,673	312,611	313,700	317,000
South Asia	37,897	41,226	43,279	43,780	44,625	44,625
Southeast Asia	45,197	46,727	47,519	47,021	50,270	50,570
Central America	7,540	7,830	8,070	8,450	8,760	8,760
Others	3,989	3,911	3,847	3,691	4,265	4,255
Total	1,063,154	1,092,306	1,126,982	1,127,460	1,155,938	1,149,994
Ending Stocks						
North America	66,236	62,433	63,479	56,555	61,008	49,157
South America	22,121	14,767	9,718	9,351	12,817	12,851
European Union - 28	7,546	9,161	7,644	7,139	7,772	7,339
Other Europe	1,464	689	775	1,186	1,549	1,551
Former Soviet Union - 12	3,154	2,582	2,200	2,983	2,991	2,678
Middle East	2,733	3,392	3,155	3,424	3,342	3,527
North Africa	2,555	2,462	2,505	2,353	2,527	2,464
Sub-Saharan Africa	10,878	10,432	8,024	7,068	7,343	7,903
East Asia	226,775	226,575	214,420	204,819	192,873	195,657
South Asia	3,115	3,734	2,608	3,173	2,808	2,909
Southeast Asia	4,096	3,120	3,971	4,234	4,352	4,367
Central America	1,056	1,060	988	814	776	762
Others	447	354	339	234	296	262
Total	352,176	340,761	319,826	303,333	300,454	291,427

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Barley Trade
October/September Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Argentina	2,696	2,537	3,001	2,651	2,500	2,500
Australia	9,192	6,088	3,666	3,200	4,400	4,400
Canada	1,809	1,868	2,269	2,621	2,700	2,700
European Union	5,683	5,857	5,877	7,800	6,000	6,500
Iraq	0	0	0	0	400	400
Kazakhstan	821	1,411	1,762	1,400	1,500	1,500
Russia	3,626	5,661	4,320	4,800	5,400	5,400
Serbia	33	57	67	72	60	60
Ukraine	5,337	3,188	4,407	5,000	4,000	4,000
Uruguay	111	12	62	65	100	100
Others	289	286	179	133	98	98
Subtotal	29,597	26,965	25,610	27,742	27,158	27,658
United States	125	102	101	155	120	120
World Total	29,722	27,067	25,711	27,897	27,278	27,778
TY Imports						
Algeria	533	439	467	400	400	400
Belarus	113	54	210	200	200	200
Brazil	737	584	608	689	700	700
China	8,104	8,144	5,181	5,969	5,300	6,500
Colombia	286	324	341	350	350	350
India	325	89	258	175	250	250
Iran	2,200	2,700	3,200	2,500	3,000	2,500
Israel	376	234	236	350	300	300
Japan	1,197	1,253	1,158	1,253	1,150	1,150
Jordan	759	788	928	450	700	700
Kuwait	569	521	474	500	450	450
Lebanon	262	199	156	10	200	200
Libya	1,084	438	888	850	600	600
Mexico	2	1	82	320	200	200
Morocco	407	363	299	1,050	1,600	1,600
Saudi Arabia	8,400	7,700	5,700	7,200	7,500	7,300
Thailand	21	147	206	685	900	900
Tunisia	501	674	487	650	700	700
Turkey	355	774	375	1,007	400	400
United Arab Emirates	501	263	476	450	470	470
Others	2,006	1,409	1,763	1,189	1,134	1,134
Subtotal	28,738	27,098	23,493	26,247	26,504	27,004
Unaccounted	767	-201	2,084	1,493	624	624
United States	217	170	134	157	150	150
World Total	29,722	27,067	25,711	27,897	27,278	27,778

TY=Trade Year, see Endnotes.

World Barley Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Production						
Algeria	1,000	968	1,950	2,000	1,845	1,845
Argentina	3,300	3,740	5,060	3,800	3,450	3,450
Australia	13,506	9,254	8,819	9,000	10,500	10,500
Belarus	1,253	1,420	944	1,400	1,050	1,050
Canada	8,839	7,891	8,380	10,383	10,400	10,400
Ethiopia	2,025	2,032	2,200	2,300	2,350	2,350
European Union	59,866	58,651	55,979	63,240	63,700	63,500
India	1,438	1,747	1,781	1,633	1,687	1,687
Iran	3,724	3,100	2,800	3,600	3,750	3,750
Iraq	1,550	975	780	1,600	1,550	1,550
Kazakhstan	3,231	3,305	3,971	3,830	3,800	3,800
Russia	17,547	20,211	16,737	19,939	20,600	20,600
Syria	720	777	400	2,000	1,900	1,900
Turkey	4,750	6,400	7,000	7,900	8,400	8,100
Ukraine	9,874	8,695	7,604	9,528	8,000	8,000
Others	10,107	10,897	11,675	10,982	10,168	10,298
Subtotal	142,730	140,063	136,080	153,135	153,150	152,780
United States	4,353	3,119	3,343	3,756	3,600	3,600
World Total	147,083	143,182	139,423	156,891	156,750	156,380
Total Consumption						
Algeria	2,050	1,850	2,000	2,250	2,250	2,250
Australia	3,500	3,700	5,000	5,500	5,700	5,700
Canada	6,760	6,799	6,500	8,020	7,600	7,600
China	9,200	9,300	6,200	6,700	6,200	7,400
Ethiopia	2,025	2,225	2,225	2,325	2,375	2,375
European Union	55,100	54,000	51,600	55,400	57,200	57,200
India	1,650	1,950	1,900	1,850	1,950	1,950
Iran	5,200	6,000	6,200	6,300	6,200	6,200
Kazakhstan	2,200	2,150	2,150	2,400	2,400	2,400
Morocco	2,400	2,800	2,900	2,450	2,300	2,300
Russia	14,700	14,500	12,200	15,400	14,900	14,900
Saudi Arabia	9,825	8,525	7,025	7,025	7,525	7,025
Syria	900	850	680	1,500	1,800	1,800
Turkey	5,500	6,700	7,500	8,500	8,700	8,700
Ukraine	4,900	4,500	4,200	4,500	4,200	4,200
Others	19,261	17,695	18,227	20,105	19,776	19,948
Subtotal	146,066	142,784	137,495	150,891	152,099	152,466
United States	4,375	3,466	3,537	3,922	3,657	3,657
World Total	150,441	146,250	141,032	154,813	155,756	156,123
Ending Stocks						
Algeria	877	517	790	970	965	965
Australia	1,884	1,776	1,908	2,208	2,608	2,608
Canada	2,120	1,250	877	957	1,102	1,102
European Union	5,421	4,624	4,244	4,572	4,956	4,497
Russia	839	750	640	759	1,084	1,084
Saudi Arabia	2,344	1,829	1,314	1,099	1,384	1,384
Ukraine	1,237	1,149	1,010	1,059	864	864
Others	5,384	5,402	5,078	6,452	5,982	5,865
Subtotal	20,106	17,297	15,861	18,076	18,945	18,369
United States	2,316	2,057	1,884	1,747	1,711	1,711
World Total	22,422	19,354	17,745	19,823	20,656	20,080

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	293	227	254	563	395	395
South America	1,277	1,082	1,167	1,251	1,260	1,260
European Union - 28	447	231	553	150	125	125
Other Europe	124	80	175	97	100	100
Former Soviet Union - 12	442	229	395	432	403	403
Middle East	13,746	13,424	11,650	12,467	13,030	12,330
North Africa	2,542	1,990	2,342	2,970	3,400	3,400
Sub-Saharan Africa	112	49	28	74	45	45
East Asia	9,413	9,499	6,441	7,321	6,560	7,760
South Asia	346	114	269	212	266	266
Oceania	31	19	14	7	20	20
Total	28,955	27,268	23,627	26,404	26,654	27,154
Production						
North America	14,170	12,015	12,719	15,149	15,000	15,000
South America	4,742	4,862	6,552	5,321	4,962	4,949
European Union - 28	59,866	58,651	55,979	63,240	63,700	63,500
Other Europe	1,451	1,290	1,256	1,367	1,404	1,404
Former Soviet Union - 12	34,102	35,563	31,225	36,816	35,401	35,521
Middle East	10,845	11,347	11,066	15,188	15,682	15,387
North Africa	2,156	4,041	5,378	4,281	3,357	3,357
Sub-Saharan Africa	2,562	2,537	2,820	2,840	3,050	3,050
East Asia	1,475	1,381	1,283	1,320	1,276	1,294
South Asia	1,844	1,943	1,946	1,989	2,033	2,033
Oceania	13,870	9,552	9,199	9,380	10,885	10,885
Total	147,083	143,182	139,423	156,891	156,750	156,380
Domestic Consumption						
North America	12,085	11,275	11,087	13,192	12,457	12,457
South America	3,495	3,780	4,016	3,969	3,932	3,919
European Union - 28	55,100	54,000	51,600	55,400	57,200	57,200
Other Europe	1,451	1,354	1,346	1,374	1,453	1,453
Former Soviet Union - 12	25,367	24,589	21,784	26,063	24,802	24,932
Middle East	25,603	25,396	24,727	26,557	27,707	27,207
North Africa	6,847	6,359	7,076	7,238	6,838	6,838
Sub-Saharan Africa	2,615	2,755	2,760	2,902	3,040	3,070
East Asia	10,833	10,914	7,845	8,457	7,845	9,070
South Asia	2,079	2,214	2,079	2,245	2,314	2,314
Oceania	3,900	4,050	5,385	5,890	6,100	6,100
Total	149,546	147,010	140,044	154,147	154,733	155,605
Ending Stocks						
North America	4,851	3,722	3,123	3,081	3,190	3,190
South America	835	705	1,146	1,207	885	897
European Union - 28	5,421	4,624	4,244	4,572	4,956	4,497
Other Europe	167	135	133	166	159	159
Former Soviet Union - 12	2,961	2,568	2,310	2,589	2,644	2,646
Middle East	3,844	3,944	2,604	3,389	3,927	3,569
North Africa	1,106	802	1,236	1,422	1,341	1,341
Sub-Saharan Africa	488	308	375	360	370	370
East Asia	503	469	348	532	290	516
South Asia	293	253	269	243	222	223
Oceania	1,942	1,813	1,946	2,251	2,656	2,656
Total	22,422	19,354	17,745	19,823	20,656	20,080

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Sorghum Trade
October/September Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Argentina	457	473	254	426	500	600
Australia	542	449	91	60	500	500
China	34	43	49	29	50	50
Ethiopia	75	75	75	75	75	75
India	24	123	53	50	50	50
Kenya	73	136	53	50	50	50
Nigeria	100	100	100	50	50	50
Others	402	298	235	229	169	169
Subtotal	1,707	1,697	910	969	1,444	1,544
United States	6,031	4,839	2,437	5,480	6,700	6,700
World Total	7,738	6,536	3,347	6,449	8,144	8,244
TY Imports						
Chile	54	49	73	9	50	50
China	5,209	4,436	652	3,709	6,100	6,200
Ethiopia	16	6	20	110	80	80
European Union	194	486	796	90	100	100
Japan	561	577	449	426	400	400
Kenya	146	141	109	80	150	150
Mexico	548	98	546	567	100	100
South Africa	82	27	59	40	50	50
South Sudan	36	148	26	81	150	150
Sudan	120	150	160	150	100	100
Others	345	563	475	416	401	401
Subtotal	7,311	6,681	3,365	5,678	7,681	7,781
Unaccounted	383	-196	-19	770	462	462
United States	44	51	1	1	1	1
World Total	7,738	6,536	3,347	6,449	8,144	8,244

TY=Trade Year, see Endnotes.

World Sorghum Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Production						
Argentina	3,400	3,000	2,500	2,500	2,400	2,800
Australia	994	1,257	1,160	300	1,700	1,700
Bolivia	557	1,023	949	960	1,000	1,000
Brazil	1,865	2,136	2,177	2,254	2,100	2,100
Burkina	1,663	1,366	1,930	1,870	1,900	1,900
Cameroon	1,339	1,372	1,416	1,200	1,400	1,400
China	2,235	2,465	2,909	3,600	3,550	3,550
Ethiopia	4,752	4,816	4,932	5,200	5,200	5,200
European Union	632	660	753	875	1,056	1,050
India	4,568	4,803	3,475	4,733	4,400	4,400
Mali	1,394	1,394	1,470	1,500	1,500	1,500
Mexico	4,638	4,545	4,700	4,300	4,500	4,500
Niger	1,808	1,945	2,100	1,970	1,900	1,900
Nigeria	7,556	6,939	6,721	6,665	6,900	6,900
Sudan	6,466	3,743	4,953	4,000	5,000	5,000
Others	7,154	7,077	7,825	7,370	7,434	7,434
Subtotal	51,021	48,541	49,970	49,297	51,940	52,334
United States	12,199	9,192	9,271	8,673	9,413	9,418
World Total	63,220	57,733	59,241	57,970	61,353	61,752
Total Consumption						
Argentina	2,900	3,100	2,150	2,050	2,000	2,100
Australia	675	800	1,050	480	1,000	1,000
Brazil	1,700	2,100	2,200	2,200	2,200	2,200
Burkina	1,640	1,400	1,800	1,870	1,900	1,900
Cameroon	1,369	1,387	1,441	1,225	1,425	1,425
Chad	950	1,000	1,000	1,000	1,000	1,000
China	7,400	6,900	3,600	7,200	9,500	9,600
Ethiopia	4,700	4,646	4,882	5,230	5,300	5,300
European Union	790	970	1,574	970	1,122	1,122
India	4,500	4,600	3,550	4,500	4,350	4,350
Mali	1,400	1,450	1,470	1,500	1,500	1,500
Mexico	5,300	4,700	5,100	5,000	4,600	4,600
Niger	2,000	1,850	2,100	2,050	2,000	2,000
Nigeria	7,350	6,950	6,650	6,650	6,850	6,850
Sudan	5,950	4,400	4,900	4,450	4,950	4,950
Others	7,571	8,252	8,686	8,127	8,456	8,456
Subtotal	56,558	54,391	52,216	55,133	58,516	58,716
United States	6,283	4,119	6,186	4,369	2,794	2,794
World Total	62,841	58,510	58,402	59,502	61,310	61,510
Ending Stocks						
Argentina	889	515	454	304	204	404
Australia	272	273	287	47	247	247
Burkina	97	58	183	178	173	173
China	147	105	17	97	177	197
Ethiopia	569	670	665	670	575	575
India	196	274	148	331	331	331
Sudan	993	386	549	224	334	324
Others	1,470	1,540	1,625	1,413	1,273	1,234
Subtotal	4,633	3,821	3,928	3,264	3,314	3,485
United States	850	885	1,617	749	765	770
World Total	5,483	4,706	5,545	4,013	4,079	4,255

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	592	149	547	568	101	101
South America	60	111	80	17	95	95
European Union - 28	194	486	796	90	100	100
Other Europe	0	0	0	0	0	0
Middle East	27	41	39	61	31	31
North Africa	5	1	0	17	0	0
Sub-Saharan Africa	629	719	664	709	750	750
East Asia	5,823	5,139	1,175	4,180	6,555	6,655
Southeast Asia	19	22	36	35	25	25
Others	6	64	29	2	25	25
Total	7,355	6,732	3,366	5,679	7,682	7,782
Production						
North America	16,837	13,737	13,971	12,973	13,913	13,918
Central America	308	281	272	272	277	277
Caribbean	118	91	106	71	76	76
South America	6,224	6,420	5,918	5,949	5,726	6,126
European Union - 28	632	660	753	875	1,056	1,050
Middle East	356	410	440	390	391	391
North Africa	752	754	755	755	755	755
Sub-Saharan Africa	29,720	26,466	29,096	27,668	29,192	29,192
East Asia	2,237	2,467	2,911	3,602	3,552	3,552
South Asia	4,717	4,957	3,615	4,873	4,545	4,545
Southeast Asia	50	50	50	50	50	50
Oceania	994	1,257	1,160	300	1,700	1,700
Others	275	183	194	192	120	120
Total	63,220	57,733	59,241	57,970	61,353	61,752
Domestic Consumption						
North America	11,583	8,819	11,286	9,369	7,394	7,394
Central America	308	281	275	272	277	277
Caribbean	120	91	108	71	76	76
South America	5,631	6,532	5,640	5,430	5,486	5,586
European Union - 28	790	970	1,574	970	1,122	1,122
Middle East	383	447	483	451	422	422
North Africa	752	754	755	771	755	755
Sub-Saharan Africa	29,383	27,367	29,115	28,598	29,800	29,800
East Asia	8,017	7,605	4,156	7,672	9,957	10,057
South Asia	4,665	4,817	3,717	4,641	4,520	4,520
Southeast Asia	71	66	85	81	73	73
Oceania	675	800	1,050	480	1,000	1,000
Others	100	75	95	65	65	65
Total	62,478	58,624	58,339	58,871	60,947	61,147
Ending Stocks						
North America	1,022	998	1,876	875	924	896
Central America	17	12	9	9	9	9
South America	1,167	892	740	652	448	647
European Union - 28	24	132	100	87	120	113
Middle East	0	0	0	0	0	0
North Africa	53	54	54	54	54	54
Sub-Saharan Africa	2,462	1,858	2,231	1,800	1,704	1,695
East Asia	199	157	38	119	198	219
South Asia	196	274	148	331	331	331
Oceania	272	273	287	47	247	247
Others	71	56	62	39	44	44
Total	5,483	4,706	5,545	4,013	4,079	4,255

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Oats Trade
October/September Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Australia	455	550	250	245	400	400
Canada	1,557	1,685	1,665	1,902	1,800	1,800
Chile	27	34	36	6	30	30
European Union	179	128	106	230	190	190
Kazakhstan	12	10	27	9	20	20
Russia	14	34	134	75	100	100
Ukraine	19	7	11	12	10	10
Others	5	6	11	14	11	11
Subtotal	2,268	2,454	2,240	2,493	2,561	2,561
United States	44	31	26	30	30	30
World Total	2,312	2,485	2,266	2,523	2,591	2,591
TY Imports						
Algeria	11	7	1	5	10	10
Belarus	0	3	26	3	5	5
Bosnia and Herzegovina	6	5	3	4	5	5
Canada	18	12	9	16	10	10
China	278	389	224	222	350	350
Colombia	1	1	5	5	5	5
Ecuador	21	39	16	20	30	30
European Union	3	4	15	8	5	5
India	25	19	21	25	20	20
Japan	49	44	46	47	50	50
Korea, South	23	46	31	25	25	25
Mexico	119	168	129	130	150	150
Norway	3	21	93	45	30	30
South Africa	24	39	23	62	40	40
Switzerland	54	49	51	56	50	50
Others	24	8	15	59	8	8
Subtotal	659	854	708	732	793	793
Unaccounted	123	88	160	199	148	148
United States	1,530	1,543	1,398	1,592	1,650	1,650
World Total	2,312	2,485	2,266	2,523	2,591	2,591

TY=Trade Year, see Endnotes.

World Oats Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Production						
Algeria	110	110	110	110	110	110
Argentina	785	492	572	600	640	640
Australia	2,266	1,227	1,135	860	1,600	1,600
Belarus	390	460	342	450	370	370
Brazil	828	634	795	879	910	910
Canada	3,231	3,733	3,436	4,227	4,500	4,500
Chile	713	573	385	477	638	638
China	525	550	575	625	625	625
European Union	8,044	8,058	7,790	8,082	8,150	9,250
Kazakhstan	335	285	336	267	300	300
Mexico	71	72	103	99	90	90
Norway	359	283	144	300	300	300
Russia	4,750	5,448	4,715	4,420	4,000	4,000
Turkey	225	250	230	230	240	240
Ukraine	510	481	423	427	450	450
Others	310	279	343	266	282	282
Subtotal	23,452	22,935	21,434	22,319	23,205	24,305
United States	938	720	815	773	949	949
World Total	24,390	23,655	22,249	23,092	24,154	25,254
Total Consumption						
Algeria	132	117	111	115	120	120
Argentina	760	525	550	600	630	630
Australia	1,500	900	900	700	1,050	1,050
Belarus	400	460	375	450	370	370
Brazil	775	675	775	845	905	905
Canada	1,854	2,041	2,083	2,419	2,400	2,400
Chile	655	575	375	455	575	575
China	710	850	870	870	980	980
European Union	7,950	7,900	7,920	7,840	7,930	8,830
Kazakhstan	274	275	315	250	280	280
Mexico	195	200	255	225	240	240
Norway	315	320	250	345	320	320
Russia	4,800	5,400	4,700	4,200	3,950	3,950
Turkey	240	240	230	240	240	240
Ukraine	450	480	450	420	435	435
Others	508	533	565	507	519	519
Subtotal	21,710	21,631	20,822	20,581	21,120	22,020
United States	2,537	2,358	2,326	2,345	2,492	2,492
World Total	24,247	23,989	23,148	22,926	23,612	24,512
Ending Stocks						
Australia	419	196	191	101	251	251
Canada	703	778	397	426	736	736
Chile	83	43	15	57	90	90
China	152	241	170	147	140	142
European Union	637	613	391	430	398	665
Kazakhstan	75	75	68	79	79	79
Russia	147	167	60	194	144	144
Others	376	281	249	288	300	309
Subtotal	2,592	2,394	1,541	1,722	2,138	2,416
United States	731	595	549	534	582	582
World Total	3,323	2,989	2,090	2,256	2,720	2,998

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	1,667	1,723	1,536	1,738	1,810	1,810
South America	31	46	27	58	40	40
European Union - 28	3	4	15	8	5	5
Other Europe	63	76	150	109	86	86
Former Soviet Union - 12	11	3	31	5	5	5
Middle East	0	0	0	5	0	0
North Africa	15	8	2	20	12	12
Sub-Saharan Africa	24	39	23	62	40	40
East Asia	350	479	301	294	425	425
South Asia	25	19	21	25	20	20
Oceania	0	0	0	0	0	0
Total	2,189	2,397	2,106	2,324	2,443	2,443
Production						
North America	4,240	4,525	4,354	5,099	5,539	5,539
South America	2,373	1,736	1,810	1,987	2,233	2,233
European Union - 28	8,044	8,058	7,790	8,082	8,150	9,250
Other Europe	502	426	301	439	432	432
Former Soviet Union - 12	5,990	6,679	5,822	5,570	5,126	5,126
Middle East	225	250	230	230	240	240
North Africa	125	145	173	150	145	145
Sub-Saharan Africa	56	23	33	16	30	30
East Asia	526	551	576	626	626	626
South Asia	0	0	0	0	0	0
Oceania	2,309	1,262	1,160	893	1,633	1,633
Total	24,390	23,655	22,249	23,092	24,154	25,254
Domestic Consumption						
North America	4,586	4,599	4,664	4,989	5,132	5,132
South America	2,269	1,859	1,787	1,957	2,195	2,195
European Union - 28	7,950	7,900	7,920	7,840	7,930	8,830
Other Europe	514	519	462	541	510	510
Former Soviet Union - 12	5,929	6,620	5,846	5,326	5,041	5,041
Middle East	240	240	230	240	240	240
North Africa	151	152	176	167	160	160
Sub-Saharan Africa	67	66	65	68	70	70
East Asia	784	940	951	943	1,055	1,055
South Asia	25	19	21	25	20	20
Oceania	1,540	935	928	730	1,083	1,083
Total	24,055	23,849	23,050	22,826	23,436	24,336
Ending Stocks						
North America	1,437	1,377	949	967	1,325	1,325
South America	240	122	130	196	234	234
European Union - 28	637	613	391	430	398	665
Other Europe	82	62	50	50	57	57
Former Soviet Union - 12	316	330	177	323	284	284
Middle East	6	16	16	11	11	11
North Africa	1	2	1	3	0	0
Sub-Saharan Africa	28	24	15	25	16	25
East Asia	154	244	170	147	141	143
South Asia	0	0	0	0	0	0
Oceania	422	199	191	104	254	254
Total	3,323	2,989	2,090	2,256	2,720	2,998

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Rye Trade
October/September Year, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
TY Exports						
Albania	0	0	0	0	0	0
Canada	132	227	152	147	200	200
European Union	139	92	187	260	150	150
Russia	29	152	178	1	75	75
Ukraine	14	38	42	10	50	50
Others	9	1	1	0	0	0
Subtotal	323	510	560	418	475	475
United States	4	4	4	6	5	5
World Total	327	514	564	424	480	480
TY Imports						
Belarus	3	28	9	3	3	3
Canada	0	2	2	3	2	2
European Union	16	137	221	1	25	25
Israel	4	21	17	5	20	20
Japan	24	21	23	19	20	20
Korea, South	4	3	3	4	5	5
Norway	4	5	19	10	5	5
Others	9	3	5	101	3	3
Subtotal	64	220	299	146	83	83
Unaccounted	91	-30	-29	-5	117	117
United States	172	324	294	283	280	280
World Total	327	514	564	424	480	480

TY=Trade Year, see Endnotes.

World Rye Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	2020/21 Oct	2020/21 Nov
Production						
Argentina	79	86	87	220	170	140
Belarus	651	670	503	650	900	900
Canada	436	341	236	333	430	430
European Union	7,440	7,401	6,213	8,387	8,653	9,200
Russia	2,538	2,540	1,914	1,424	1,800	1,800
Turkey	300	320	320	320	320	320
Ukraine	394	510	396	339	400	400
Others	155	176	121	162	160	160
Subtotal	11,993	12,044	9,790	11,835	12,833	13,350
United States	339	260	214	270	293	293
World Total	12,332	12,304	10,004	12,105	13,126	13,643
Total Consumption						
Argentina	79	86	87	220	170	140
Australia	29	30	30	30	30	30
Belarus	700	665	550	650	850	850
Canada	180	190	168	182	180	180
European Union	7,600	7,700	6,500	8,000	8,450	8,900
Israel	4	21	17	5	20	20
Norway	26	54	27	59	55	55
Russia	2,400	2,500	1,750	1,550	1,650	1,650
Turkey	300	320	320	320	320	320
Ukraine	380	480	330	305	355	355
Others	129	119	122	113	108	108
Subtotal	11,852	12,199	9,925	11,426	12,306	12,726
United States	496	483	518	550	571	571
World Total	12,348	12,682	10,443	11,976	12,877	13,297
Ending Stocks						
Belarus	41	61	35	38	91	91
Canada	165	124	50	40	92	92
European Union	989	670	486	618	769	793
Japan	1	1	1	1	1	1
Russia	291	260	141	104	179	179
Turkey	14	14	14	14	14	14
Ukraine	77	69	49	77	72	72
Others	12	16	4	0	0	0
Subtotal	1,590	1,215	780	892	1,218	1,242
United States	18	15	11	28	24	24
World Total	1,608	1,230	791	920	1,242	1,266

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2016/17	2017/18	2018/19	2019/20	Oct 2020/21	Nov 2020/21
TY Imports						
North America	172	326	296	286	282	282
South America	0	0	0	0	0	0
European Union - 28	16	137	221	1	25	25
Other Europe	9	8	22	14	8	8
Former Soviet Union - 12	7	28	11	100	3	3
Middle East	4	21	17	5	20	20
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	28	24	26	23	25	25
Oceania	0	0	0	0	0	0
Total	236	544	593	429	363	363
Production						
North America	775	601	450	603	723	723
South America	91	97	100	234	185	155
European Union - 28	7,440	7,401	6,213	8,387	8,653	9,200
Other Europe	70	93	52	92	92	92
Former Soviet Union - 12	3,624	3,759	2,836	2,436	3,120	3,120
Middle East	300	320	320	320	320	320
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	29	30	30	30	30	30
Total	12,332	12,304	10,004	12,105	13,126	13,643
Domestic Consumption						
North America	676	673	686	732	751	751
South America	91	97	100	234	185	155
European Union - 28	7,600	7,700	6,500	8,000	8,450	8,900
Other Europe	78	100	72	105	100	100
Former Soviet Union - 12	3,513	3,680	2,665	2,532	2,875	2,875
Middle East	304	341	337	325	340	340
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	29	24	26	23	25	25
Oceania	29	30	30	30	30	30
Total	12,323	12,648	10,419	11,984	12,759	13,179
Ending Stocks						
North America	183	139	61	68	116	116
South America	0	0	0	0	0	0
European Union - 28	989	670	486	618	769	793
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	421	406	229	219	342	342
Middle East	14	14	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	1	1	1	1	1	1
Oceania	0	0	0	0	0	0
Total	1,608	1,230	791	920	1,242	1,266

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.