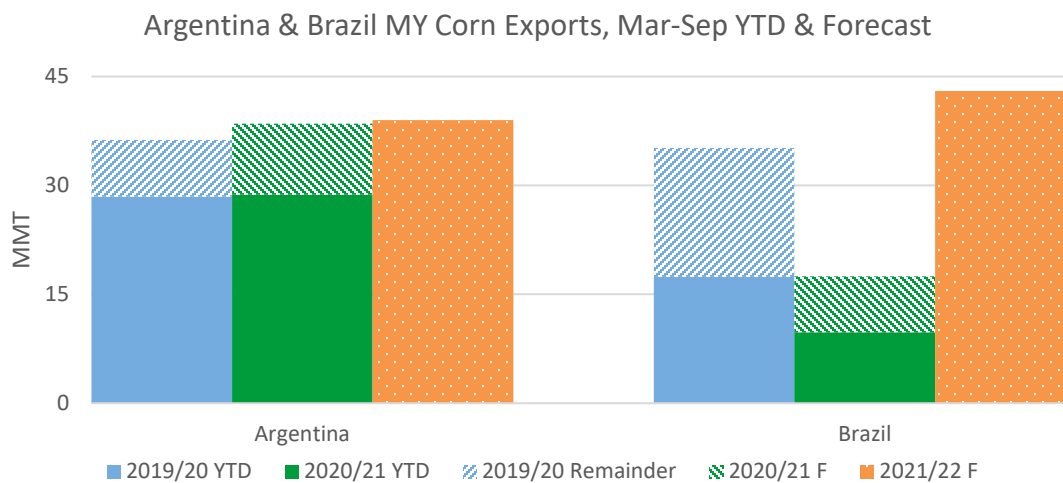


Grain: World Markets and Trade

Argentina and Brazil: Inverse Corn Export Prospects in 2020/21

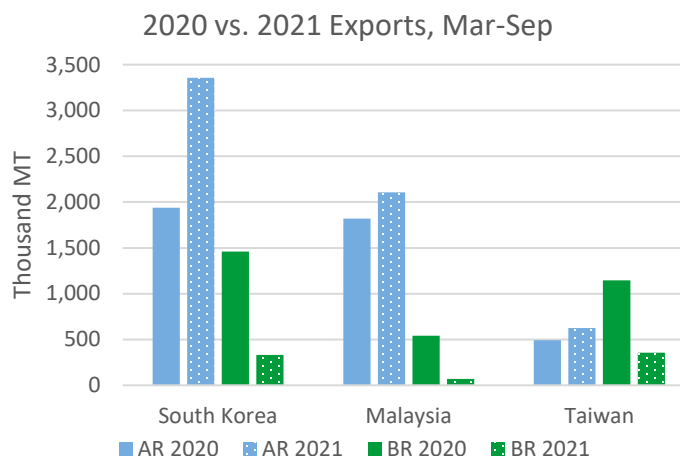


Source: Trade Data Monitor, LLC

Argentina corn exports for MY 2020/21 (Mar 2021-Feb 2022) are currently forecast at 38.5 million tons; if realized, this volume would be Argentina's largest corn exports on record. The outlook for Argentine corn is buoyed by weakening prospects for Brazil, whose exports for MY 2020/21 (also Mar 2021-Feb 2022) are forecast at just 17.5 million tons on a poor *safrinha* harvest. A depreciating Argentine peso has favored exports, whereas strong domestic demand in Brazil has had the opposite effect. Though the pace of Argentina exports from March to September 2021 is modestly higher than last year, volumes for the remaining months are expected to pick up and exceed year-ago levels; sailed vessel data indicate that this will be the case for October. In contrast, Brazil's exports over the same period are down by nearly half and data for October show just over 1.8 million tons of exports, a far cry from the 5.0 million tons in October 2020.

Argentina and Brazil usually compete in several major markets, including South Korea, Malaysia, and Taiwan. Looking at this subset of markets reveals how Brazil's exportable supply woes have tipped the balance in favor of Argentina this year. For each country, Argentina exports are greater than a year ago, whereas Brazil volumes are down year over year.

Fortunes for both Argentina and Brazil are expected to improve in MY 2021/22. Production as well as exports are forecast at a record for both countries. Notably, Brazil is forecast to produce 118.0 million tons of corn in 2021/22 with exports more than doubling to 43.0 million tons.



Source: Trade Data Monitor, LLC

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World Markets and Trade: Commodities and Data

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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 \(WASDE\)](#)

[Economic Research Service](#)

[National Agricultural Statistics Service](#)

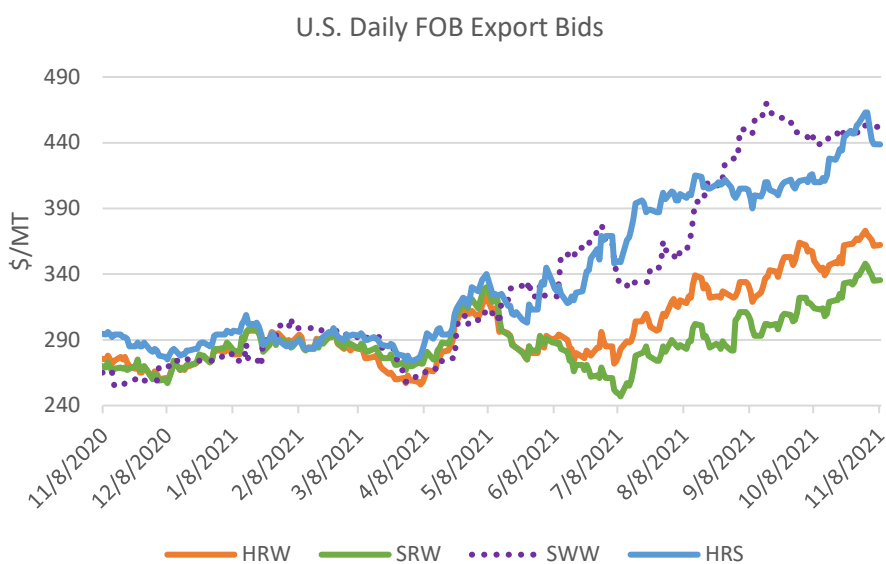
WHEAT

OVERVIEW FOR 2021/22

Global production is down this month with lower estimates for the European Union, United Kingdom, and Turkey, only partly offset by an upward revision for Russia. Global consumption is raised this month. Ending stocks are adjusted to the lowest in 5 years with downward revisions in India and the European Union. Global trade is forecast higher with imports raised for Iran, Turkey, Algeria, and Saudi Arabia. Exports are lifted for the European Union, Russia, and India. The U.S. season-average farm price is up 20 cents to \$6.90 per bushel.

WHEAT PRICES

Domestic: Export quotes continued to escalate since the October *WASDE* report. Hard Red Spring (HRS) shot up by \$24/ton to \$439, in tandem with Canadian quotes, to reflect the exceptionally tight supplies as a result of the North American drought and robust domestic and international demand. Soft White Winter (SWW) crept back up \$6/ton to \$452 but had muted interest from foreign buyers as prices remained high. Hard Red Winter (HRW) advanced \$4/ton to \$362 while Soft Red Winter (SRW) rose \$23/ton to \$335.



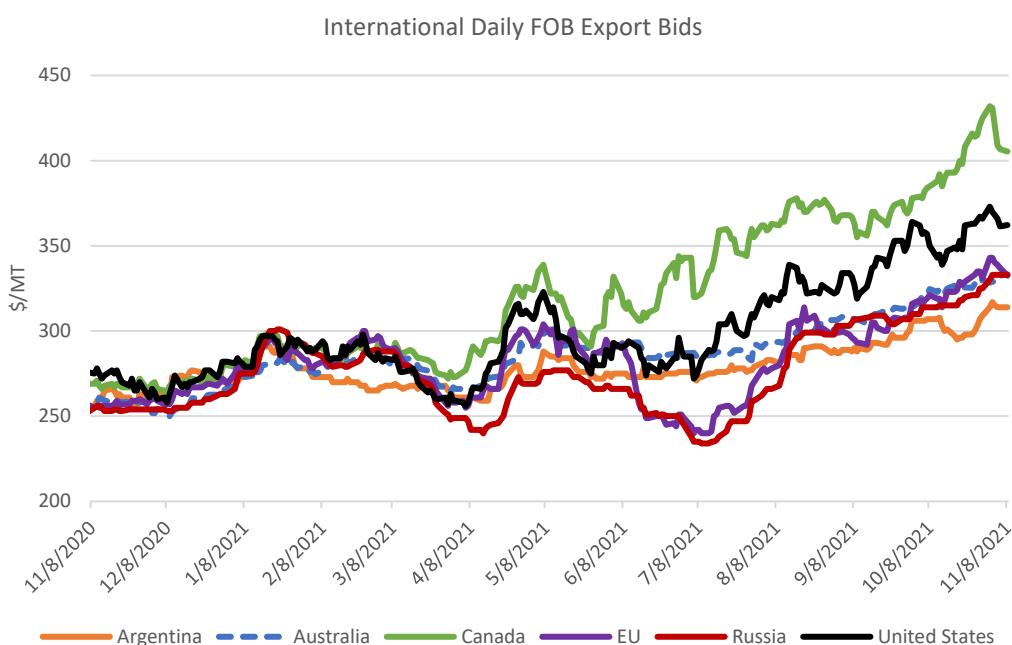
Source: IGC

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

Global: Global wheat prices continued to climb throughout October as international demand remained high despite tight supplies from some major exporters, though prices have settled lower the past few days. Canada had the largest increase as supplies are constrained by a significantly smaller crop. Canadian quotes peaked at a new high before dipping in November and settling up \$24/ton from the prior month. U.S. quotes followed a similar trend, up \$4/ton from the prior month. U.S. farm and futures prices have risen to the highest levels since 2012/13, reflected in the highest export quotes since the same period. EU and Russian export quotes rose \$15/ton and \$19/ton respectively on large tenders, especially from the Middle East and North Africa. Australian quotes rose \$12/ton and Argentine quotes rose \$8/ton ahead of their new crops.

Argentina	Australia	Canada	EU	Russia	United States
\$314	\$333	\$406	\$333	\$333	\$362

Note: As of November 8, 2021



Source: IGC

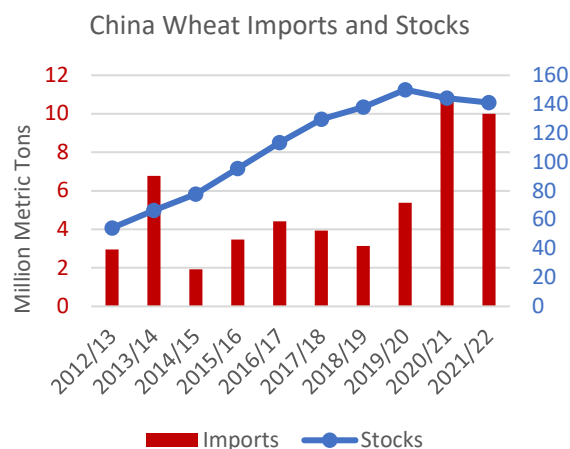
*Note on FOB prices: Argentina- 12.0%, up river; Australia- average of APW; Kwinana, Newcastle, and Port Adelaide; Russia - Black Sea- milling; EU- France grade 1, Rouen; US- HRW 11.5% Gulf; Canada- CWRS (13.5%), Vancouver

MARKET FEATURES

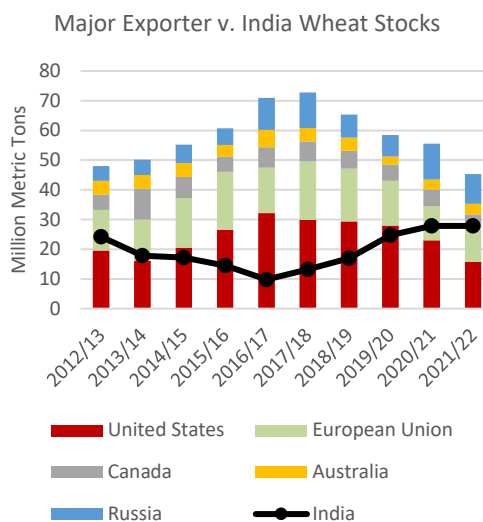
Record Wheat Trade, Tightening Global Stocks, and Higher Prices Pave the Way for India Exports

Wheat prices have risen sharply over the past several months, reflecting strong consumption growth despite relatively flat global production. Production was down sharply from last year among several of the major suppliers, including Canada, the United States, Kazakhstan, and Russia. While somewhat offset by larger crops in the European Union, Ukraine, and Argentina, strong global demand is a major factor leading to tighter global stocks. Import demand is surging as dry weather in the Middle East spurs additional imports, especially for Iran and Turkey. Tendering from the Middle East and North Africa has been robust especially over the past month despite global wheat prices significantly higher than last year.

About one-half of global stocks are held by China and generally have not played a significant role in the global market. But over the past year, high feed demand prompted China to offload some of the multi-year-old government-held stocks into the domestic market via auctions. Wheat stocks in China declined in 2020/21 for the first time in over a decade. Meanwhile, China import demand for milling-quality wheat soared, propelling it to become the second-largest importer. Imports are forecast at high levels again in 2021/22, with China forecast as the fourth-largest importer.



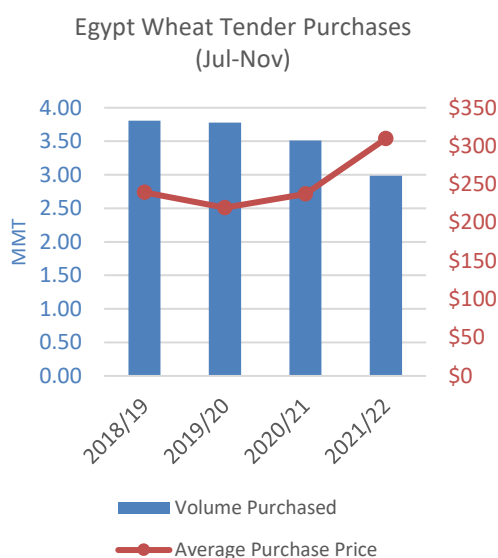
The major exporters' stocks are set to decline in 2021/22, representing tighter supplies available to the global market. Owing to drought-affected production, U.S. and Canada stocks are expected to draw down to the lowest level since 2007/08, despite lower exports from both countries. While Ukraine stocks remain steady, Russia stocks are set to decline with its smaller crop and strong exports to the Middle East. EU and Australia stocks are also expected to decline due to exceptionally high exports.



India wheat stocks have moved in the opposite direction to the major exporters and now account for 10 percent of global stocks. Over the past several years, production in India has been rising with increasing domestic procurement prices and the government has boosted purchases of wheat for its food security programs. With larger crops and government procurement, India wheat stocks have ballooned well above desired buffer stock levels. Tightening global supplies and high prices from major exporters has made India wheat competitive for the first time in several years. Indian wheat export prices averaged an attractive \$265/ton in August and have the advantage of lower freight rates to nearby countries. Exports are forecast to be almost 50 percent higher than last year and nearly nine times higher than 2 years ago. If realized, its exports would be the highest since 2013/14.

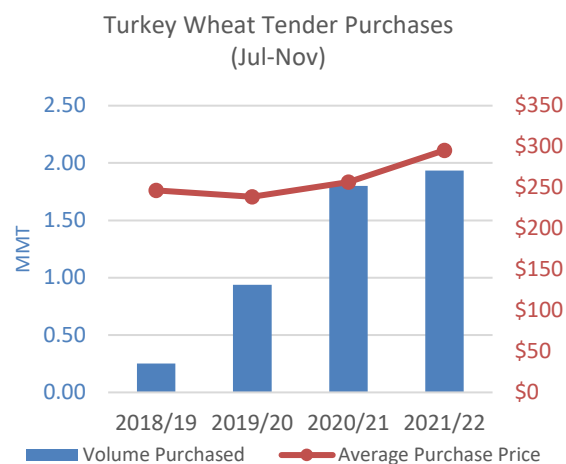
Middle East and North Africa Imports Remain Strong Despite High Prices

The Middle East and North Africa are projected to be the largest wheat importing regions in 2021/22, with the world's top importers Egypt and Turkey leading the way. Wheat consumption has steadily expanded in the Middle East and North Africa, mostly due to population growth, outpacing domestic production. Therefore, despite global wheat prices climbing to extremely high levels, importers in these regions are continuing to purchase wheat from international markets.



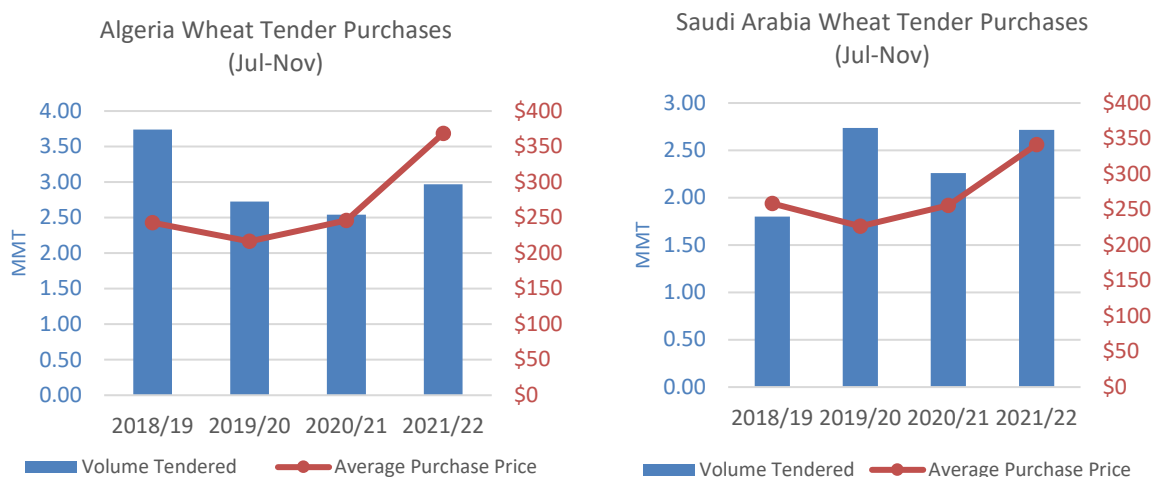
Egypt is forecast to import 13.0 million tons in 2021/22. State buyer GASC, the largest importer, has purchased 3.0 million tons through international tenders so far this trade year. While GASC had sporadic tenders in the early part of the year and even canceled some due to high prices, there was an uptick in tenders over the past month. While tender volume is down 15 percent from the same period last year, continued tenders and private sector purchases are expected to result in record imports. GASC typically buys wheat from Russia; however, Russia's tight supply and export tax have limited 2021/22 exports, prompting GASC to purchase lower-priced wheat from Ukraine and Romania. So far this year, GASC has purchased 20 times more Romanian wheat compared to the same period last year. Purchases from Ukraine are up 58 percent compared to last year, while purchases from Russia are down 68 percent.

Turkey, meanwhile, is forecast to import 11.0 million tons in 2021/22, up 37 percent from the previous trade year due to its smaller domestic crop and additional feed and FSI demand. Turkey's state buyer TMO has actively tendered for international wheat this year to satisfy expanding demand. Purchases are up slightly compared to the same period last year, although the average purchase price is \$39/ton higher. Compared to 2018/19, however, purchases are up nearly seven-fold reflecting Turkey's significantly larger role in global imports. In recent years, TMO has been buying international wheat to temper high domestic food price inflation.



Algeria imports are forecast up this month to 7.0 million tons as state buyer OAIC continues actively tendering despite climbing prices. Purchases are up 17 percent compared to last year while the average purchase price surged to \$369/ton, \$122/ton higher than last year. OAIC's purchase prices are elevated compared to other importers in the region due to their demand for higher-cost durum wheat. Saudi Arabia imports are also forecast up this month to 3.0 million tons. Purchases from state buyer SAGO are up 20 percent compared to last year despite a larger domestic crop. The average purchase price is

\$86/ton higher than last year. Other major importers in Middle East and North Africa, including Iran¹ and Tunisia, also show signs of rising import demand and increased state buying.



Unabated tendering from governments in the Middle East and North Africa indicates strong demand. State buying continues even as international prices escalate, given concerns about domestic food prices. Many of these countries implement consumer subsidies that mitigate the impact of price fluctuations on their populations, often keeping consumer demand insulated from high prices. Globally, sustained imports by the Middle East and North African region have contributed to tightening for major exporter stocks and continued upward pressure to global prices.

¹ See October 2021 [Grain: World Markets and Trade](#) Market Feature, “Iran Wheat Imports Rise with Tighter Supplies”

TRADE CHANGES IN 2021/22 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Algeria	Imports	7,000	7,500	500	Strong recent tendering
Iran	Imports	4,500	5,500	1,000	Strong first quarter shipments from Russia
Korea, South	Imports	3,900	4,100	200	Recent tendering for feed-quality wheat
Nigeria	Imports	5,800	6,000	200	Pace of trade to date
Saudi Arabia	Imports	3,000	3,500	500	Large recent tender
Thailand	Imports	3,300	3,100	-200	Feed use shifts toward corn and barley
Turkey	Imports	10,000	11,000	1,000	Smaller crop, large recent purchases in response to food price inflation
United States	Imports	3,500	3,200	-300	Durum and spring wheat purchases from Canada lower than expected
European Union	Exports	35,500	36,500	1,000	Strong exports to Africa and the Middle East
India	Exports	4,500	5,250	750	Competitive prices to nearby markets
Russia	Exports	35,000	36,000	1,000	Demand from Middle East markets
Turkey	Exports	6,000	6,250	250	Steady wheat flour and product shipments
Ukraine	Exports	23,500	24,000	500	Large recent shipments of feed-quality wheat
United States	Exports	24,500	24,000	-500	Rising prices and sluggish sales

RICE

OVERVIEW FOR 2021/22

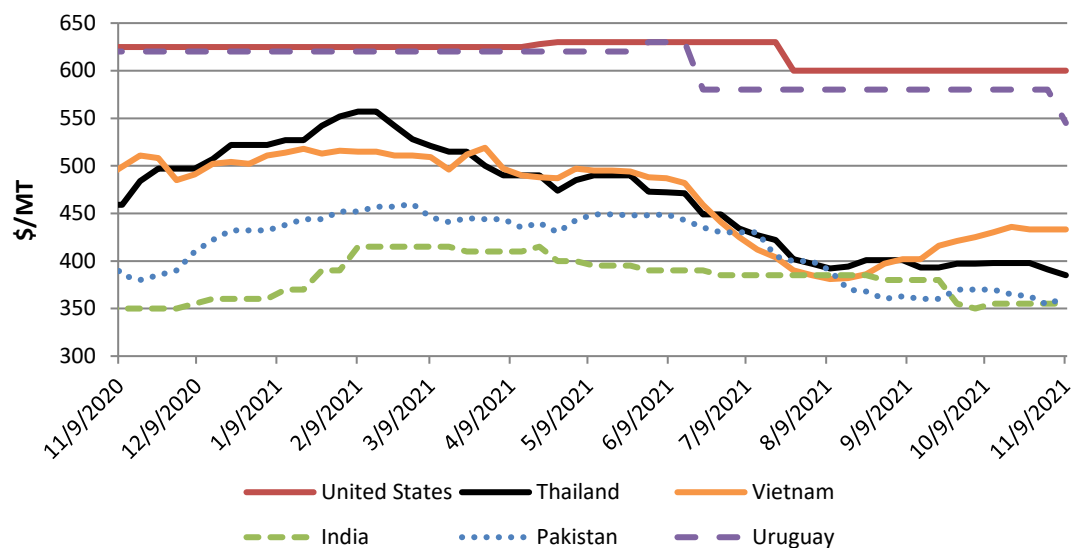
Global rice production is forecast higher this month, mostly on larger crops in Congo and Guinea. The global consumption forecast was lowered primarily for India, offsetting increases in several African countries. Global stocks are up primarily on a higher forecast for India. Global trade is down, with weaker exports for China and Burma and lower imports for Iran and the European Union.

OVERVIEW FOR 2020/21

Global rice production is estimated higher mostly due to an upward revision for Congo. The consumption forecast is lowered mainly for India, while global stocks are up primarily on larger estimates for India and Vietnam. Global trade is forecast higher with record imports for Vietnam. Higher exports for India and Cambodia more than offset lower exports for Burma.

RICE PRICES

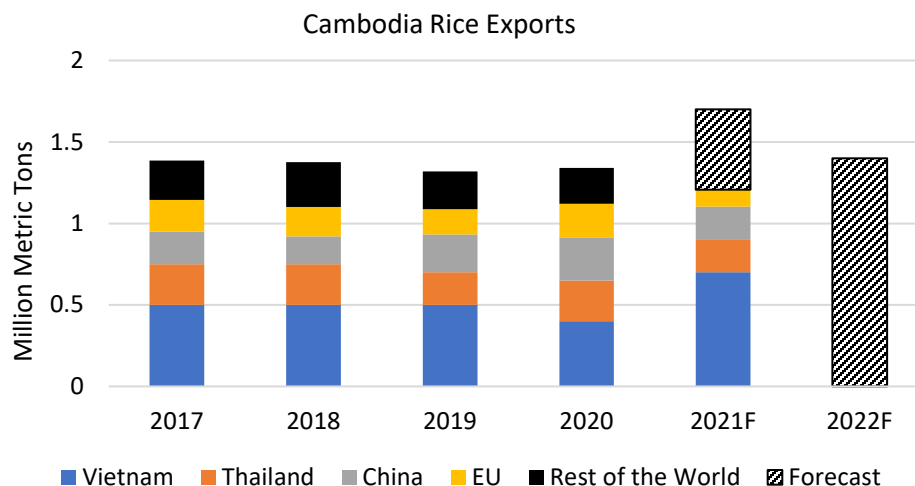
Weekly FOB Long Grain Rice Export Quotes: Last 12 Months



Global: Over the past month, U.S. quotes remained unchanged at \$600/ton, while Uruguayan quotes dropped \$35 to \$545/ton due to ample supplies. In Thailand, quotes dipped to \$385/ton, reflecting a return to normal market conditions following a surge of shipments in September and early October. Vietnamese prices trended up amid tight supplies and strong domestic demand, with an \$8 increase to \$433/ton. In Pakistan, quotes fell \$7 to \$363/ton, influenced by the weakening rupee and continued container shortages. Indian prices rose \$5, but remain very competitive at \$355/ton, amid robust supplies and steady demand.

MARKET FEATURES

Record Cambodia Rice Export Forecast



The forecast for Cambodia's 2020/21 rice exports is up this month to a record 1.7 million tons in response to rising demand from Vietnam and China.

Milled exports are forecast up slightly this year, primarily on gains to China. Cambodia rice exports to China are up 18 percent compared to last year. China imports are expected to reach their highest level in 3 years. Cambodia benefits from a memorandum of understanding with China for up to 400,000 tons per year of duty-free access.

In contrast to the successes in China, exports to the European Union (EU) are down this year. Overall EU imports are forecast lower, affected in part by high freight costs and container shortages. Cambodia also continues to face import duties applied as safeguard measures under the *Everything But Arms* agreement. Cambodia has lost EU market share to lower-priced competitors such as Pakistan and India.

In addition to milled rice exports, which are mostly fragrant, Cambodia also exports paddy rice to neighboring Vietnam and Thailand. Paddy trade is driven by limited milling capacity in Cambodia and excess milling capacity in Vietnam and Thailand. While Cambodia exports to Thailand are down slightly in 2021, exports to Vietnam are up sharply.

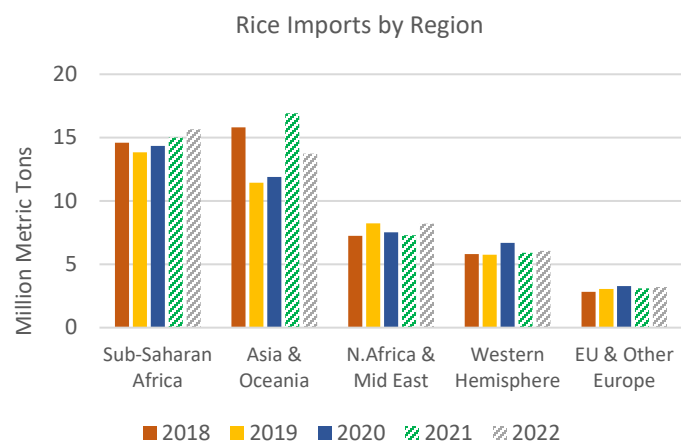
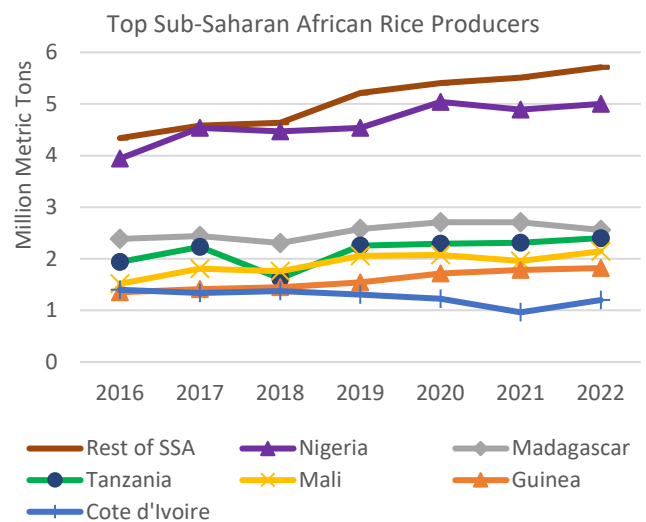
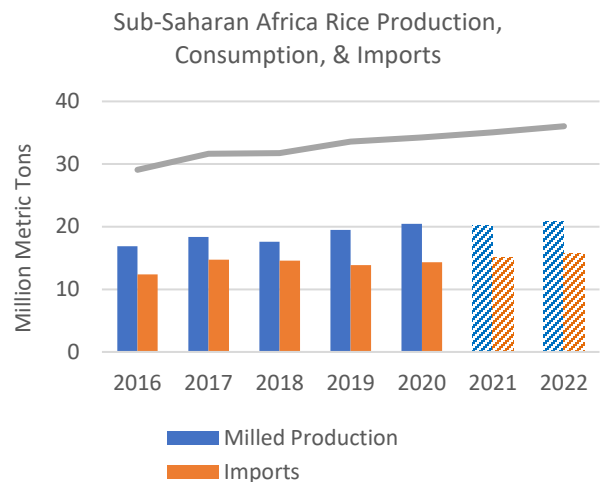
Vietnam imports have risen to record levels due to several factors. Various COVID-related restrictions have led to logistical challenges in moving rice within Vietnam. Vietnam's domestic demand remains robust, driving domestic prices higher. While India initially met supplied Vietnam, Cambodia now has expanded its cross-border trade to meet this growing demand, doubling its annual exports to Vietnam. Despite growth this year, Cambodia exports are expected to return to more normal levels next year.

Sub-Saharan Africa Grows in Quantity and Importance as a Top Global Rice Importer

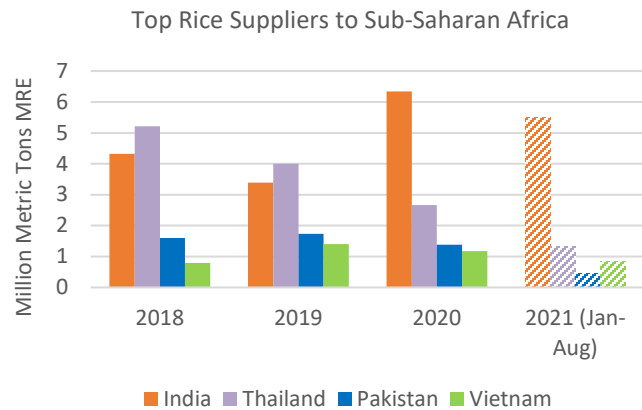
Rice is an increasingly important commodity in Sub-Saharan Africa. Across the region as a whole, rice consumption, production, and imports have all been increasing, although there are differences between individual countries. The rise in consumption is attributed to economic, social, and demographic changes, including explosive population growth and rising urbanization. In addition, greater urbanization and a growing middle class in some countries have shifted consumption away from traditional staples such as cassava and other tubers and local grains towards rice, which is less time-consuming to prepare. Many Sub-Saharan African markets are price-sensitive and purchase broken rice, but there is growing demand for premium fragrant varieties, especially in Ghana, as well as strong demand for Indian and Thai parboiled rice in Nigeria and West Africa.

The top rice producers in Sub-Saharan Africa are Nigeria, Madagascar, Tanzania, Mali, Guinea, and Cote d'Ivoire. Given the growing importance of rice in diets, many of these large producers have domestic programs aimed at achieving self-sufficiency in rice production. Government initiatives to improve seed quality, increase access to fertilizer, and expand irrigation have slowly improved yields. In addition, some countries such as Cote d'Ivoire, have made significant investments in milling capacity. Despite efforts to expand production, the region is unlikely to achieve self-sufficiency in the near- to medium- term and imports are expected to grow to support rising consumption.

As a region, Sub-Saharan Africa has shown significant growth in imports, now rivaling annual imports for all of Asia. Major world exporters are taking note of this increasingly important market, projected to be the global leader for rice imports next year. In 2020, Indian exports to Sub-Saharan Africa skyrocketed, exceeding 6 million tons, spurred by very low prices and India's advantage in sending bulk shipments. India has retained the



majority market share thus far in 2021. Once the top supplier, Thailand has seen its share shrink drastically, as Thai exports have been limited by less competitive prices, as well as container trade delays and shortages. Sub-Saharan Africa is forecast to import 15.0 million tons by the end of 2021, rising to a record 15.6 million tons in 2022.



TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	4,000	4,500	500	Continued demand for low priced milled and broken rice
Burma	Exports	2,000	1,800	-200	Continued borders closure between Burma and China
China	Exports	2,400	2,100	-300	Lower priced rice from competitors
India	Exports	17,500	18,000	500	Abundant and low-priced supplies

TRADE CHANGES IN 2021 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	2,400	2,500	100	Pace to date
China	Imports	4,000	4,500	500	Strong demand for low-priced milled and broken rice
Iran	Imports	1,050	950	-100	Slow import pace; weak Iranian rial amid rising domestic inflation
United Arab Emirates	Imports	850	750	-100	Slow import pace
Vietnam	Imports	1,250	1,650	400	Large purchases from Cambodia and India
Cambodia	Exports	1,300	1,700	400	Increased demand from Vietnam

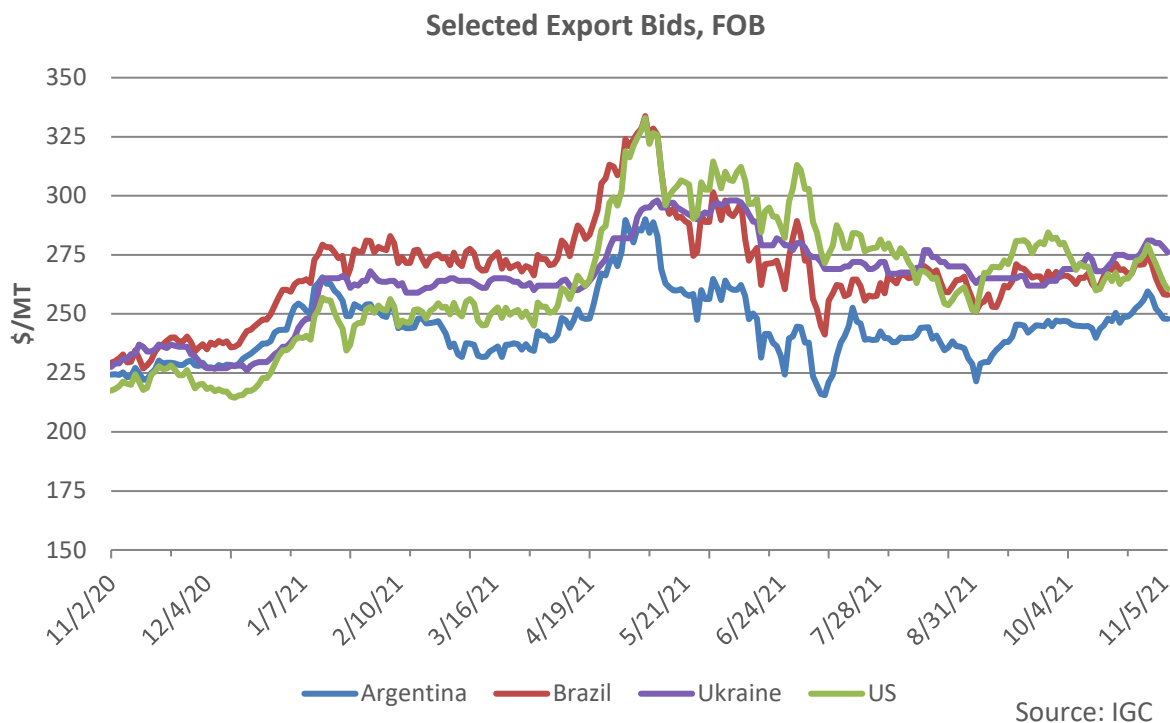
COARSE GRAINS

OVERVIEW FOR 2021/22

Global corn production is up with larger crops in Argentina, the European Union, Nigeria, and the United States far outweighing minor cuts in the Philippines and Togo. Global trade is marginally lower than last month as reductions for Bangladesh and Brazil more than offset higher exports for Argentina and the European Union. Global imports are down by a similar amount on cuts to Nigeria and Turkey, though Iran and Thailand are forecast higher. The U.S. season-average farm price is unchanged at \$5.45 per bushel.

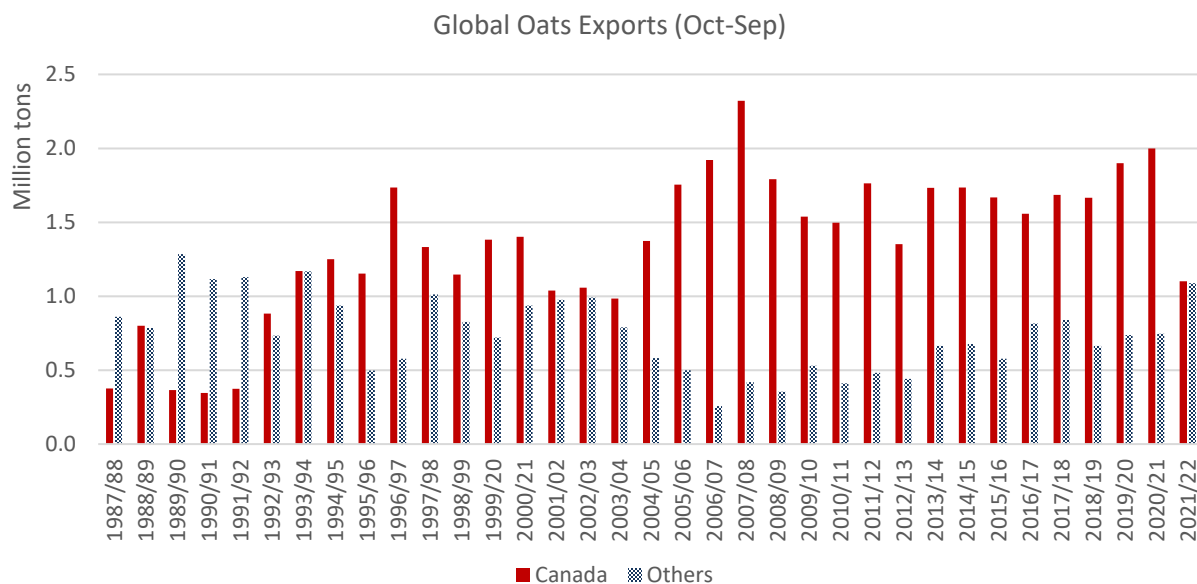
CORN PRICES

Global: Since the October *WASDE*, major exporters' bids have been mixed, with Brazilian and U.S. bids lower while Argentine and Ukraine bids are higher. Argentine bids are up \$3/ton to \$248 on strong foreign demand. Brazilian bids are down \$7 to \$258 with sharply smaller October exports from a year ago (1.8 million tons in 2021 vs 5.0 million tons in 2020) and South American weather continues to be favorable for production. Ukrainian bids finished the month up \$9/ton to \$281, reflecting the delay in harvests as a result of significant rainfall. U.S. bids are down \$9/ton to \$260, as export sales continue to disappoint to begin the new marketing year. It is important to note that bids in all major exporters have declined sharply to start November with progressing harvests of expected bumper crops in South America and Ukraine.



MARKET FEATURES

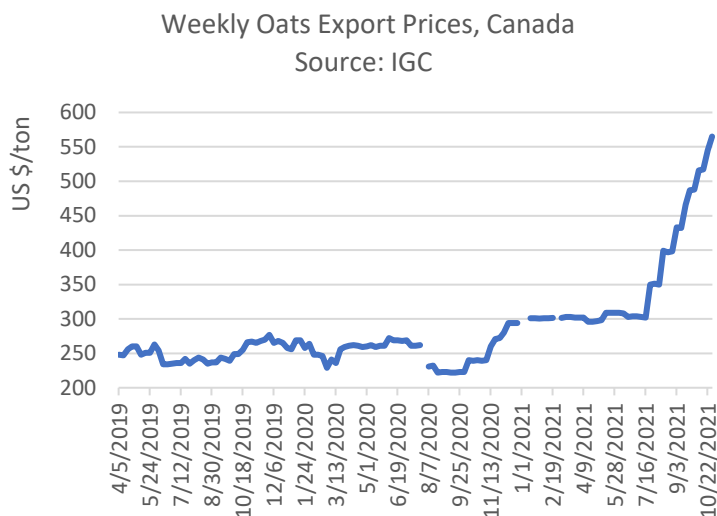
Global Oats Exports



Canada has been the top global exporter of oats for the past 3 decades. For 2021/22, exports (Oct-Sep) are currently forecast at 1.1 million tons, down drastically from previous years and the lowest level since 2003/04. Typically, about half of production is destined for export. Production is currently forecast at 2.3 million tons, down 50 percent from a year ago due to hot and dry weather this past summer. This would be the smallest crop since 1991/92. Reflecting the supply situation, export prices have soared since July and in October reached at \$565 per ton, the highest level on record.

The United States has been the top destination for Canada oats. On average, a little over 60 percent of oats consumed in the United States are imported, supported by demand for food and industrial uses as well as demand for high-quality feed for horses.

In recent years, Mexico, Chile, and Peru have increased imports of Canada oats as these countries have expanded their processing sectors for export of oat-based food products to neighboring countries. Reduced supplies in Canada are expected to boost export opportunities for other oats exporters including Australia and the European Union.



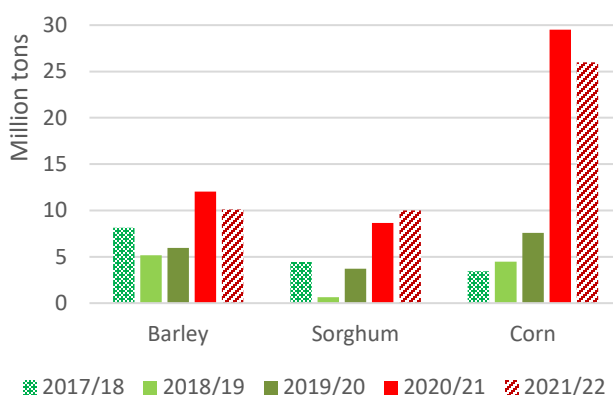
China Imports of Feedstuffs in 2020/21

China coarse grain imports for 2020/21 are now complete. Based on China Customs' data, combined imports of corn, sorghum, and barley from the world totaled 50.2 million tons, doubling the previous record set in 2014/15. Imports of corn and barley each reached new highs, while sorghum reached the second-largest volume on record. Major suppliers for corn were the United States (69 percent) and Ukraine (29 percent); for sorghum, the United States (77 percent) and Argentina (14 percent); for barley, Canada (29 percent), France (26 percent), and Ukraine (26 percent).

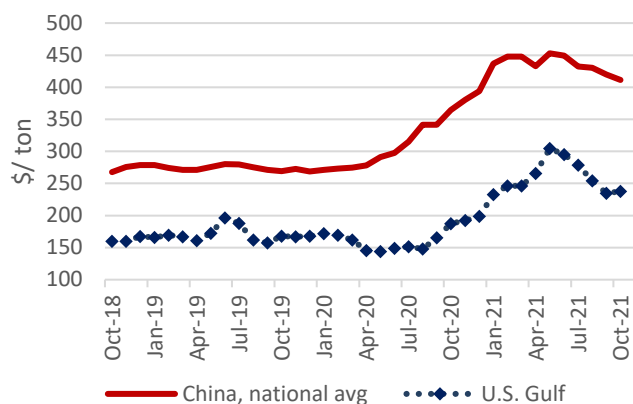
The import growth can be attributed to a convergence of events. Aside from the implementation of the U.S.- China Phase One agreement, the recovery in the swine sector from African swine fever favored the use of corn in feed rations and drove domestic corn prices higher. The run-up in prices widened the spread between imports and domestic corn, making imports highly profitable. Higher prices also boosted imports of sorghum and barley. These corn substitutes are not genetically modified, making imports and use less administratively burdensome. Since June, domestic corn prices have declined but are still above a year ago despite expectations of a record harvest this fall.

Imports of non-grain feed ingredients (NGFI) also grew from the prior year. Strong cassava imports can be attributed to high domestic corn prices as feed mills and fuel ethanol plants may have turned to a cheaper alternative to domestic corn. Imports of distillers' dried grains (DDGS) improved from a year ago but were small as the antidumping and countervailing duties on U.S. DDGS remain in place. Imports of dried peas, used as a protein source in feed rations, continued to set new highs.

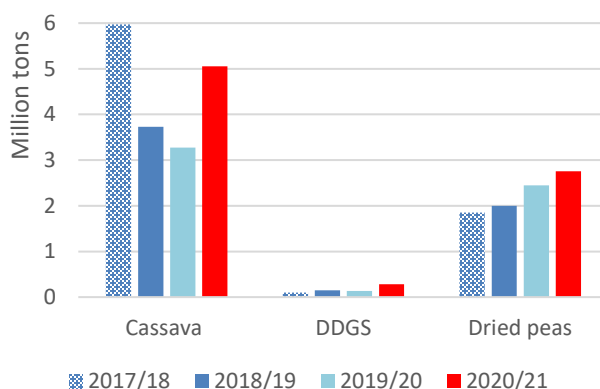
China Imports (Oct-Sep)



Corn Prices



China NGFI Imports (Oct-Sep)



TRADE CHANGES IN 2021/22 (1,000 MT)

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Corn	Exports	39,500	40,500	1,000	Larger production & weaker Brazil exports
Australia	Sorghum	Exports	500	700	200	Stronger demand from China
Brazil	Corn	Exports	31,000	29,000	-2,000	Weaker exports in Nov-Feb
Burma	Corn	Exports	1,600	1,800	200	Carryover change
	Barley	Imports	9,600	10,100	500	Expectations of strong demand in the South amid high transportation costs for moving domestic corn from the North
China	Sorghum	Imports	9,800	10,000	200	
European Union	Corn	Exports	4,100	4,400	300	Larger production
Iran	Corn	Imports	6,000	6,300	300	Carryover change
Nigeria	Corn	Imports	500	200	-300	Larger production
Saudi Arabia	Barley	Imports	7,000	6,500	-500	Carryover change
Thailand	Corn	Imports	1,600	1,800	200	Substitute for lower wheat feeding
Turkey	Corn	Imports	3,600	3,300	-300	Larger production

TRADE CHANGES IN 2020/21 (1,000 MT) – changes based on trade data

Country	Commodity	Attribute	Previous	Current	Change
Algeria	Corn	Imports	4,600	4,186	-414
Argentina	Corn	Exports	36,000	36,544	544
Australia	Sorghum	Exports	1,000	1,230	230
Canada	Barley	Exports	3,300	3,520	220
China	Barley	Imports	11,300	12,049	749
	Corn	Imports	28,000	29,512	1,512
European Union	Barley	Exports	7,800	8,350	550
	Corn	Exports	3,400	3,600	200
	Corn	Imports	14,200	14,600	400
Iran	Corn	Imports	6,600	6,900	300
Korea, South	Corn	Imports	11,500	11,714	214
Nigeria	Corn	Imports	500	300	-200
Russia	Barley	Exports	5,600	5,400	-200
Saudi Arabia	Barley	Imports	6,700	6,200	-500
	Corn	Imports	3,400	3,017	-383
South Africa	Corn	Exports	3,000	2,751	-249
Tanzania	Corn	Exports	150	350	200
Turkey	Corn	Imports	2,100	1,794	-306
Ukraine	Barley	Exports	4,700	5,000	300
United States	Corn	Exports	68,300	68,558	258

ENDNOTES

REGIONAL TABLES

North America: Canada, Mexico, the United States

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

Caribbean: Cuba, Dominican Republic, Haiti, Jamaica, Trinidad and Tobago

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela

EU: 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, and Sweden. Effective January 1, 2021, the separation of the United Kingdom (UK) from the European Union (EU) was complete, including trade between both entities. Starting in May 2021 with the release of 2021/22 data, grain PSDs reflect EU27 (shown in the PSD system as “European Union”) and UK separately. Beginning with the release of 2021/22 data, historical data for both EU27 and the UK are provided for 5 years (2016/17 through 2020/21). See below for notes on prior years’ EU Consolidated data.

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

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,

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

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

OTHER NOTES

Marketing Years (MY): MY 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 MY for that commodity (2021/22 starts in 2021); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the MY (2021/22 starts in 2022). Key exporter MY'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 (TY 2021/22 corresponds to Jan – Dec 2022).

EU Consolidation:

Effective January 1, 2021, the separation of the United Kingdom (UK) from the European Union (EU) was complete, including trade between both entities. Starting in May 2021 with the release of 2021/22 data, grain PSDs reflect EU27 (shown in the PSD system as “European Union”) and UK separately.

Beginning with the release of 2021/22 data, historical data for both EU27 and the UK are provided for 5 years (2016/17 through 2020/21). The trade figures starting from 1999/00 through 2015/16 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 (1001), flour (1101), bulgur (190430), and selected pasta products (190219, 190230, and 190240) on a grain-equivalent basis (all wheat flour and products are multiplied by 1.368). (2) Rice trade statistics include rough (100610), brown (100620), milled (100630), and broken (100640) on a milled-equivalent basis (rough rice is multiplied by 0.7 and brown rice is multiplied by 0.875). (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.

Note: For further details on world grain production, please see [World Agricultural Production](#) November 2021. 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

		Wheat			Rice, Milled			Corn		
	Marketing Year	2019/20	2020/21	2021/22	2019/20	2020/21	2021/22	2019/20	2020/21	2021/22
Production										
United States	(Jun-May)	52.6	49.8	44.8	5.9	7.2	6.2	346.0	358.4	382.6
Other		709.6	724.9	730.5	493.0	500.1	505.5	773.7	760.6	822.0
World Total		762.2	774.7	775.3	498.9	507.3	511.7	1,119.7	1,119.0	1,204.6
Domestic Consumption										
United States	(Jun-May)	30.4	30.5	31.7	4.6	4.8	4.7	309.5	306.5	313.2
Other		710.8	743.6	753.6	488.1	494.0	504.3	821.5	838.2	858.8
World Total		741.2	774.1	785.3	492.7	498.8	509.0	1,131.0	1,144.7	1,172.0
Ending Stocks										
United States	(Jun-May)	28.0	23.0	15.9	0.9	1.4	1.1	48.8	31.4	37.9
Other		267.5	265.0	259.9	180.9	186.1	186.8	257.7	260.5	266.5
World Total		295.5	288.0	275.8	181.8	187.5	187.9	306.5	291.9	304.4
TY Imports										
United States	(Jun-May)	2.8	2.7	3.2	1.2	1.1	1.2	1.0	0.6	0.7
Other		186.5	191.3	197.9	42.5	47.1	45.7	168.8	182.0	185.1
World Total		189.3	194.0	201.1	43.7	48.2	46.9	169.8	182.6	185.8
TY Exports										
United States	(Jun-May)	26.4	26.7	24.0	2.9	3.0	2.9	47.0	68.6	63.0
Other		168.5	171.3	181.0	42.3	46.3	45.8	128.7	115.0	127.4
World Total		194.9	198.0	205.0	45.2	49.3	48.7	175.7	183.6	190.4

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Argentina	14,000	12,680	13,608	9,597	13,000	13,000
Australia	15,512	9,835	10,118	19,720	24,500	24,500
Brazil	245	594	408	911	1,300	1,300
Canada	22,019	24,452	23,478	27,700	15,500	15,500
European Union	24,895	24,686	39,766	29,730	35,500	36,500
India	517	494	595	3,597	4,500	5,250
Kazakhstan	8,519	8,780	6,888	8,128	7,200	7,200
Russia	41,447	35,863	34,485	38,500	35,000	36,000
Turkey	6,725	6,676	6,633	6,571	6,000	6,250
Ukraine	17,775	16,019	21,016	16,851	23,500	24,000
Others	12,080	11,826	11,492	10,010	11,313	11,508
Subtotal	163,734	151,905	168,487	171,315	177,313	181,008
United States	23,230	26,202	26,390	26,702	24,500	24,000
World Total	186,964	178,107	194,877	198,017	201,813	205,008
TY Imports						
Afghanistan	3,300	3,700	3,000	3,000	3,000	3,000
Algeria	8,172	7,515	7,145	7,680	7,000	7,500
Bangladesh	6,472	5,100	6,800	7,200	7,400	7,400
Brazil	6,702	7,442	7,063	6,359	6,500	6,500
China	3,937	3,145	5,376	10,618	10,000	10,000
Egypt	12,407	12,354	12,811	12,149	13,000	13,000
European Union	6,060	5,763	5,551	5,379	5,300	5,300
Indonesia	10,763	10,934	10,586	10,450	10,400	10,400
Iran	190	170	2,500	2,200	4,500	5,500
Iraq	4,158	3,894	2,050	2,178	2,600	2,600
Japan	5,876	5,726	5,683	5,493	5,600	5,600
Kenya	2,158	2,000	2,500	2,092	2,200	2,200
Korea, South	4,269	3,908	3,941	3,889	3,900	4,100
Mexico	5,245	4,861	5,080	4,724	5,100	5,100
Morocco	3,672	3,724	4,879	5,191	4,500	4,500
Nigeria	5,162	4,659	5,338	6,586	5,800	6,000
Pakistan	2	2	1	3,617	2,500	2,500
Philippines	6,059	7,570	7,065	6,113	6,400	6,400
Saudi Arabia	3,492	2,902	3,652	2,818	3,000	3,500
Sudan	2,580	2,222	2,684	2,064	2,150	2,150
Thailand	3,173	2,899	3,501	3,306	3,300	3,100
Turkey	6,092	6,515	11,087	8,051	10,000	11,000
Uzbekistan	3,119	2,837	2,746	3,758	3,200	3,200
Vietnam	4,709	3,500	3,570	3,900	3,650	3,650
Yemen	3,010	3,675	3,728	4,043	3,600	3,600
Others	57,753	53,746	58,080	58,467	60,044	60,119
Subtotal	178,532	170,763	186,417	191,325	194,644	197,919
Unaccounted	4,058	3,849	5,627	4,003	3,669	3,889
United States	4,374	3,495	2,833	2,689	3,500	3,200
World Total	186,964	178,107	194,877	198,017	201,813	205,008

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Production						
Argentina	18,500	19,500	19,780	17,645	20,000	20,000
Australia	20,941	17,598	14,480	33,000	31,500	31,500
Brazil	4,264	5,428	5,200	6,250	7,900	7,900
Canada	30,377	32,352	32,670	35,183	21,000	21,000
China	134,241	131,441	133,600	134,250	136,900	136,900
Egypt	8,450	8,450	8,770	8,900	9,000	9,000
European Union	136,681	123,124	138,741	126,012	139,400	138,400
India	98,510	99,870	103,600	107,860	109,520	109,520
Iran	12,700	14,500	15,550	15,000	13,500	13,500
Kazakhstan	14,802	13,947	11,452	14,256	12,000	12,000
Pakistan	26,674	25,076	24,349	24,946	27,000	27,000
Russia	85,167	71,685	73,610	85,354	72,500	74,500
Turkey	21,000	19,000	17,500	18,250	16,500	16,250
Ukraine	26,981	25,057	29,171	25,420	33,000	33,000
United Kingdom	14,837	13,555	15,600	9,658	15,000	14,300
Others	60,036	59,522	65,557	62,921	66,360	65,717
Subtotal	714,161	680,105	709,630	724,905	731,080	730,487
United States	47,380	51,306	52,581	49,751	44,790	44,790
World Total	761,541	731,411	762,211	774,656	775,870	775,277
Total Consumption						
Algeria	10,450	10,750	10,950	11,250	11,250	11,350
Brazil	12,000	12,100	12,100	12,050	12,600	12,600
China	121,000	125,000	126,000	150,000	149,000	149,000
Egypt	19,800	20,100	20,300	20,600	21,000	21,000
European Union	113,500	106,300	107,700	104,250	108,500	107,500
India	95,677	95,629	95,403	102,217	104,500	104,500
Indonesia	10,600	10,600	10,300	10,100	10,100	10,100
Iran	15,900	16,100	17,200	17,400	17,600	18,200
Morocco	10,500	10,700	10,400	10,400	10,700	10,700
Pakistan	25,000	25,400	25,500	26,200	27,200	27,200
Russia	43,000	40,500	40,000	42,500	40,500	41,000
Turkey	18,300	18,800	20,000	20,600	21,000	21,500
Ukraine	9,800	8,800	8,300	8,700	9,400	9,200
United Kingdom	16,378	15,417	15,196	13,455	15,700	15,300
Uzbekistan	9,700	9,500	9,500	9,300	9,400	9,000
Others	179,948	177,471	181,951	184,646	185,424	185,507
Subtotal	713,111	705,326	716,962	751,737	755,455	755,771
United States	29,245	29,986	30,436	30,473	31,597	31,652
World Total	742,356	735,312	747,398	782,210	787,052	787,423
Ending Stocks						
Algeria	4,529	5,219	5,358	5,685	5,025	5,425
China	129,508	138,088	150,015	144,120	141,020	141,020
European Union	17,897	15,798	12,624	10,035	10,718	9,735
India	13,230	16,992	24,700	27,800	28,845	27,845
Iran	6,766	4,936	4,786	4,336	4,006	4,786
Pakistan	4,820	2,533	991	2,854	4,554	4,554
Russia	12,010	7,778	7,228	11,982	9,482	9,982
Others	65,925	59,961	61,817	58,134	57,740	56,590
Subtotal	254,685	251,305	267,519	264,946	261,390	259,937
United States	29,907	29,386	27,985	23,004	15,785	15,867
World Total	284,592	280,691	295,504	287,950	277,175	275,804

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	10,070	8,834	8,588	7,960	9,300	9,000
Central America	1,910	1,928	2,074	2,147	2,180	2,180
South America	15,320	14,955	15,537	15,246	15,019	15,019
European Union	6,060	5,763	5,551	5,379	5,300	5,300
Other Europe	4,081	4,663	3,533	4,799	3,755	3,755
Former Soviet Union - 12	7,901	7,843	8,030	9,212	9,085	9,110
Middle East	25,411	24,550	30,908	26,416	31,980	34,480
North Africa	27,441	26,956	27,991	28,246	27,800	28,300
Sub-Saharan Africa	25,311	22,572	26,953	26,626	26,660	26,910
East Asia	16,533	15,011	17,270	22,206	22,000	22,200
South Asia	12,137	10,059	11,305	15,799	14,960	14,960
Southeast Asia	27,255	27,757	27,561	26,505	26,600	26,400
Others	3,476	3,367	3,949	3,473	3,505	3,505
Total	182,906	174,258	189,250	194,014	198,144	201,119
Production						
North America	81,251	86,658	88,521	87,899	68,990	68,990
South America	25,875	28,761	28,600	27,637	31,980	31,986
European Union	136,681	123,124	138,741	126,012	139,400	138,400
Other Europe	18,812	18,129	19,891	14,169	20,100	19,340
Former Soviet Union - 12	142,356	124,020	129,873	139,540	131,720	133,075
Middle East	40,285	38,879	43,246	43,177	38,292	38,042
North Africa	19,245	21,002	18,399	16,603	21,590	21,590
Sub-Saharan Africa	7,407	8,284	8,427	9,113	9,095	9,154
East Asia	135,552	132,834	135,199	135,744	138,502	138,499
South Asia	132,595	131,655	136,335	141,207	144,151	144,151
Oceania	21,346	17,969	14,878	33,454	31,950	31,950
Others	136	96	101	101	100	100
Total	761,541	731,411	762,211	774,656	775,870	775,277
Domestic Consumption						
North America	45,974	46,631	47,099	46,806	46,897	46,952
South America	28,948	28,895	29,635	29,895	30,530	30,530
European Union	113,500	106,300	107,700	104,250	108,500	107,500
Other Europe	21,418	20,697	20,476	18,780	21,200	20,715
Former Soviet Union - 12	81,385	77,135	76,015	79,029	77,820	77,670
Middle East	59,505	59,939	63,000	64,342	64,975	66,125
North Africa	45,225	46,100	46,250	46,820	47,700	47,800
Sub-Saharan Africa	31,887	30,321	33,076	34,533	34,987	35,085
East Asia	134,285	137,750	138,638	162,468	161,696	161,896
South Asia	138,550	138,996	139,878	148,135	151,876	151,876
Southeast Asia	26,395	26,165	26,355	25,830	25,825	25,695
Oceania	9,905	10,610	9,410	9,435	9,455	9,455
Others	3,821	3,614	3,704	3,818	4,010	4,010
Total	740,798	733,153	741,236	774,141	785,471	785,309
Ending Stocks						
North America	37,407	36,030	33,869	28,954	20,635	20,717
South America	4,010	4,673	5,240	5,106	6,031	5,767
European Union	17,897	15,798	12,624	10,035	10,718	9,735
Other Europe	3,085	3,225	3,855	2,517	3,376	3,067
Former Soviet Union - 12	21,035	14,753	13,426	19,216	15,874	15,781
Middle East	17,955	13,893	16,998	15,173	13,377	14,607
North Africa	14,871	15,537	14,357	11,835	12,520	12,920
Sub-Saharan Africa	3,391	2,925	4,114	4,293	3,962	4,061
East Asia	132,655	141,028	153,011	146,913	143,889	143,896
South Asia	21,313	21,466	28,203	33,903	36,408	35,408
Southeast Asia	5,679	6,186	6,240	5,729	5,314	5,274
Oceania	4,897	4,769	3,029	3,686	4,416	3,916
Others	397	408	538	590	655	655
Total	284,592	280,691	295,504	287,950	277,175	275,804

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Argentina	375	388	335	360	350	350
Australia	262	134	42	60	260	260
Brazil	1,245	954	1,240	800	1,050	1,050
Burma	2,750	2,700	2,300	1,650	2,000	1,800
Cambodia	1,300	1,350	1,350	1,700	1,400	1,400
China	2,059	2,720	2,265	2,300	2,400	2,100
European Union	570	527	506	450	550	475
Guyana	414	496	520	470	470	470
India	11,791	9,813	14,577	20,000	17,500	18,000
Pakistan	3,913	4,550	3,934	3,900	4,000	4,000
Paraguay	653	689	803	600	700	700
Thailand	11,213	7,562	5,706	5,600	6,500	6,500
Turkey	213	202	234	215	230	220
Uruguay	802	809	967	760	800	850
Vietnam	6,590	6,581	6,167	6,200	6,400	6,400
Others	1,371	1,307	1,430	1,330	1,264	1,274
Subtotal	45,521	40,782	42,376	46,395	45,874	45,849
United States	2,776	3,142	2,858	2,950	2,875	2,850
World Total	48,297	43,924	45,234	49,345	48,749	48,699
TY Imports						
Bangladesh	1,400	80	20	2,500	600	600
Brazil	537	691	853	730	650	650
China	4,500	2,800	3,200	4,500	4,000	4,500
Cote d'Ivoire	1,500	1,350	1,100	1,250	1,250	1,300
Egypt	230	665	309	400	800	800
Ethiopia	600	520	700	750	850	850
European Union	1,633	1,799	1,994	1,800	2,000	1,925
Ghana	830	900	850	950	950	950
Guinea	865	530	670	750	725	750
Iran	1,250	1,400	1,125	950	1,300	1,250
Iraq	1,237	1,263	970	1,150	1,200	1,200
Japan	670	678	676	685	685	685
Kenya	600	610	600	590	650	650
Madagascar	390	440	450	525	700	700
Malaysia	800	1,000	1,220	1,100	1,100	1,100
Mexico	776	740	843	750	800	800
Mozambique	530	635	655	625	675	675
Nepal	700	620	980	1,250	1,350	1,350
Nigeria	2,100	1,800	1,800	1,900	2,000	2,000
Philippines	2,500	2,900	2,450	2,300	2,200	2,200
Saudi Arabia	1,290	1,425	1,613	1,500	1,400	1,400
Senegal	1,100	1,000	1,050	1,150	1,100	1,100
South Africa	1,071	966	1,031	1,050	1,000	1,000
United Arab Emirates	775	850	850	750	900	900
United Kingdom	536	587	654	640	650	650
Others	16,931	15,086	15,871	16,548	15,778	15,738
Subtotal	45,351	41,335	42,534	47,093	45,313	45,723
Unaccounted	2,030	1,607	1,490	1,127	2,261	1,826
United States	916	982	1,210	1,125	1,175	1,150
World Total	48,297	43,924	45,234	49,345	48,749	48,699

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

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Milled Production						
Bangladesh	32,650	34,909	35,850	34,600	36,250	36,250
Brazil	8,204	7,140	7,602	8,001	8,024	8,024
Burma	13,200	13,200	12,650	12,600	12,600	12,600
Cambodia	5,554	5,742	5,740	5,783	5,900	5,900
China	148,873	148,490	146,730	148,300	149,000	149,000
India	112,760	116,480	118,870	122,270	125,000	125,000
Indonesia	37,000	34,200	34,700	35,300	35,350	35,350
Japan	7,787	7,657	7,611	7,573	7,560	7,560
Korea, South	3,972	3,868	3,744	3,507	3,816	3,816
Nepal	3,431	3,736	3,696	3,696	3,700	3,700
Nigeria	4,470	4,538	5,040	4,890	5,000	5,000
Pakistan	7,450	7,202	7,414	8,184	8,200	8,200
Philippines	12,235	11,732	11,927	12,416	12,300	12,300
Thailand	20,577	20,340	17,655	18,863	19,500	19,500
Vietnam	27,657	27,344	27,100	27,438	27,100	27,100
Others	43,511	44,116	46,704	46,653	45,345	46,266
Subtotal	489,331	490,694	493,033	500,074	504,645	505,566
United States	5,659	7,107	5,877	7,226	6,050	6,154
World Total	494,990	497,801	498,910	507,300	510,695	511,720
Consumption and Residual						
Bangladesh	35,200	35,400	35,700	36,100	36,600	36,700
Brazil	7,650	7,350	7,300	7,450	7,450	7,450
Burma	10,200	10,250	10,400	10,600	10,650	10,700
Cambodia	4,200	4,300	4,350	4,400	4,500	4,500
China	142,509	142,920	145,230	150,578	155,100	154,900
Egypt	4,200	4,200	4,300	4,300	4,250	4,250
India	98,669	99,160	101,950	100,005	105,000	103,500
Indonesia	37,000	36,300	36,000	35,800	35,600	35,600
Japan	8,600	8,400	8,350	8,250	8,200	8,200
Korea, South	4,746	4,572	4,100	4,000	3,950	3,950
Nepal	4,101	4,376	4,506	4,896	5,000	5,000
Nigeria	6,750	6,800	6,850	6,900	6,950	6,950
Philippines	13,250	14,100	14,300	14,450	14,550	14,550
Thailand	11,000	11,800	12,300	12,700	13,000	13,000
Vietnam	21,500	21,200	21,250	21,500	21,300	21,350
Others	67,297	69,227	71,185	72,041	72,646	73,679
Subtotal	477,379	480,352	489,159	496,739	507,673	506,582
United States	4,299	4,577	4,586	4,849	4,636	4,683
World Total	481,678	484,929	493,745	501,588	512,309	511,265
Ending Stocks						
Bangladesh	1,500	1,405	1,571	1,467	2,283	2,213
China	109,000	115,000	116,500	116,500	112,000	113,000
India	22,600	29,500	33,900	36,000	35,000	38,500
Indonesia	5,563	4,063	3,313	3,411	3,762	3,761
Philippines	2,288	3,520	3,597	3,763	3,713	3,713
Thailand	2,852	4,080	3,979	4,742	4,942	4,942
Vietnam	1,034	1,097	1,180	2,568	2,168	2,418
Others	17,967	16,520	16,824	17,648	18,705	18,283
Subtotal	162,804	175,185	180,864	186,099	182,573	186,830
United States	933	1,424	910	1,387	1,055	1,111
World Total	163,737	176,609	181,774	187,486	183,628	187,941

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	2,075	2,143	2,530	2,305	2,420	2,395
Caribbean	1,067	1,076	1,211	1,120	1,165	1,165
South America	1,947	1,939	2,222	1,836	1,817	1,747
Other Europe	647	707	777	760	775	775
Former Soviet Union - 12	555	550	516	548	499	509
Middle East	6,655	7,208	6,957	6,555	7,135	7,105
North Africa	591	1,022	579	735	1,105	1,105
Sub-Saharan Africa	14,589	13,837	14,346	15,005	15,590	15,665
East Asia	6,141	4,404	4,805	6,230	5,695	6,195
South Asia	2,644	951	1,350	4,097	2,295	2,295
Southeast Asia	6,795	5,815	5,399	6,317	5,057	5,057
European Union	1,633	1,799	1,994	1,800	2,000	1,925
Total	46,267	42,317	43,744	48,218	46,488	46,873
Production						
North America	5,842	7,295	6,052	7,425	6,274	6,378
Caribbean	932	1,010	927	904	916	916
South America	16,945	16,037	16,361	16,958	17,052	17,035
European Union	2,030	1,965	1,985	1,953	1,894	1,894
Former Soviet Union - 12	1,236	1,283	1,349	1,386	1,295	1,295
Middle East	2,658	2,616	2,950	2,896	2,741	2,691
North Africa	4,340	2,844	4,345	4,042	2,945	2,945
Sub-Saharan Africa	17,614	19,490	20,466	20,119	19,848	20,836
East Asia	163,420	162,732	161,159	162,004	162,961	162,961
South Asia	158,759	165,688	169,414	172,483	176,958	176,958
Southeast Asia	120,044	116,064	113,198	116,101	116,501	116,501
Total	494,990	497,801	498,910	507,300	510,695	511,720
Domestic Consumption						
North America	5,577	5,912	5,981	6,224	6,036	6,083
Central America	1,342	1,358	1,400	1,346	1,395	1,395
Caribbean	1,984	2,111	1,991	2,006	2,046	2,046
South America	15,045	14,885	14,869	15,081	15,200	15,190
European Union	3,121	3,246	3,394	3,400	3,450	3,440
Former Soviet Union - 12	1,603	1,587	1,595	1,651	1,606	1,606
Middle East	9,018	9,207	9,426	9,250	9,560	9,440
North Africa	4,620	4,591	4,604	4,677	4,600	4,600
Sub-Saharan Africa	31,759	33,607	34,271	35,068	34,860	36,033
East Asia	159,061	158,933	161,013	165,906	170,310	170,110
South Asia	144,670	145,523	149,294	148,514	154,410	153,010
Southeast Asia	102,274	102,952	103,718	104,591	104,771	104,871
Total	481,171	484,932	492,657	498,819	509,382	508,962
Ending Stocks						
North America	1,084	1,578	1,085	1,586	1,309	1,354
Central America	299	281	281	227	279	279
Caribbean	275	303	327	329	354	354
South America	2,166	1,867	1,551	2,093	2,202	2,060
European Union	1,176	1,189	1,255	1,154	1,032	1,058
Middle East	1,004	1,183	1,732	1,602	1,849	1,738
North Africa	1,563	949	1,232	1,277	822	822
Sub-Saharan Africa	3,192	2,991	2,408	2,105	2,190	2,203
East Asia	113,196	118,766	120,224	119,995	115,660	116,666
South Asia	25,847	32,420	37,357	40,246	40,658	44,030
Southeast Asia	13,557	14,880	14,112	16,527	16,880	16,984
Oceania	232	52	15	115	201	201
Total	163,737	176,609	181,774	187,486	183,628	187,941

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Argentina	27,208	36,134	42,946	40,977	45,605	46,605
Australia	7,156	4,049	3,632	9,703	9,175	9,375
Brazil	25,121	38,812	34,141	27,504	31,025	29,025
Canada	5,753	5,805	5,278	7,190	3,850	3,850
European Union	8,885	10,412	13,492	12,239	11,745	12,045
India	1,200	537	1,158	3,805	2,560	2,560
Paraguay	1,485	2,568	2,089	2,564	2,710	2,710
Russia	11,379	7,402	9,292	9,510	9,150	9,150
South Africa	2,368	1,190	2,465	2,756	3,210	3,210
Ukraine	21,438	34,874	34,088	28,945	37,625	37,625
Others	11,389	13,426	13,350	12,360	10,818	10,968
Subtotal	123,382	155,209	161,931	157,553	167,473	167,123
United States	68,633	51,838	52,589	76,014	71,510	71,510
World Total	192,015	207,047	214,520	233,567	238,983	238,633
TY Imports						
Algeria	4,492	5,284	5,672	4,996	5,510	5,510
Bangladesh	1,145	1,385	2,010	2,560	2,510	2,510
Brazil	1,527	1,797	1,987	2,679	3,200	3,200
Canada	1,837	2,570	1,972	1,869	3,112	3,112
Chile	1,976	2,431	2,838	2,557	2,840	2,840
China	16,425	10,540	17,480	50,531	45,700	46,400
Colombia	5,582	6,390	6,285	6,221	6,580	6,480
Egypt	9,541	9,568	10,444	9,620	10,020	10,020
European Union	19,311	26,290	18,675	15,930	16,385	16,385
Guatemala	1,091	1,224	1,527	1,400	1,700	1,700
Iran	11,600	12,200	9,100	9,600	8,200	8,500
Israel	2,145	1,896	2,397	2,360	2,410	2,410
Japan	17,563	17,726	17,633	16,979	17,240	17,240
Jordan	1,422	1,666	1,506	1,429	1,800	1,800
Korea, South	10,192	10,964	11,978	11,810	11,610	11,610
Malaysia	3,668	3,690	3,806	3,877	4,025	3,925
Mexico	16,396	17,415	17,576	17,318	17,550	17,550
Morocco	2,647	3,028	4,052	3,209	3,107	3,107
Peru	3,462	3,875	4,090	3,975	4,285	4,180
Saudi Arabia	11,692	9,368	11,825	9,227	10,510	10,010
Taiwan	4,513	4,610	4,660	4,580	4,585	4,585
Thailand	847	1,406	2,287	2,889	2,800	3,000
Turkey	4,184	4,044	4,011	3,428	5,400	5,100
United Kingdom	2,622	3,081	2,672	3,013	2,526	2,526
Vietnam	9,577	11,033	12,198	11,950	12,300	12,300
Others	22,351	23,224	24,714	24,696	24,782	24,372
Subtotal	187,808	196,705	203,395	228,703	230,687	230,372
Unaccounted	1,281	7,717	8,133	2,334	6,145	6,110
United States	2,926	2,625	2,992	2,530	2,151	2,151
World Total	192,015	207,047	214,520	233,567	238,983	238,633

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Production						
Argentina	39,320	59,223	58,125	58,967	62,376	63,876
Australia	12,191	11,507	11,901	16,597	15,702	15,702
Brazil	85,058	104,334	105,815	89,962	122,023	122,023
Canada	26,243	26,203	28,611	29,644	23,950	23,950
China	265,719	263,942	268,179	268,020	280,400	280,400
Ethiopia	18,643	17,929	18,406	18,616	17,250	17,650
European Union	143,907	140,675	152,732	153,925	154,150	155,300
India	46,943	43,212	47,660	51,210	47,570	47,570
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
Mexico	33,191	33,470	32,095	32,662	33,750	33,750
Nigeria	18,859	19,840	19,665	18,570	19,800	20,400
Russia	41,715	34,998	40,495	41,396	38,700	38,400
South Africa	13,552	12,417	16,367	17,758	17,613	17,603
Turkey	12,271	13,251	14,451	15,761	11,931	11,581
Ukraine	34,071	44,503	46,545	39,585	49,815	49,585
Others	174,726	186,245	183,815	193,088	190,078	191,268
Subtotal	978,309	1,023,749	1,056,862	1,057,561	1,097,108	1,101,058
United States	384,387	377,905	359,434	372,887	396,853	397,948
World Total	1,362,696	1,401,654	1,416,296	1,430,448	1,493,961	1,499,006
Domestic Consumption						
Argentina	17,513	18,091	17,775	17,562	18,121	18,121
Brazil	67,181	70,983	72,844	76,455	77,526	77,526
Canada	23,126	24,114	24,931	24,681	24,330	24,330
China	282,598	287,012	295,070	312,300	321,700	322,600
Egypt	16,779	17,136	17,964	17,265	17,278	17,278
Ethiopia	18,556	18,161	18,451	18,878	17,375	17,875
European Union	152,900	158,474	158,628	159,588	158,201	159,001
India	44,769	44,571	45,775	47,450	46,470	46,470
Japan	17,642	17,953	17,867	17,200	17,771	17,771
Mexico	48,410	50,505	50,310	49,735	50,340	50,340
Nigeria	19,550	20,069	19,900	18,900	20,050	20,250
Russia	31,015	27,367	31,387	31,142	30,250	29,950
South Africa	12,779	13,114	12,832	13,662	14,053	14,053
Turkey	15,361	16,651	17,761	18,051	18,121	17,871
Vietnam	13,777	14,333	14,750	17,200	16,450	16,450
Others	274,777	284,518	288,369	299,304	298,904	298,979
Subtotal	1,052,399	1,099,865	1,110,286	1,130,453	1,165,608	1,168,893
United States	324,417	322,984	320,728	315,649	320,401	321,670
World Total	1,376,816	1,422,849	1,431,014	1,446,102	1,486,009	1,490,563
Ending Stocks						
Argentina	3,366	3,622	4,676	2,686	3,636	3,641
Brazil	9,707	5,671	5,723	5,718	8,890	9,390
Canada	4,563	3,288	3,982	3,620	2,502	2,502
China	222,994	210,396	200,944	207,187	209,794	211,337
European Union	16,235	14,507	14,384	13,396	14,074	14,060
Mexico	6,181	5,784	4,138	3,493	3,756	3,752
South Africa	2,909	1,346	2,439	3,376	3,754	3,756
Others	48,989	46,583	48,834	47,756	40,372	40,746
Subtotal	314,944	291,197	285,120	287,232	286,778	289,184
United States	57,919	60,471	51,830	34,064	40,729	40,555
World Total	372,863	351,668	336,950	321,296	327,507	329,739

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	21,159	22,610	22,540	21,717	22,813	22,813
Central America	4,001	4,352	4,904	4,926	5,300	5,300
Caribbean	2,446	2,379	2,275	2,396	2,633	2,623
South America	14,810	15,686	16,990	17,051	18,635	18,430
European Union	19,311	26,290	18,675	15,930	16,385	16,385
Former Soviet Union - 12	701	1,025	1,134	795	1,009	1,029
Middle East	35,950	34,061	34,003	31,886	33,411	32,911
North Africa	19,245	20,875	23,565	21,175	21,737	21,737
Sub-Saharan Africa	3,287	3,494	3,857	3,686	3,568	3,148
East Asia	48,740	43,903	51,810	83,950	79,185	79,885
Southeast Asia	15,552	17,874	19,960	20,303	20,965	21,065
Others	5,532	6,781	6,674	7,418	7,197	7,197
Total	190,734	199,330	206,387	231,233	232,838	232,523
Production						
North America	443,821	437,578	420,140	435,193	454,553	455,648
South America	139,324	179,181	178,560	162,821	199,851	201,391
European Union	143,907	140,675	152,732	153,925	154,150	155,300
Other Europe	15,514	18,627	20,759	21,692	18,493	18,493
Former Soviet Union - 12	88,881	93,534	101,489	95,068	101,751	100,986
Middle East	19,357	19,435	24,127	25,295	19,935	19,585
North Africa	11,463	13,190	11,593	10,579	12,669	12,669
Sub-Saharan Africa	119,324	122,845	121,436	130,025	128,867	131,447
East Asia	268,365	267,282	271,316	270,746	283,247	283,247
South Asia	60,202	57,708	63,353	68,202	64,777	64,777
Southeast Asia	34,841	34,883	33,642	35,187	34,720	34,520
Oceania	12,700	12,103	12,508	17,149	16,313	16,313
Others	4,997	4,613	4,641	4,566	4,635	4,630
Total	1,362,696	1,401,654	1,416,296	1,430,448	1,493,961	1,499,006
Domestic Consumption						
North America	395,953	397,603	395,969	390,065	395,071	396,340
South America	110,739	115,543	117,723	121,041	123,694	123,479
European Union	152,900	158,474	158,628	159,588	158,201	159,001
Other Europe	17,281	18,148	18,589	20,832	18,687	18,682
Former Soviet Union - 12	54,607	51,042	56,376	56,953	55,063	54,458
Middle East	54,733	54,897	56,220	56,229	54,927	54,727
North Africa	31,665	32,563	35,509	33,177	34,235	34,235
Sub-Saharan Africa	120,282	125,355	122,393	127,880	127,733	129,293
East Asia	317,259	323,594	332,368	348,679	358,664	359,564
South Asia	60,446	60,954	63,054	67,282	66,981	66,981
Southeast Asia	47,320	48,199	48,301	53,410	53,663	53,363
Oceania	6,482	8,138	8,328	7,920	8,091	8,091
Others	11,483	11,526	11,884	11,966	12,331	12,321
Total	1,381,150	1,406,036	1,425,342	1,455,022	1,467,341	1,470,535
Ending Stocks						
North America	68,663	69,543	59,950	41,177	46,987	46,809
South America	16,767	12,877	13,737	11,107	14,939	15,559
European Union	16,235	14,507	14,384	13,396	14,074	14,060
Other Europe	2,359	2,827	3,005	2,752	2,366	2,379
Former Soviet Union - 12	5,943	4,977	6,398	5,589	4,803	4,702
Middle East	7,199	5,566	6,520	6,204	4,775	4,833
North Africa	3,324	3,777	3,846	3,125	3,295	3,291
Sub-Saharan Africa	12,825	11,016	10,162	11,737	11,650	12,396
East Asia	227,462	214,978	205,695	211,704	213,804	215,222
South Asia	5,142	3,774	5,045	5,449	4,465	4,435
Southeast Asia	3,241	4,146	4,271	5,816	3,547	3,591
Oceania	2,391	2,516	2,978	2,371	1,626	1,376
Others	1,312	1,164	959	869	1,176	1,086
Total	372,863	351,668	336,950	321,296	327,507	329,739

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Argentina	24,198	32,879	39,917	36,544	39,500	40,500
Brazil	25,116	38,773	34,137	27,492	31,000	29,000
Burma	1,350	1,500	2,209	1,850	1,600	1,800
European Union	2,732	4,273	5,388	3,600	4,100	4,400
India	1,076	482	1,125	3,750	2,500	2,500
Paraguay	1,476	2,559	2,081	2,563	2,700	2,700
Russia	5,532	2,770	4,072	3,900	4,500	4,500
Serbia	819	2,836	3,123	3,300	2,000	2,000
South Africa	2,361	1,183	2,456	2,751	3,200	3,200
Ukraine	18,036	30,321	28,929	23,800	31,500	31,500
Others	8,018	6,764	5,278	5,512	5,301	5,251
Subtotal	90,714	124,340	128,715	115,062	127,901	127,351
United States	63,657	49,297	46,992	68,558	63,000	63,000
World Total	154,371	173,637	175,707	183,620	190,901	190,351
TY Imports						
Algeria	4,046	4,816	5,156	4,186	4,800	4,800
Bangladesh	1,145	1,358	2,003	2,550	2,500	2,500
Brazil	943	1,189	1,338	2,281	2,700	2,700
Canada	1,767	2,521	1,867	1,548	3,000	3,000
Chile	1,893	2,292	2,751	2,333	2,700	2,700
China	3,456	4,483	7,580	29,512	26,000	26,000
Colombia	5,201	6,048	5,976	5,900	6,200	6,100
Dominican Republic	1,329	1,536	1,354	1,436	1,400	1,400
Egypt	9,464	9,367	10,432	9,600	10,000	10,000
European Union	17,667	23,583	17,384	14,600	15,000	15,000
Guatemala	1,091	1,224	1,527	1,400	1,700	1,700
Iran	8,900	9,000	6,800	6,900	6,000	6,300
Israel	1,861	1,611	1,992	1,850	2,000	2,000
Japan	15,668	16,050	15,888	15,479	15,600	15,600
Korea, South	10,018	10,856	11,882	11,714	11,500	11,500
Malaysia	3,645	3,674	3,777	3,850	4,000	3,900
Mexico	16,129	16,658	16,526	16,498	17,000	17,000
Morocco	2,283	2,728	2,963	2,700	2,800	2,800
Peru	3,377	3,726	3,938	3,800	4,100	4,000
Saudi Arabia	3,983	3,662	4,517	3,017	3,500	3,500
Taiwan	4,410	4,508	4,580	4,500	4,500	4,500
Thailand	700	1,200	1,602	1,846	1,600	1,800
Turkey	3,410	3,669	3,004	1,794	3,600	3,300
United Kingdom	2,470	2,949	2,528	2,850	2,400	2,400
Vietnam	9,400	10,900	12,000	11,200	11,500	11,500
Others	17,374	17,569	19,456	18,650	19,581	19,156
Subtotal	151,630	167,177	168,821	181,994	185,681	185,156
Unaccounted	1,903	5,660	5,927	997	4,570	4,545
United States	838	800	959	629	650	650
World Total	154,371	173,637	175,707	183,620	190,901	190,351

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Production						
Argentina	32,000	51,000	51,000	50,500	53,000	54,500
Brazil	82,000	101,000	102,000	86,000	118,000	118,000
Canada	14,096	13,885	13,404	13,563	14,000	14,000
China	259,071	257,174	260,779	260,670	273,000	273,000
Ethiopia	10,488	10,120	9,636	10,557	8,600	9,000
European Union	62,021	64,351	66,735	64,410	66,300	67,850
India	28,753	27,715	28,766	31,510	30,000	30,000
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
Mexico	27,569	27,671	26,658	27,346	28,000	28,000
Nigeria	10,420	11,000	11,000	10,000	11,000	11,600
Pakistan	5,902	6,826	7,236	7,800	7,600	7,600
Philippines	7,980	7,608	8,030	8,352	8,000	7,800
Russia	13,201	11,415	14,275	13,872	15,000	15,000
South Africa	13,104	11,824	15,844	16,900	17,000	17,000
Ukraine	24,115	35,805	35,887	30,297	38,000	38,000
Others	107,944	114,007	110,465	116,992	117,226	118,681
Subtotal	710,564	763,401	773,715	760,569	816,726	822,031
United States	371,096	364,262	345,962	358,447	381,489	382,592
World Total	1,081,660	1,127,663	1,119,677	1,119,016	1,198,215	1,204,623
Total Consumption						
Argentina	12,400	13,800	13,500	14,000	14,500	14,500
Brazil	63,500	67,000	68,500	72,000	73,000	73,000
Canada	13,909	15,088	13,959	14,000	16,200	16,200
China	263,000	274,000	278,000	285,000	294,000	294,000
Egypt	15,900	16,200	16,900	16,400	16,400	16,400
European Union	75,200	85,000	78,800	76,100	76,800	78,000
India	26,700	28,500	27,200	27,750	28,600	28,600
Indonesia	12,400	12,900	12,600	12,800	13,300	13,300
Japan	15,600	16,000	15,950	15,400	15,850	15,850
Korea, South	10,000	10,947	11,795	11,800	11,800	11,800
Mexico	42,500	44,100	43,800	43,700	44,200	44,200
Nigeria	11,100	11,300	11,250	10,350	11,400	11,600
Russia	8,300	8,500	9,800	10,100	10,900	10,900
South Africa	12,230	12,536	12,200	13,000	13,300	13,300
Vietnam	13,600	14,200	14,550	16,450	15,650	15,650
Others	185,163	190,284	192,641	199,327	200,570	201,525
Subtotal	778,182	836,309	826,021	827,137	874,533	878,878
United States	313,991	310,391	309,547	306,492	311,927	313,196
World Total	1,092,173	1,146,700	1,135,568	1,133,629	1,186,460	1,192,074
Ending Stocks						
Argentina	2,407	2,367	3,619	1,624	2,629	2,629
Brazil	9,315	5,311	5,230	5,230	8,430	8,930
Canada	2,417	1,979	2,559	2,180	1,980	1,980
China	222,541	210,179	200,526	205,704	209,166	210,684
European Union	8,983	7,644	7,575	6,885	7,288	7,335
Mexico	5,649	5,160	3,515	2,959	3,065	3,059
South Africa	2,672	1,020	2,117	2,827	3,327	3,327
Others	33,058	32,302	32,583	33,051	27,755	28,537
Subtotal	287,042	265,962	257,724	260,460	263,640	266,481
United States	54,367	56,410	48,757	31,408	38,102	37,936
World Total	341,409	322,372	306,481	291,868	301,742	304,417

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	18,734	19,979	19,352	18,675	20,650	20,650
Central America	4,001	4,352	4,904	4,926	5,300	5,300
South America	13,542	14,349	15,688	15,861	17,360	17,160
European Union	17,667	23,583	17,384	14,600	15,000	15,000
Former Soviet Union - 12	440	588	564	328	650	655
Middle East	22,130	22,038	21,005	18,177	19,510	19,510
North Africa	17,246	18,531	20,306	18,136	19,300	19,300
Sub-Saharan Africa	2,480	2,793	3,110	2,952	2,760	2,340
East Asia	33,599	35,960	39,989	61,255	57,650	57,650
Southeast Asia	15,183	17,483	19,007	18,453	18,915	19,015
Caribbean	2,446	2,377	2,275	2,393	2,630	2,620
Others	5,000	5,944	6,196	6,867	6,606	6,606
Total	152,468	167,977	169,780	182,623	186,331	185,806
Production						
North America	412,761	405,818	386,024	399,356	423,489	424,592
South America	126,174	164,763	164,713	147,124	183,015	184,635
European Union	62,021	64,351	66,735	64,410	66,300	67,850
Other Europe	5,397	9,411	9,455	10,276	7,880	7,880
Former Soviet Union - 12	42,257	53,119	56,077	49,347	59,105	59,105
Middle East	6,966	7,319	7,945	9,060	8,319	8,469
North Africa	6,523	6,919	6,441	6,521	6,521	6,521
Sub-Saharan Africa	77,434	75,246	77,381	82,862	82,607	84,797
East Asia	261,417	260,184	263,488	263,026	275,460	275,460
South Asia	40,972	41,202	43,318	47,343	46,083	46,083
Central America	3,877	3,441	3,516	3,465	3,611	3,606
Southeast Asia	34,551	34,593	33,352	34,897	34,430	34,230
Others	1,310	1,297	1,232	1,329	1,395	1,395
Total	1,081,660	1,127,663	1,119,677	1,119,016	1,198,215	1,204,623
Domestic Consumption						
North America	370,400	369,579	367,306	364,192	372,327	373,596
South America	98,398	103,926	105,602	109,223	111,600	111,470
European Union	75,200	85,000	78,800	76,100	76,800	78,000
Other Europe	8,002	9,433	9,286	10,206	9,235	9,230
Former Soviet Union - 12	19,202	20,312	21,965	22,655	23,175	23,180
Middle East	27,919	28,778	28,114	26,990	28,035	28,285
North Africa	24,400	24,600	27,190	25,950	25,800	25,800
Sub-Saharan Africa	77,131	77,690	77,240	80,144	80,665	82,010
East Asia	295,227	308,273	313,004	319,250	328,700	328,700
South Asia	41,206	43,799	43,314	46,400	47,960	47,960
Southeast Asia	46,667	47,519	47,066	51,267	51,325	51,025
Central America	7,830	7,990	8,370	8,470	8,660	8,660
Others	3,911	3,847	3,735	3,822	4,115	4,105
Total	1,095,493	1,130,746	1,130,992	1,144,669	1,168,397	1,172,021
Ending Stocks						
North America	62,433	63,549	54,831	36,547	43,147	42,975
South America	15,045	10,836	11,735	9,070	13,026	13,630
European Union	8,983	7,644	7,575	6,885	7,288	7,335
Other Europe	919	1,433	1,318	1,421	895	901
Former Soviet Union - 12	2,582	2,200	3,261	2,368	2,188	2,198
Middle East	3,213	2,919	3,196	3,024	2,550	2,558
North Africa	2,462	2,473	2,379	1,836	1,852	1,852
Sub-Saharan Africa	10,617	8,466	8,201	9,891	9,828	10,665
East Asia	226,591	214,436	204,897	209,924	212,903	214,314
South Asia	3,928	3,034	3,804	4,140	3,268	3,238
Southeast Asia	3,230	4,135	4,262	5,807	3,538	3,582
Central America	1,052	903	797	707	1,018	938
Others	354	344	225	248	241	231
Total	341,409	322,372	306,481	291,868	301,742	304,417

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Argentina	2,537	3,001	2,598	2,458	3,500	3,500
Australia	6,088	3,666	3,231	8,007	8,000	8,000
Canada	1,868	2,269	2,520	3,520	1,600	1,600
European Union	5,894	5,809	7,579	8,350	7,300	7,300
Kazakhstan	1,411	1,762	1,292	1,050	800	800
Russia	5,661	4,320	5,141	5,400	4,500	4,500
Syria	0	0	250	140	150	150
Ukraine	3,188	4,407	4,990	5,000	6,000	6,000
United Kingdom	896	1,538	1,404	1,300	1,100	1,100
Uruguay	12	62	41	187	225	225
Others	343	246	144	312	242	242
Subtotal	27,898	27,080	29,190	35,724	33,417	33,417
United States	102	101	155	350	175	175
World Total	28,000	27,181	29,345	36,074	33,592	33,592
TY Imports						
Algeria	439	467	503	800	700	700
Brazil	584	608	647	398	500	500
China	8,144	5,181	5,969	12,049	9,600	10,100
Colombia	324	341	308	320	350	350
European Union	979	1,762	1,089	1,150	1,300	1,300
Iran	2,700	3,200	2,300	2,700	2,200	2,200
Israel	234	236	358	450	350	350
Japan	1,253	1,158	1,253	1,131	1,250	1,250
Jordan	788	928	564	600	800	800
Kuwait	521	474	522	507	500	500
Libya	438	888	891	800	700	700
Mexico	1	82	346	500	350	350
Morocco	363	299	1,073	500	300	300
Qatar	229	288	349	332	450	450
Saudi Arabia	7,700	5,700	7,300	6,200	7,000	6,500
Thailand	147	206	685	1,043	1,200	1,200
Tunisia	674	487	751	900	700	700
Turkey	774	375	1,007	1,634	1,800	1,800
United Arab Emirates	263	476	443	515	500	500
Vietnam	177	133	198	750	800	800
Others	1,551	1,846	1,309	2,129	1,419	1,434
Subtotal	28,283	25,135	27,865	35,408	32,769	32,784
Unaccounted	-453	1,913	1,323	530	673	658
United States	170	133	157	136	150	150
World Total	28,000	27,181	29,345	36,074	33,592	33,592

TY=Trade Year, see Endnotes.

World Barley Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Production						
Algeria	968	1,950	2,000	1,845	1,600	1,600
Argentina	3,740	5,060	3,800	4,500	4,800	4,800
Australia	9,254	8,819	10,127	13,000	12,000	12,000
Canada	7,891	8,380	10,383	10,741	7,100	7,100
Ethiopia	1,960	1,749	2,378	2,339	2,350	2,350
European Union	51,482	49,470	55,268	55,433	54,300	53,900
India	1,747	1,781	1,633	1,720	1,670	1,670
Iran	3,100	2,800	3,600	3,600	3,100	3,100
Iraq	975	780	1,600	1,550	1,300	1,300
Kazakhstan	3,305	3,971	3,830	3,659	2,500	2,500
Morocco	2,466	2,919	1,161	640	2,780	2,780
Russia	20,211	16,737	19,939	20,629	17,300	17,000
Turkey	6,400	7,000	7,900	8,100	5,000	4,500
Ukraine	8,695	7,604	9,528	7,947	10,500	10,200
United Kingdom	7,169	6,510	8,048	8,117	7,200	7,200
Others	10,682	10,097	12,983	12,938	11,926	11,681
Subtotal	140,045	135,627	154,178	156,758	145,426	143,681
United States	3,119	3,343	3,756	3,719	2,562	2,562
World Total	143,164	138,970	157,934	160,477	147,988	146,243
Total Consumption						
Algeria	1,850	2,000	2,350	2,650	2,550	2,550
Australia	3,700	5,000	6,000	5,500	5,000	5,000
Canada	6,805	6,508	8,108	7,756	6,100	6,100
China	9,300	6,200	6,700	12,100	11,100	11,800
Ethiopia	2,225	1,825	2,325	2,375	2,375	2,375
European Union	46,900	45,600	49,500	49,550	48,300	47,900
India	1,950	1,900	1,850	1,900	1,820	1,820
Iran	6,000	6,200	6,400	6,400	5,500	5,500
Kazakhstan	2,150	2,150	2,400	2,550	2,100	2,100
Morocco	2,800	2,900	2,500	1,160	2,700	2,700
Russia	14,500	12,200	15,400	14,400	13,100	12,800
Saudi Arabia	8,525	7,025	7,025	7,025	7,025	6,525
Turkey	6,700	7,500	8,500	8,990	7,500	7,400
Ukraine	4,500	4,200	4,500	4,000	4,400	4,200
United Kingdom	6,201	5,666	5,989	7,273	6,045	6,045
Others	18,896	19,236	21,944	23,673	23,303	23,278
Subtotal	142,008	136,849	151,672	158,136	149,053	147,593
United States	3,466	3,537	3,922	3,753	2,722	2,722
World Total	145,474	140,386	155,594	161,889	151,775	150,315
Ending Stocks						
Algeria	517	790	998	993	743	743
Argentina	388	723	718	823	718	723
Australia	1,776	1,908	2,711	1,911	911	911
European Union	5,592	5,457	5,295	5,013	5,074	5,013
Saudi Arabia	1,841	1,327	1,016	1,002	988	988
Ukraine	1,149	1,008	1,053	909	1,019	919
United Kingdom	1,076	1,091	1,357	992	1,127	1,127
Others	7,064	5,856	7,489	7,774	5,071	5,168
Subtotal	19,403	18,160	20,637	19,417	15,651	15,592
United States	2,057	1,884	1,747	1,555	1,308	1,308
World Total	21,460	20,044	22,384	20,972	16,959	16,900

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	227	253	589	937	600	600
South America	1,082	1,179	1,168	902	1,030	1,030
European Union	979	1,762	1,089	1,150	1,300	1,300
Other Europe	183	252	175	199	163	163
Former Soviet Union - 12	229	395	464	448	351	366
Middle East	13,758	11,967	12,942	13,638	13,830	13,330
North Africa	1,990	2,342	3,225	3,020	2,420	2,420
Sub-Saharan Africa	49	28	67	25	30	30
East Asia	9,499	6,441	7,324	13,272	10,960	11,460
South Asia	114	296	89	120	225	225
Oceania	19	14	7	40	10	10
Total	28,453	25,268	28,022	35,544	32,919	32,934
Production						
North America	12,015	12,719	15,149	15,365	10,622	10,622
South America	4,862	6,551	5,326	6,206	6,514	6,514
European Union	51,482	49,470	55,268	55,433	54,300	53,900
Other Europe	8,508	7,762	9,433	9,605	8,722	8,722
Former Soviet Union - 12	35,563	31,225	36,538	35,673	33,495	32,660
Middle East	11,352	11,069	15,194	15,240	10,593	10,093
North Africa	4,041	5,387	4,281	3,158	5,238	5,238
Sub-Saharan Africa	2,465	2,369	2,929	3,127	2,845	2,835
East Asia	1,381	1,283	1,324	1,266	1,283	1,283
South Asia	1,943	1,936	1,981	2,066	1,976	1,976
Oceania	9,552	9,199	10,511	13,338	12,400	12,400
Total	143,164	138,970	157,934	160,477	147,988	146,243
Domestic Consumption						
North America	11,281	11,095	13,330	12,809	10,122	10,122
South America	3,780	4,016	4,098	4,157	3,959	3,959
European Union	46,900	45,600	49,500	49,550	48,300	47,900
Other Europe	7,575	7,032	7,378	8,752	7,539	7,539
Former Soviet Union - 12	24,589	21,784	25,783	24,648	22,986	22,311
Middle East	25,727	25,012	27,056	28,173	25,808	25,358
North Africa	6,359	7,076	7,419	6,305	7,508	7,508
Sub-Saharan Africa	2,755	2,360	2,913	2,962	2,980	2,980
East Asia	10,914	7,845	8,440	13,762	12,885	13,585
South Asia	2,214	2,103	2,221	2,264	2,153	2,153
Oceania	4,050	5,385	6,390	5,880	5,400	5,400
Total	146,468	139,647	155,413	161,055	151,640	150,815
Ending Stocks						
North America	3,716	3,109	3,166	2,676	1,939	1,939
South America	705	1,157	1,131	1,172	1,027	1,032
European Union	5,592	5,457	5,295	5,013	5,074	5,013
Other Europe	1,238	1,227	1,529	1,137	1,274	1,279
Former Soviet Union - 12	2,569	2,311	2,580	2,571	2,039	1,923
Middle East	3,956	2,617	3,304	3,160	2,195	2,245
North Africa	806	1,249	1,420	1,245	1,399	1,395
Sub-Saharan Africa	332	348	404	581	421	451
East Asia	469	348	556	1,332	458	490
South Asia	253	264	235	123	161	161
Oceania	1,813	1,946	2,755	1,953	963	963
Total	21,460	20,044	22,384	20,972	16,959	16,900

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Argentina	473	254	426	1,973	2,600	2,600
Australia	449	91	107	1,230	500	700
Bolivia	21	18	8	29	50	50
Ethiopia	75	75	75	50	50	50
India	123	53	31	50	50	50
Kenya	136	53	31	80	100	100
Ukraine	123	93	145	75	75	75
Others	310	286	163	147	213	213
Subtotal	1,710	923	986	3,634	3,638	3,838
United States	4,839	2,410	5,404	7,052	8,300	8,300
World Total	6,549	3,333	6,390	10,686	11,938	12,138
TY Imports						
Chile	49	73	36	26	70	70
China	4,436	652	3,709	8,669	9,800	10,000
Ethiopia	6	6	61	5	50	50
Japan	577	449	426	299	320	320
Kenya	141	109	52	200	170	170
Mexico	98	546	567	140	100	100
Somalia	80	85	80	50	50	50
South Sudan	148	26	81	80	150	150
Sudan	150	160	150	125	100	100
Taiwan	64	70	40	50	50	50
Others	958	1,069	424	366	414	409
Subtotal	6,707	3,245	5,626	10,010	11,274	11,469
Unaccounted	-209	87	763	675	663	668
United States	51	1	1	1	1	1
World Total	6,549	3,333	6,390	10,686	11,938	12,138

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Production						
Argentina	3,000	2,500	2,500	3,320	3,750	3,750
Australia	1,257	1,160	297	1,500	1,600	1,600
Bolivia	1,023	949	1,019	1,100	1,100	1,100
Brazil	2,136	2,177	2,498	2,732	2,700	2,700
Burkina Faso	1,366	1,930	1,872	1,840	1,700	2,150
Cameroon	1,190	1,200	1,217	1,200	1,200	1,200
Chad	946	988	973	980	950	950
China	2,465	2,909	3,600	3,550	3,600	3,600
Ethiopia	5,164	5,024	5,266	4,517	5,200	5,200
India	4,803	3,480	4,772	4,780	4,400	4,400
Mali	1,423	1,470	1,511	1,801	1,500	1,500
Mexico	4,545	4,700	4,328	4,348	4,700	4,700
Niger	1,945	2,100	1,897	1,922	1,900	1,900
Nigeria	6,939	6,721	6,665	6,570	6,800	6,800
Sudan	3,743	5,435	3,714	5,150	5,000	5,000
Others	6,843	7,395	7,328	7,633	7,613	7,534
Subtotal	48,788	50,138	49,457	52,943	53,713	54,084
United States	9,192	9,271	8,673	9,474	11,975	11,967
World Total	57,980	59,409	58,130	62,417	65,688	66,051
Total Consumption						
Argentina	3,100	2,150	2,050	1,300	1,400	1,400
Bolivia	920	980	980	1,050	1,050	1,050
Brazil	2,100	2,200	2,400	2,700	2,700	2,700
Burkina Faso	1,400	1,800	1,870	1,900	1,700	2,100
Cameroon	1,205	1,225	1,222	1,225	1,230	1,230
Chad	1,000	1,000	1,000	1,000	1,000	1,000
China	6,900	3,600	7,200	12,000	13,400	13,600
Ethiopia	5,000	5,000	5,300	4,900	5,300	5,200
European Union	950	1,524	978	1,013	951	951
India	4,600	3,550	4,500	4,550	4,500	4,500
Mali	1,450	1,470	1,500	1,700	1,600	1,600
Mexico	4,700	5,100	5,000	4,500	4,650	4,650
Niger	1,850	2,100	2,000	2,000	1,950	1,950
Nigeria	6,950	6,650	6,650	6,550	6,650	6,650
Sudan	4,400	5,300	4,350	5,100	5,050	5,050
Others	8,260	8,668	7,531	7,625	8,427	8,308
Subtotal	54,658	52,394	55,446	60,185	61,749	62,135
United States	4,119	6,212	4,365	2,513	3,429	3,429
World Total	58,777	58,606	59,811	62,698	65,178	65,564
Ending Stocks						
Argentina	515	454	266	186	236	236
Brazil	250	194	293	314	294	294
China	105	17	97	312	307	282
India	274	153	394	574	424	424
Mexico	113	259	153	111	258	260
Nigeria	181	152	117	87	187	187
Sudan	386	631	110	280	310	280
Others	1,997	2,032	1,634	1,166	1,488	1,143
Subtotal	3,821	3,892	3,064	3,030	3,504	3,106
United States	885	1,617	764	517	936	928
World Total	4,706	5,509	3,828	3,547	4,440	4,034

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	149	547	568	141	101	101
South America	111	80	45	37	115	110
European Union	484	666	89	15	30	30
Other Europe	28	24	29	25	25	25
Middle East	41	39	48	41	41	41
North Africa	1	0	7	2	2	2
Sub-Saharan Africa	719	650	618	688	758	758
East Asia	5,139	1,175	4,180	9,024	10,175	10,375
Southeast Asia	22	36	41	30	25	25
Others	64	29	2	8	3	3
Total	6,758	3,246	5,627	10,011	11,275	11,470
Production						
North America	13,737	13,971	13,001	13,822	16,675	16,667
Central America	282	288	286	242	220	220
Caribbean	91	106	71	76	81	81
South America	6,420	5,918	6,252	7,383	7,873	7,793
European Union	660	753	848	1,003	950	950
Middle East	410	440	390	391	405	405
North Africa	754	753	753	755	755	755
Sub-Saharan Africa	26,712	29,236	27,476	28,611	28,787	29,238
East Asia	2,467	2,911	3,602	3,552	3,602	3,602
South Asia	4,957	3,629	4,912	4,925	4,550	4,550
Southeast Asia	50	50	50	50	50	50
Oceania	1,257	1,160	297	1,500	1,600	1,600
Others	183	194	192	107	140	140
Total	57,980	59,409	58,130	62,417	65,688	66,051
Domestic Consumption						
North America	8,819	11,312	9,365	7,013	8,079	8,079
Central America	282	291	286	245	222	222
Caribbean	91	108	71	79	84	84
South America	6,532	5,640	5,683	5,316	5,573	5,488
European Union	950	1,524	978	1,013	951	951
Middle East	447	483	434	432	446	446
North Africa	754	753	769	757	757	757
Sub-Saharan Africa	27,640	29,279	28,538	29,337	29,445	29,711
East Asia	7,605	4,156	7,657	12,368	13,777	13,977
South Asia	4,817	3,726	4,641	4,700	4,650	4,650
Southeast Asia	66	85	81	83	73	73
Oceania	800	1,050	300	200	850	850
Others	101	122	93	83	80	80
Total	58,904	58,529	58,896	61,626	64,987	65,368
Ending Stocks						
North America	998	1,876	917	628	1,194	1,188
Central America	12	9	9	6	4	4
South America	892	740	683	645	666	675
European Union	138	103	42	31	40	40
Middle East	0	0	0	0	0	0
North Africa	54	54	44	44	44	44
Sub-Saharan Africa	1,852	2,187	1,532	1,231	1,374	1,241
East Asia	157	38	134	338	334	308
South Asia	274	153	394	574	424	424
Oceania	273	287	34	34	334	84
Others	56	62	39	16	26	26
Total	4,706	5,509	3,828	3,547	4,440	4,034

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Australia	550	250	245	393	600	600
Canada	1,685	1,665	1,899	1,961	1,100	1,100
European Union	141	119	235	145	200	200
Kazakhstan	10	27	7	6	10	10
Russia	34	134	73	85	100	100
Ukraine	7	11	16	15	15	15
United Kingdom	26	49	112	40	115	115
Others	40	47	18	11	17	17
Subtotal	2,493	2,302	2,605	2,656	2,157	2,157
United States	31	26	32	50	30	30
World Total	2,524	2,328	2,637	2,706	2,187	2,187
TY Imports						
Algeria	7	1	13	10	10	10
Chile	0	14	28	169	50	50
China	389	224	222	301	300	300
Ecuador	39	16	12	30	20	20
European Union	39	58	113	40	50	50
India	19	21	25	50	50	50
Japan	44	46	47	48	50	50
Korea, South	46	31	25	24	25	25
Malaysia	23	16	29	27	25	25
Mexico	168	129	137	180	100	100
Norway	21	93	45	15	25	25
Peru	29	41	45	50	50	50
South Africa	39	23	62	21	20	20
Switzerland	49	51	56	49	50	50
United Kingdom	14	28	28	25	20	20
Others	30	54	47	41	39	39
Subtotal	956	846	934	1,080	884	884
Unaccounted	25	85	112	51	153	153
United States	1,543	1,397	1,591	1,575	1,150	1,150
World Total	2,524	2,328	2,637	2,706	2,187	2,187

TY=Trade Year, see Endnotes.

World Oats Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Production						
Algeria	110	110	110	110	110	110
Argentina	492	572	600	510	690	690
Australia	1,227	1,135	1,143	1,675	1,550	1,550
Belarus	460	342	368	445	350	350
Brazil	634	795	879	846	927	927
Canada	3,733	3,436	4,227	4,576	2,300	2,300
Chile	571	385	477	525	600	600
China	550	560	600	600	600	600
European Union	7,183	6,940	6,958	8,487	8,200	8,200
Kazakhstan	285	336	267	240	200	200
Norway	283	144	300	300	300	300
Russia	5,448	4,715	4,420	4,127	4,100	4,100
Turkey	250	230	230	240	250	250
Ukraine	481	423	427	515	450	465
United Kingdom	875	850	1,076	1,031	1,100	1,100
Others	372	410	357	389	451	451
Subtotal	22,954	21,383	22,439	24,616	22,178	22,193
United States	720	815	773	954	578	578
World Total	23,674	22,198	23,212	25,570	22,756	22,771
Total Consumption						
Argentina	525	550	600	525	685	685
Australia	900	900	970	1,100	1,000	1,000
Belarus	460	375	370	440	350	350
Brazil	675	775	845	845	915	915
Canada	2,041	2,083	2,419	2,339	1,600	1,600
Chile	570	390	520	670	650	650
China	850	870	870	900	900	900
European Union	7,050	7,000	6,900	8,225	8,150	8,150
Kazakhstan	275	315	250	235	225	225
Mexico	200	255	210	235	190	190
Norway	320	250	345	320	325	325
Russia	5,400	4,700	4,200	4,050	4,000	4,000
Turkey	240	230	240	240	240	240
Ukraine	480	450	420	475	450	465
United Kingdom	838	867	992	973	1,000	1,000
Others	735	677	675	755	791	791
Subtotal	21,633	20,705	20,835	22,512	21,584	21,599
United States	2,358	2,326	2,344	2,363	1,929	1,929
World Total	23,991	23,031	23,179	24,875	23,513	23,528
Ending Stocks						
Australia	196	191	114	289	239	239
Canada	778	397	426	657	267	267
Chile	46	29	47	99	92	94
China	241	155	107	108	107	108
European Union	500	371	325	497	397	397
Russia	167	60	195	187	188	188
United Kingdom	138	116	106	147	152	152
Others	358	318	365	378	337	351
Subtotal	2,424	1,637	1,685	2,362	1,779	1,796
United States	595	549	534	552	361	361
World Total	3,019	2,186	2,219	2,914	2,140	2,157

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	1,723	1,535	1,744	1,774	1,260	1,260
South America	75	78	89	251	130	130
European Union	39	58	113	40	50	50
Other Europe	90	178	136	96	105	105
Former Soviet Union - 12	4	31	6	6	4	4
Middle East	0	0	0	0	0	0
North Africa	8	2	27	17	15	15
Sub-Saharan Africa	39	23	62	21	20	20
East Asia	479	301	294	373	375	375
South Asia	19	21	25	50	50	50
Southeast Asia	23	16	29	27	25	25
Oceania	0	0	0	0	0	0
Total	2,499	2,243	2,525	2,655	2,034	2,034
Production						
North America	4,525	4,354	5,099	5,593	2,968	2,968
South America	1,754	1,830	2,015	1,941	2,282	2,282
European Union	7,183	6,940	6,958	8,487	8,200	8,200
Other Europe	1,302	1,138	1,516	1,474	1,540	1,540
Former Soviet Union - 12	6,679	5,822	5,488	5,333	5,106	5,121
Middle East	250	230	230	240	250	250
North Africa	145	131	118	145	155	155
Sub-Saharan Africa	23	33	17	57	80	80
East Asia	551	561	601	601	601	601
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	1,262	1,159	1,170	1,699	1,574	1,574
Total	23,674	22,198	23,212	25,570	22,756	22,771
Domestic Consumption						
North America	4,599	4,664	4,973	4,937	3,719	3,719
South America	1,915	1,842	2,086	2,178	2,395	2,395
European Union	7,050	7,000	6,900	8,225	8,150	8,150
Other Europe	1,357	1,317	1,533	1,495	1,524	1,524
Former Soviet Union - 12	6,621	5,846	5,247	5,208	5,032	5,047
Middle East	240	230	240	240	240	240
North Africa	152	134	131	165	170	170
Sub-Saharan Africa	66	65	69	69	95	95
East Asia	940	951	943	972	976	976
South Asia	19	21	25	50	50	50
Southeast Asia	23	16	29	27	25	25
Oceania	935	927	994	1,124	1,024	1,024
Total	23,917	23,013	23,170	24,690	23,400	23,415
Ending Stocks						
North America	1,377	949	968	1,222	641	641
South America	125	144	188	220	220	222
European Union	500	371	325	497	397	397
Other Europe	202	167	158	194	197	199
Former Soviet Union - 12	330	177	322	340	292	292
Middle East	16	16	6	6	16	16
North Africa	2	1	3	0	0	0
Sub-Saharan Africa	24	15	25	34	27	39
East Asia	244	155	107	109	108	109
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	199	191	117	292	242	242
Total	3,019	2,186	2,219	2,914	2,140	2,157

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
TY Exports						
Albania	0	0	0	0	0	0
Canada	227	152	147	148	150	150
European Union	103	191	274	125	125	125
Russia	152	178	6	125	50	50
Ukraine	84	42	8	55	35	35
Others	1	1	0	24	0	0
Subtotal	567	564	435	477	360	360
United States	4	4	6	4	5	5
World Total	571	568	441	481	365	365
TY Imports						
Belarus	28	9	3	3	3	3
Canada	2	2	3	1	2	2
European Union	142	221	0	125	5	5
Israel	21	17	8	30	30	30
Japan	21	23	19	22	20	20
Korea, South	3	3	4	4	5	5
Norway	5	19	10	10	10	10
Others	10	8	102	16	4	4
Subtotal	232	302	149	211	79	79
Unaccounted	15	-28	8	81	86	86
United States	324	294	284	189	200	200
World Total	571	568	441	481	365	365

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Oct	2021/22 Nov
Production						
Argentina	86	87	220	135	134	134
Belarus	670	503	756	1,051	800	800
Canada	341	236	333	488	415	415
European Union	7,366	6,173	8,400	9,120	8,950	8,950
Russia	2,540	1,914	1,424	2,376	2,000	2,000
Turkey	320	320	320	320	330	330
Ukraine	510	396	339	459	575	600
Others	211	156	197	206	215	215
Subtotal	12,044	9,785	11,989	14,155	13,419	13,444
United States	260	214	270	293	249	249
World Total	12,304	9,999	12,259	14,448	13,668	13,693
Total Consumption						
Argentina	86	87	220	135	134	134
Belarus	665	550	750	1,050	800	800
Canada	189	169	181	310	295	295
European Union	7,600	6,350	8,100	9,100	8,600	8,600
Kazakhstan	35	35	27	35	40	40
Norway	54	27	59	58	60	60
Russia	2,500	1,750	1,550	2,200	1,950	1,950
Turkey	320	320	320	320	330	330
Ukraine	480	332	332	410	535	555
United Kingdom	42	38	36	38	36	36
Others	135	134	124	150	147	147
Subtotal	12,139	9,817	11,690	13,835	13,093	13,113
United States	483	518	550	528	394	394
World Total	12,622	10,335	12,240	14,363	13,487	13,507
Ending Stocks						
Belarus	61	35	44	31	34	34
Canada	124	49	40	72	44	44
European Union	591	513	555	506	761	761
Kazakhstan	16	4	0	4	5	5
Russia	260	141	104	177	152	152
Turkey	14	14	14	14	14	14
Ukraine	69	47	48	82	67	72
Others	1	1	1	1	1	1
Subtotal	1,136	804	806	887	1,078	1,083
United States	15	11	28	32	22	22
World Total	1,151	815	834	919	1,100	1,105

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Oct 2021/22	Nov 2021/22
TY Imports						
North America	326	296	287	190	202	202
South America	0	0	0	0	0	0
European Union	142	221	0	125	5	5
Other Europe	15	25	15	16	13	13
Former Soviet Union - 12	28	11	100	13	4	4
Middle East	21	17	8	30	30	30
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	24	26	23	26	25	25
Oceania	0	0	0	0	0	0
Total	556	596	433	400	279	279
Production						
North America	601	450	603	781	664	664
South America	97	100	234	150	150	150
European Union	7,366	6,173	8,400	9,120	8,950	8,950
Other Europe	128	87	127	128	126	126
Former Soviet Union - 12	3,759	2,836	2,542	3,916	3,415	3,440
Middle East	320	320	320	320	330	330
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	30	30	30	30	30	30
Total	12,304	9,999	12,259	14,448	13,668	13,693
Domestic Consumption						
North America	672	687	731	838	689	689
South America	97	100	234	150	150	150
European Union	7,600	6,350	8,100	9,100	8,600	8,600
Other Europe	142	110	141	142	139	139
Former Soviet Union - 12	3,680	2,667	2,659	3,695	3,325	3,345
Middle East	341	337	328	350	360	360
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	24	26	23	26	25	25
Oceania	30	30	30	30	30	30
Total	12,589	10,310	12,249	14,334	13,321	13,341
Ending Stocks						
North America	139	60	68	104	66	66
South America	0	0	0	0	0	0
European Union	591	513	555	506	761	761
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	294	258	263
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	1,151	815	834	919	1,100	1,105

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.