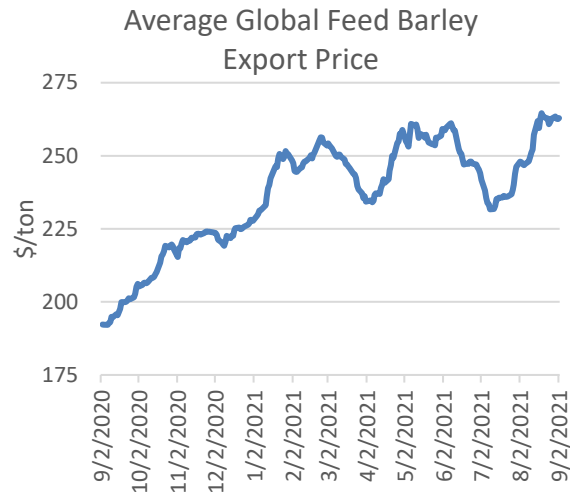
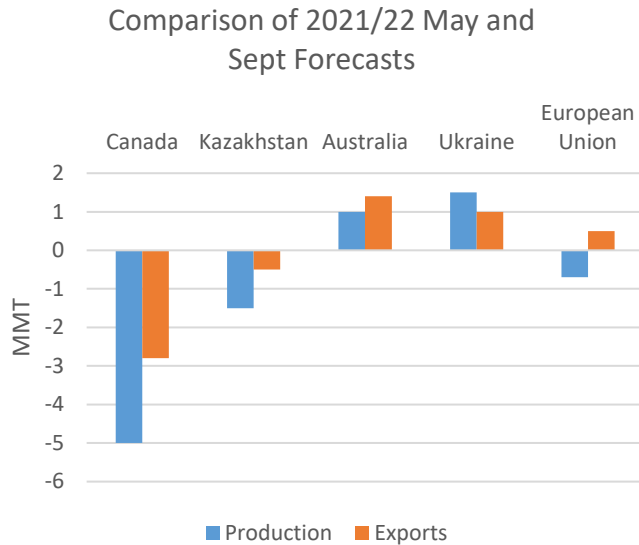


Grain: World Markets and Trade

Global Barley Trade Up Despite Production Cuts



Source: IGC; average of Argentina, EU, Black Sea, and Australia quotes

Despite a 5-percent global production cut from the initial USDA forecast in May, the forecast for global barley trade in 2021/22 has actually gone up over the same period. Among the major global producers and exporters of barley, Canada and Kazakhstan are expected to have substantially smaller crops in 2021/22 than initially forecast, with a production decline of 38 percent in each country’s forecast between May and September. Dry conditions contributed to the worsening outlook for their crops.

Demand is expected to remain strong for barley, driven primarily by China and Saudi Arabia. These two countries are the world’s largest barley importers, accounting for about half of world trade. Between May and September, 2021/22 forecasts for Saudi Arabia imports were unchanged; for China, imports were down 400,000 tons, despite the 2.5-million-ton export cut for Canada, China’s top supplier in 2020/21. Additionally, barley imports by Vietnam and Thailand have ticked up as Australia barley exports to China screeched to a halt earlier this year. For these countries, much of this trade is expected to be for feed-quality barley, though China also imports a large volume of malting-quality barley.

In order to meet this demand, other exporters are squeezing out additional barley to fill the gap left by Canada and Kazakhstan. For Ukraine and Australia, production and exports are forecast higher in September than in May, offsetting the cuts to Canada and Kazakhstan. The production forecast for the European Union, the world’s largest barley producer, is also down slightly, but reduced competition from Canada is expected to improve EU export prospects. This month, global barley exports (Oct-Sep) are forecast at 33.5 million tons, about 500,000 tons up from May and, if realized, would be the second-highest trade volume on record behind 2020/21. With this level of trade and lower forecast production, ending stocks have tightened by 2.7 million tons compared to May. Global barley prices have also recovered after a period of easing due to harvest pressures in several large grain producers and are now 25 percent higher than a year ago. Elevated corn prices are contributing to barley’s competitiveness as well.

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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](#)

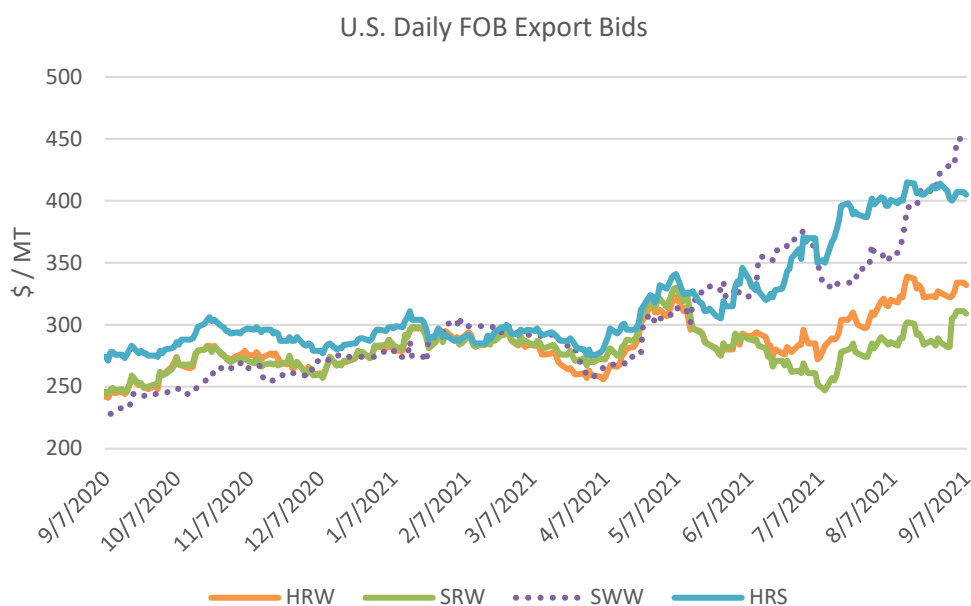
WHEAT

OVERVIEW FOR 2021/22

Global production is raised this month primarily on larger crops in Australia, China, and India. Global consumption is up with more feed and residual use. Stocks are adjusted higher with more supplies in the European Union, Canada, and India. Global trade is forecast higher with imports raised for Bangladesh, Iran, and Kazakhstan, while exports are up for Australia and India. The U.S. season-average farm price is down 10 cents to \$6.60 per bushel.

WHEAT PRICES

Domestic: Export quotes for all U.S. wheat classes moved higher again this month. Soft White Winter (SWW) rose a dramatic \$92/ton to a remarkable \$450, nearly double what it was one year ago. So far this marketing year, demand has remained strong with exports of this class down less than 10 percent year to date, despite production being down by nearly one-third and the lowest in decades based on low yields. However, the higher prices have led to much lower outstanding sales. Hard Red Spring (HRS) increased \$7/ton to \$405 as harvest nears completion, reflecting a smaller spring wheat crop. Hard Red Winter (HRW) rose \$14/ton to \$332 and Soft Red Winter (SRW) went up \$26/ton to \$309 amid smaller reported global harvests.



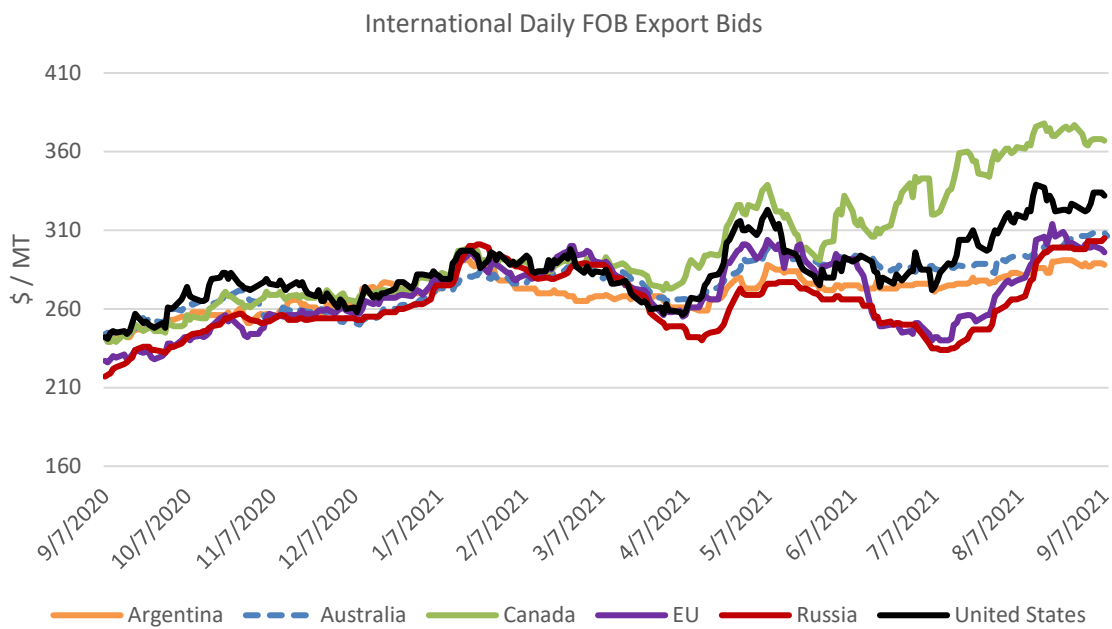
Source: IGC

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

Global: Major wheat exporters' quotes continued to rise over the past month. EU and Argentine quotes only went up \$5/ton and \$8/ton, respectively, with larger crops this year. Russian quotes have spiked \$37/ton with smaller harvest results and its continually rising export taxes. Australian quotes have crept \$15/ton higher, despite improved prospects for the upcoming crop. U.S. quotes were \$14/ton higher, while Canadian quotes have risen just \$5/ton, even though production prospects continue to erode.

Argentina	Australia	Canada	EU	Russia	United States
\$288	\$308	\$367	\$296	\$305	\$332

Note: As of September 8, 2021



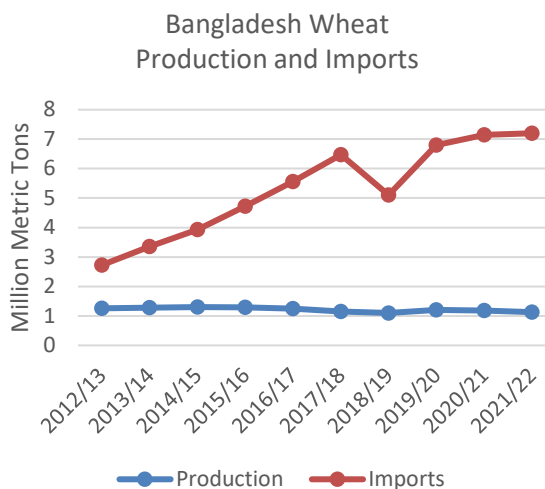
Source: IGC

*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

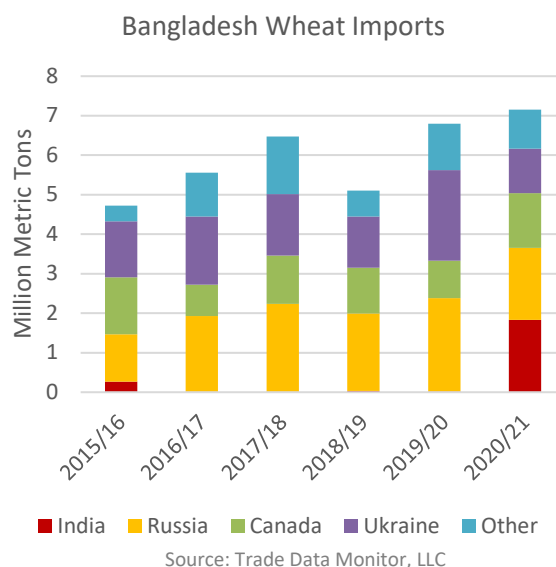
Bangladesh Turns to India for Wheat Imports

Bangladesh wheat imports have nearly tripled over the past decade amid relatively stable wheat production, a significant shift in dietary preferences toward more wheat-based foods, and a growing population. Rice consumption increased 5 percent to 36.5 million tons, whereas for wheat it nearly doubled to 7.8 million tons. However, unlike rice for which Bangladesh is typically self-sufficient, growth in wheat demand will be primarily satisfied with imports. Over the past several years, major exporters have vied for market share in this large and growing market—now the fifth-largest importer of wheat globally—while neighboring India barely exported anything. In 2020/21, India suddenly emerged as the primary supplier to Bangladesh, sending over 1.8 million tons.



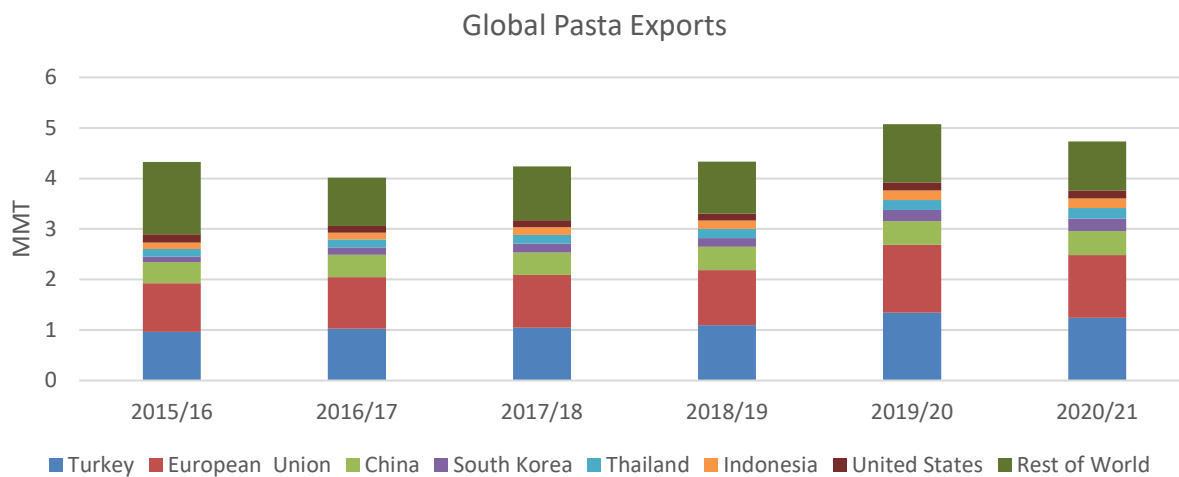
In recent years, Bangladesh has largely bought from competitively priced Black Sea suppliers Russia and Ukraine, although it also buys premium Canadian red spring wheat. But during 2020/21, Ukraine faced a smaller crop, Russia began taxing its exports, and global wheat and freight prices soared, so Bangladesh began purchasing closer to home. Suddenly Indian wheat was priced attractively relative to other exporters, aided by the ample supply situation in India. Demand from Bangladesh caused Indian exports to soar to the highest level in 7 years.

Looking ahead, Bangladesh import demand is forecast to rise but growth is expected to be muted by relatively high global wheat prices. Market shares are expected to change as key suppliers eye this dynamic market. Severe drought has cut the prospects for Canadian wheat exports. U.S. HRS supplies are expensive, making it challenging for the U.S. exports to completely replace reduced Canadian supplies. Bangladesh will likely continue to import significant quantities from India but may also shift back to Ukraine as both exporters boast record production and stocks. Other exporters with robust exportable supplies such as Argentina and Australia may increase sales to Bangladesh. Thus far the European Union, despite being a top global exporter, has had limited success in the Bangladesh market.

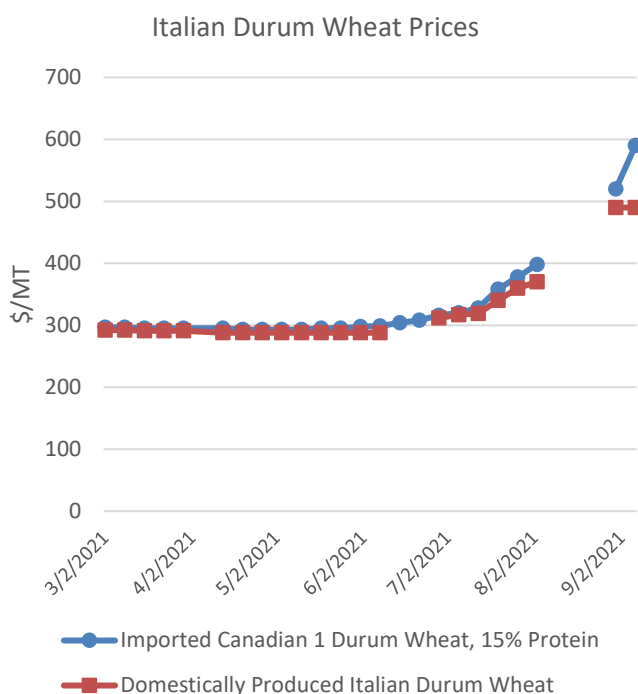


Market shares over the coming year will be determined not only by export prices, but also by the landed cost in Bangladesh. With freight prices remaining strong, India continues to have an advantage in supplying the market at a competitive price.

Rising Durum Prices Challenge Major Pasta Exporters



Global pasta demand surged during the first half of 2020, as pandemic stay-at-home orders boosted consumption of pasta products. Global exports of pasta surpassed 5 million tons during the 2019/20 trade year and remained strong throughout 2020/21. Tightening supplies of durum wheat, however, have posed additional challenges for the world's major pasta producers and exporters in the current trade year.



Source: BARI Chamber of Commerce.
Price data unavailable between 8/3/21 and 8/31/21.

Italy typically dominates the global pasta market. According to the International Pasta Organisation, Italy was the leading pasta producer in 2019 at 3.8 million tons, followed by the United States and Turkey. These countries produce durum wheat, the principal raw ingredient in pasta production. However, given the ballooning demand for pasta, major pasta producing countries must import additional durum wheat to supplement their domestic supplies.

As hot and dry conditions ravaged durum crops across the Northern Hemisphere, the resultant tight supplies have caused durum prices to surge. This has presented large pasta manufacturers with increased shortages and higher production costs. In Italy, both domestic and imported durum wheat prices have climbed past \$400/ton. These prices are approaching record levels reached in 2008¹.

¹ Source: Borsa Merci Telematica Italiana SCPA

With extremely high durum prices, pasta prices will likely also rise in 2021/22. Top pasta exporters Turkey, European Union (primarily Italy), and China may struggle to price their pasta for export and may see declining shipments. This is especially true for more price-sensitive markets, including Venezuela, Somalia, and Iraq, which may shift to more affordable alternatives such as rice. Other top pasta importers include the United States, United Kingdom, Canada, and Japan. Given the higher per capita income levels in these markets, escalated pasta prices are less likely to erode demand.

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

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	6,900	7,200	300	Growth in consumption based on prior year's trend
Iran	Imports	2,100	2,500	400	Replenishing stocks
Kazakhstan	Imports	500	800	300	More purchases from Russia
Nigeria	Imports	5,600	5,800	200	Increased FSI consumption
South Africa	Imports	2,100	1,900	-200	Larger production
Australia	Exports	23,500	24,000	500	Larger crop
Canada	Exports	17,500	17,000	-500	Smaller crop
India	Exports	2,600	3,500	900	Higher production and continued sales to Bangladesh

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

Country	Attribute	Previous	Current	Change
Bangladesh	Imports	6,700	7,150	450
Egypt	Imports	12,500	12,149	-351
Kazakhstan	Imports	600	800	200
Morocco	Imports	5,400	5,191	-209
Uzbekistan	Imports	3,500	3,758	258
European Union	Exports	30,750	29,623	-1,127
India	Exports	3,100	3,450	350

RICE

OVERVIEW FOR 2021/22

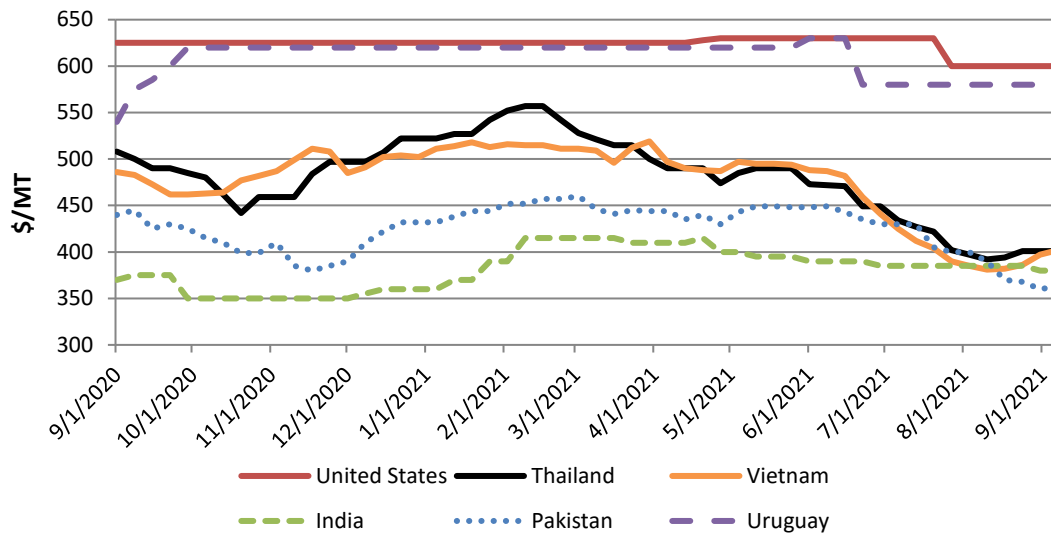
Global rice production is forecast higher this month, primarily on larger crops in India and Senegal, which more than offset a substantial decline in Egypt. The consumption forecast was lowered based largely on revisions for India, but globally remains record high. Global stocks are up primarily due to a higher forecast for India. Global trade is forecast up, with higher imports for Egypt and Bangladesh.

OVERVIEW FOR 2020/21

Global rice production is estimated higher due to upward revisions for India and Senegal based on government data. Global stocks are up due primarily to a revision for India. Global trade is forecast lower as declines for exports from Thailand and Pakistan are only partially offset by upward revisions for India. Imports are forecast lower for Iran and Panama, offset by upward revisions for Bangladesh and Egypt.

RICE PRICES

Weekly FOB Long Grain Rice Export Quotes: Last 12 Months



Global: Over the past month, Western Hemisphere prices remained steady with U.S. quotes at \$600/ton and Uruguayan quotes at \$580/ton. Thai quotes moved up slightly by \$9/ton to \$401 amid strong demand. Vietnamese quotes increased \$15/ton to \$402, spurred by the current COVID lockdown affecting export operations. Pakistani quotes continued to trend down, falling by \$27/ton to \$363, and are below Indian quotes which declined slightly by \$5/ton to \$380.

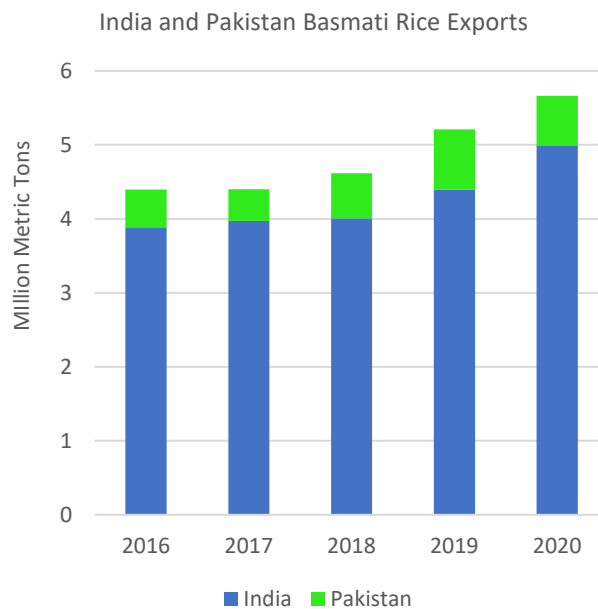
MARKET FEATURES

Strong Global Demand Spurs Basmati Rice Exports from India and Pakistan

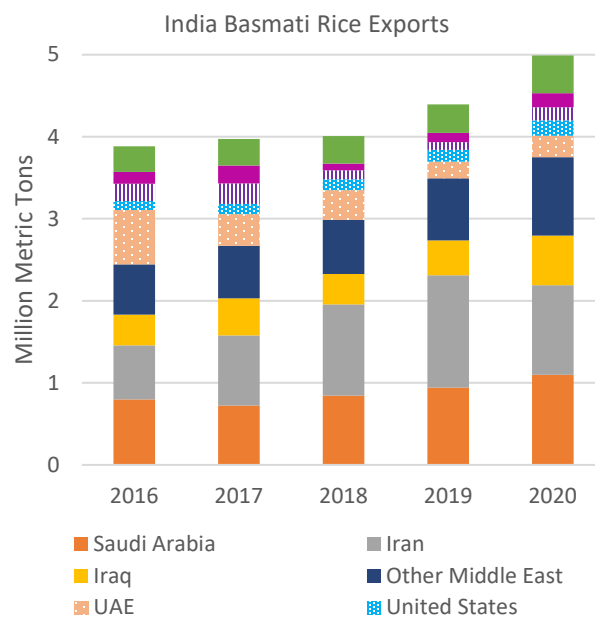
Basmati rice is a high-grade, premium quality product valued for its special aromatic qualities. India and Pakistan are the largest producers and exporters of basmati, with India accounting for nearly 90 percent of global basmati exports. The Middle East is the top export destination for basmati where it is a popular staple, especially in its largest markets Saudi Arabia, Iran, the United Arab Emirates (UAE), and Iraq. While the Middle East upholds its status as the traditional and largest and regional export destination, basmati exports are growing to Western markets including the European Union, United Kingdom, Canada, and the United States. Trends indicate that basmati, as well as other aromatic rice varieties like jasmine, are growing in popularity among Western consumers amid shifting taste preferences.

India dominates basmati exports, shipping nearly 5 million tons in 2020. In recent years, Iran has been the top buyer of Indian basmati rice; however, in 2020, Iran imports declined over 20 percent from the previous year due to a constricted economy from lower oil prices, financial challenges, and continued economic sanctions. Despite the loss in purchases from its top buyer, overall Indian basmati exports continued to grow, spurred by large purchases from Saudi Arabia, Iraq, and Yemen. In addition, Indian basmati exports expanded in smaller markets such as the United States and Canada (up about 30 percent), the United Kingdom (almost 50 percent), and the EU (about 70 percent).

Pakistan is the other key basmati producer. Despite increased global demand for this premium commodity, Pakistanis prefer basmati rice and much of it is consumed domestically. According to export data from the



Source: Trade Data Monitor, LLC and Pakistan Bureau of Statistics

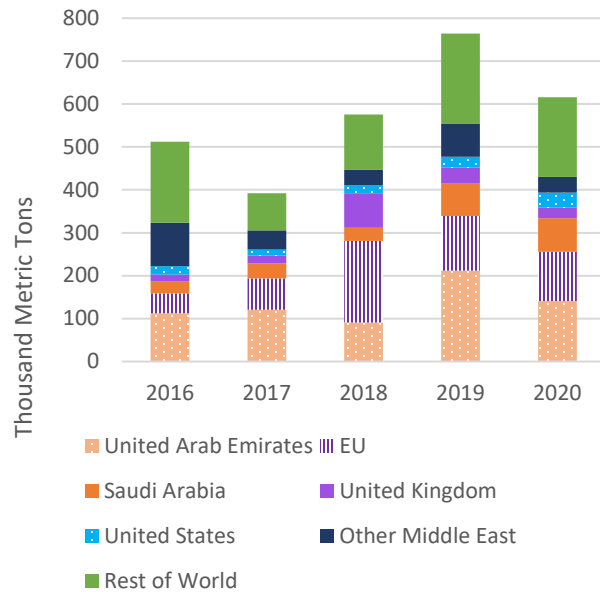


Source: Trade Data Monitor, LLC

Government of Pakistan, top markets for its basmati rice are the UAE, the EU, and Saudi Arabia. Pakistani basmati rice exports face stiff competition from India, which enjoys abundant supplies, competitive prices, and recent investments in marketing and branding. Even though India maintains these advantages globally, Pakistan made recent gains in the EU. Pakistan's dominance in the EU market in 2018 was spurred in part by new EU regulations reducing the maximum residue limit (MRL) for tricyclazole, a fungicide that at the time was used widely in India but not used in Pakistan. While Pakistan initially gained a majority market share after this new MRL was implemented, India began to adjust to the new regulations and in 2020 regained majority market share in the EU.

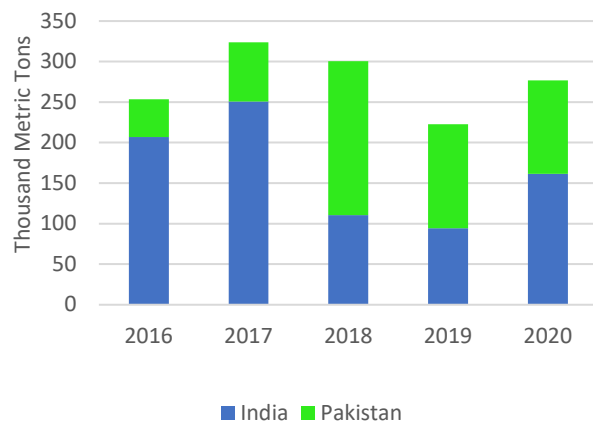
In addition, India petitioned the EU in 2020 for a Geographical Indication (GI) for basmati rice, claiming that the rice's aromatic attributes and flavor are directly tied to its local geography. Later in 2020, Pakistan filed an objection claiming it shares these unique growing conditions. Historically, the origins of basmati rice have been a topic of dispute between India and Pakistan. Basmati rice is produced in the Punjab region which was divided between the two countries in 1947. It is possible that India and Pakistan could file for joint ownership of a basmati rice GI, but this has yet to be seen.

Pakistan Basmati Rice Exports



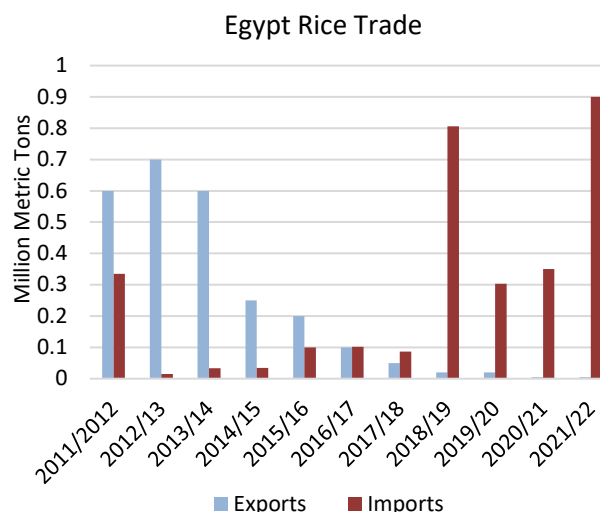
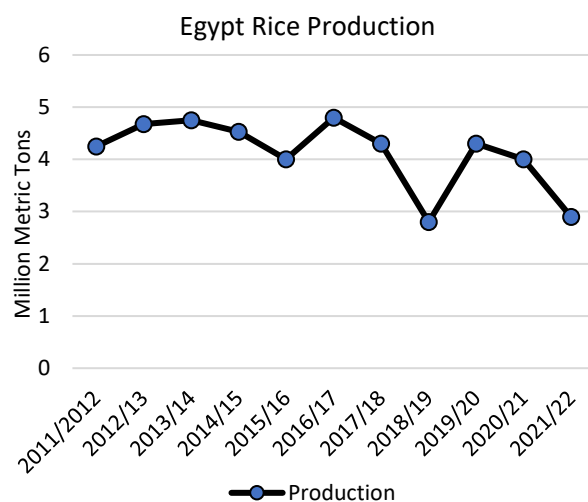
Source: Trade Data Monitor, LLC and Pakistan Bureau of Statistics

India and Pakistan Basmati Exports to the European Union



Source: Trade Data Monitor, LLC and Pakistan Bureau of Statistics

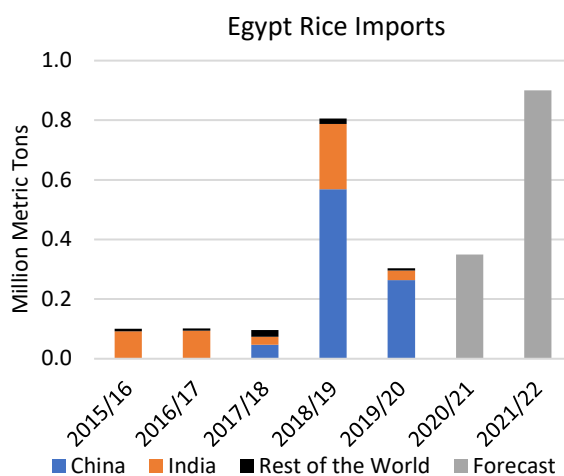
Egypt Forecast to Import Record Amount of Rice



A sharp decline in 2021/22 medium-grain rice production in Egypt is forecast to result in record imports and create opportunities for China to export its medium grain.

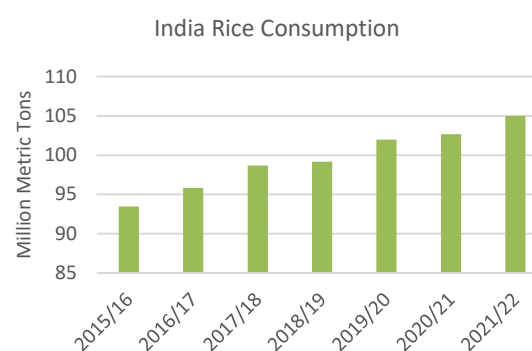
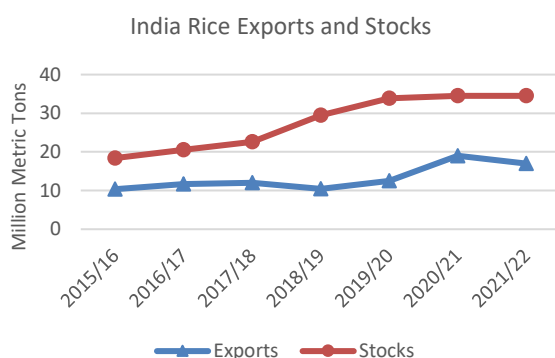
The 2021/22 rice crop is anticipated to be 1.1 million tons smaller than the 2020/21 crop and the lowest since 2018/19. This year, the government of Egypt has increased enforcement of rice area limits to curb water use. The restrictions on rice include a numerical ceiling on planted area and geographic limits on where rice cultivation can occur and where it is banned. Rice in Egypt is always planted more than the allowable limits because of its high profitability. This year, however, a few factors are leading to lower acreage. First, the government is more strictly enforcing the cap with fines and the prospects of arrest. Second, abundant supplies at planting time led to lower profitability and discouraged some farmers from planting rice.

Historical trends indicate that Egypt will increase supplies by importing more. Before becoming a net importer, Egypt was a major medium-grain supplier and exported an impressive 1.2 million tons in 2006/07. Since the transition to a net importer, Egypt has been supplied by medium grain from China and mostly basmati from India. In 2018/19, Egypt rice imports were roughly 800,000 tons and most was imported from China.² Imports dipped as production rebounded, but now with less domestic production in 2021/22, Egypt is expected to import 900,000 tons. China will likely continue to be the major supplier to Egypt due to competitive prices at only \$320/ton in recent months. Other medium-grain exporters such as the United States, Australia, and Taiwan have prices triple those of China and therefore are largely uncompetitive. Ultimately, higher demand from Egypt will sustain strong China medium-grain exports.



² Source: Trade Data Monitor, LLC

India Rice Consumption and Stocks Revised



This month, the estimates for India rice consumption were revised lower and stocks revised higher based on evidence from mid-year stocks data that suggests larger total beginning stocks for 2020/21. India rice stocks are primarily composed of public sector stocks, but the private sector now appears to have held larger-than-usual volumes at the end of 2019/20. As India's monthly exports skyrocketed during the second half of 2019/20, exporters began to hold more stocks to ensure sufficient quantities would be available for future delivery. In addition, the Government of India began distributing larger quantities of free or low-cost rice to a majority of the population during 2019/20 in response to the COVID-19 pandemic. While initially it seemed that the population consumed the additional rice immediately, the current supply situation suggests that consumers retained a portion of it, thereby adding to the 2020/21 beginning stocks. As a result, the consumption estimates for 2019/20 and onward have been adjusted lower to reflect this change. Total India rice stocks remain elevated and are expected to continue to be high going into the 2021/22 marketing year.

TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	500	600	100	Continuation of lower import tariff and government tenders
Egypt	Imports	500	800	300	Smaller crop
Senegal	Imports	1,250	1,100	-150	Larger crop

TRADE CHANGES IN 2021 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	1,800	2,100	300	Sustained high domestic prices and large recent purchases from India
Egypt	Imports	300	400	100	Smaller crop
Iran	Imports	1,150	1,050	-100	Reduced imports of basmati
India	Exports	18,500	18,750	250	Larger shipments to Bangladesh
Pakistan	Exports	4,200	4,100	-100	Slow pace to date
Thailand	Exports	5,800	5,600	-200	Continued challenges with freight

COARSE GRAINS

OVERVIEW FOR 2021/22

Global corn production is up with larger crops in Argentina, China, and the United States far offsetting the smaller crops in Russia and Serbia. Global trade is higher than last month as larger exports for Argentina and the United States outweigh cuts to Brazil, Russia, and Serbia. Global imports are up on raises to Canada and Mexico. The U.S. season-average farm price is down 30 cents to \$5.45 per bushel.

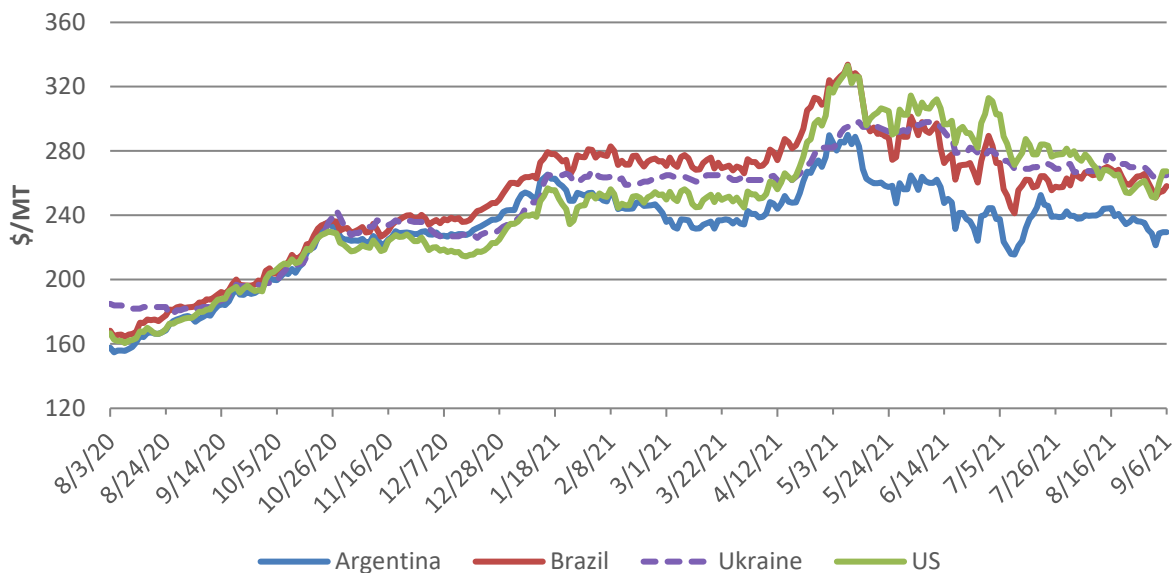
OVERVIEW FOR 2020/21

Global corn production is up from last month as larger crops in Argentina and India more than offset a cut to Brazil. Global trade is down slightly as a reduction for the United States overshadows larger exports from Argentina, India, and Russia. Global imports are down on cuts to Brazil, Vietnam, and Zimbabwe, despite larger imports by the European Union. The U.S. season-average farm price is up 5 cents to \$4.45 per bushel.

CORN PRICES

Global: Since the August WASDE, major export bids have declined. Brazilian bids are down \$9/ton to \$258 and Argentine bids are down \$10/ton to \$230 on harvest pressure. Ukrainian bids are down \$3/ton to \$265 amid expectations of a record crop. U.S. bids are down \$9/ton to \$267 on weak foreign demand. The U.S. Coast Guard has opened the Lower Mississippi River to all vessel traffic after Hurricane Ida, although elevator operations continue to be severely hampered.

Selected Export Bids, FOB



Source: IGC

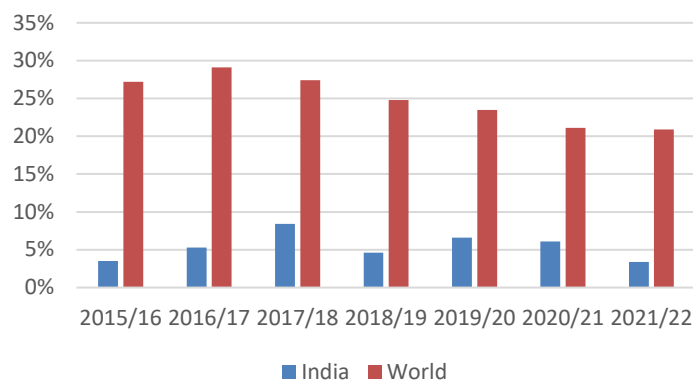
MARKET FEATURES

India Corn Exports to Southeast Asia Skyrocket Amid Tight Global Stocks

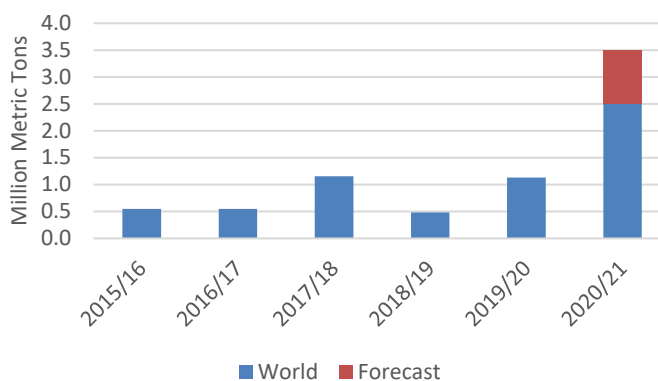
Traditionally, Indian corn prices have not been competitive with prevailing prices from the world's major exporters. In 2020/21, high global corn prices, supported by the steep fall in Brazil's production due to drought and shrinking stock levels in the United States, have made Indian corn a viable option on the global market. India's average FOB export price in May 2021 was \$243/ton³, less than the United States (\$269), Brazil (\$304/ton) and Ukraine (\$292)⁴. This, combined with a domestic poultry sector slowdown due to COVID-19, has been the catalyst for an explosive year of growth for India corn exports. India is forecast to ship 3.5 million tons of corn in 2020/21 (Oct-Sept), with exports to Vietnam and Malaysia over 1.1 million tons combined, nearly as much as all of India's corn exports in 2019/20.

Surging freight prices are another reason India corn is making its way into Southeast Asian countries. Global ocean freight rates increased rapidly due to higher Chinese demand for agricultural commodities, leading to congestion in Chinese ports, delays, and lower availability for vessels. Previously, Malaysia and Vietnam sourced corn from countries such as Brazil, Argentina, and Ukraine; however, a shortage in containers, and the ensuing spike in all freight rates, has forced a search for alternative suppliers. This has provided an opportunity for Indian exporters to fill unmet demand as a supplier with a price advantage.

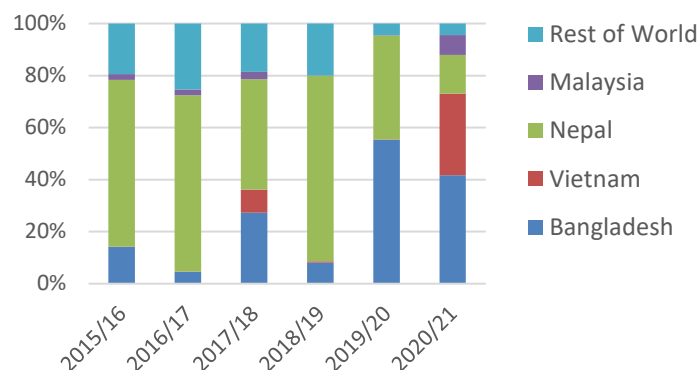
Corn Stocks to Use Ratio



India Corn Exports



India Export Market Share



³ Trade Data Monitor, LLC

⁴ IGC Price Database

China Corn Consumption Revised

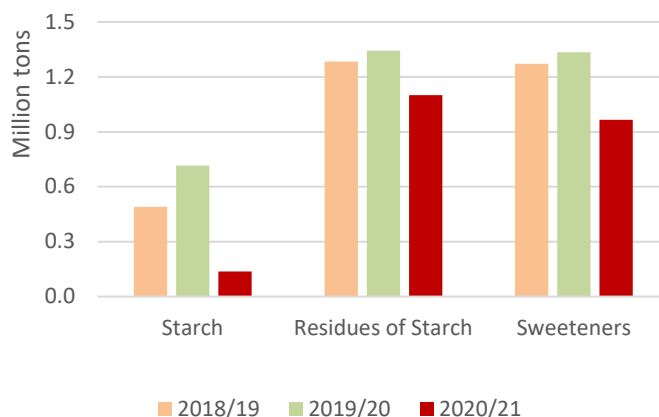
China total corn consumption for 2020/21 is revised lower this month. The feed and residual use category is adjusted lower to be in line with the forecast growth in use of protein meals and to reflect more use of other grains. The use for food, seed, and industrial (FSI) is estimated lower, reflecting the decline in exports of corn-based products and on an assumption that less corn is used for fuel ethanol production over other alternatives.

Data on corn milling in China is not publicly available, but China Customs data shows that exports of major corn-based products are well behind past years⁵. For the first 10 months (Oct-Jul), exports of corn starch were the smallest in volume since 2015/16, while corn-based sweeteners were the smallest since 2014/15. China has been the largest exporter of corn starch in recent years. For corn-based sweeteners, China surpassed the United States in 2019/20 to become the largest exporter. On the other hand, imports of cassava, an alternative to corn in fuel ethanol production, were up 56 percent to 4.1 million tons from a year ago, the largest volume since 2017/18.

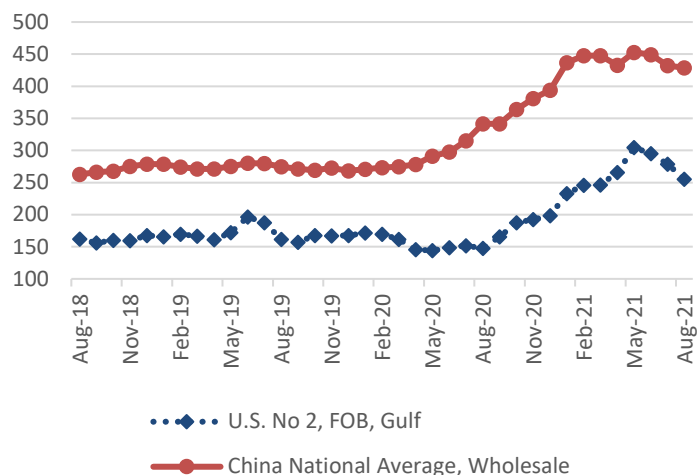
Corn use for feed and residual consumption, although slightly down from last month due to greater use of barley and sorghum, is forecast to grow. With the recovery in swine herds from African swine fever, demand for feedstuffs has been supportive of prices. Domestic corn prices have remained near record levels⁶, despite the substantial release of wheat and rice stocks from reserves earlier this year as reported by news media. Strong prices in the domestic market, however, must have pushed up costs of milling operations and squeezed margins.

For 2021/22, China corn production is revised higher this month. Feed and residual consumption is forecast to grow supported by larger available supplies. FSI consumption, however, is currently forecast to decline with an assumption that fuel ethanol operations would favor cheaper alternatives (i.e., cassava) over domestic corn. Unit values of imported cassava averaged \$272 per ton in 2020/21.

China Exports of Corn-based Products
October-July



Corn Prices (\$/ton)



⁵ Source: TDM; Corn starch (HS 110812), residues of starch (HS 230310), corn-based sweeteners (HS 170230, 170260, 170290)

⁶ Source: FPMA Tool, Food and Agriculture Organization of the United Nations

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Corn	Exports	38,500	39,500	1,000	Larger crop
Australia	Barley	Exports	6,400	7,000	600	Higher production
Brazil	Corn	Exports	34,000	33,000	-1,000	Expectations of slower shipments during Oct-Mar
Canada	Barley	Exports	2,700	2,000	-700	Smaller available supplies
	Oats	Exports	1,600	1,400	-200	
	Corn	Imports	2,000	3,000	1,000	Partially substitute for barley in western provinces
European Union	Barley	Exports	7,000	7,300	300	Reduced competition from Canada
Mexico	Corn	Imports	16,500	17,000	500	Growing feed demand
Russia	Corn	Exports	5,000	4,800	-200	Lower production
Serbia	Corn	Exports	2,400	2,000	-400	Lower production
Turkey	Barley	Imports	1,000	1,200	200	Larger supplies in Ukraine
Ukraine	Barley	Exports	5,800	6,000	200	Reduced competition from Canada
United States	Corn	Exports	61,000	62,500	1,500	Higher production
Vietnam	Barley	Imports	600	800	200	Larger supplies in Australia

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Corn	Exports	34,500	35,500	1,000	Strong August shipments
	Sorghum	Exports	1,200	1,400	200	
Australia	Barley	Exports	6,700	7,200	500	Pace of trade
	Sorghum	Exports	700	1,000	300	Pace of trade
Brazil	Corn	Imports	2,600	2,300	-300	Pace of trade
Canada	Barley	Exports	3,800	3,300	-500	Expectations of small shipments for Aug-Sep
China	Barley	Imports	10,300	11,300	1,000	Trade to date
	Sorghum	Imports	8,000	8,300	300	
European Union	Barley	Exports	7,300	7,800	500	Customs surveillance data
	Corn	Imports	13,200	14,000	800	
India	Corn	Exports	2,500	3,500	1,000	Pace of trade
Russia	Barley	Exports	5,400	5,600	200	Pace of trade
	Corn	Exports	3,100	3,800	700	
South Africa	Corn	Exports	3,200	3,000	-200	Trade to date
Ukraine	Barley	Exports	4,300	4,700	400	Larger anticipated volumes in July-September
United States	Corn	Exports	72,500	69,500	-3,000	Weak export inspection data during August
	Sorghum	Exports	7,500	7,300	-200	
Vietnam	Corn	Imports	12,300	12,000	-300	Smaller supplies from Brazil
Zimbabwe	Corn	Imports	800	400	-400	Pace to date

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. Further information may be obtained by writing the Division or telephoning (202) 720-3448.

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

Marketing Year	Wheat			Rice, Milled			Corn			
	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	49.7	46.2	5.9	7.2	6.0	346.0	360.3	380.9
Other		711.0	726.1	734.1	492.4	499.0	501.9	772.7	756.8	816.9
World Total		763.6	775.8	780.3	498.3	506.2	507.9	1,118.7	1,117.1	1,197.8
Domestic Consumption										
United States	(Jun-May)	30.4	30.5	32.3	4.6	4.8	4.7	309.5	309.8	313.1
Other		710.7	745.3	754.6	487.5	494.6	504.7	820.9	832.4	858.2
World Total		741.1	775.8	786.9	492.1	499.4	509.4	1,130.4	1,142.2	1,171.3
Ending Stocks										
United States	(Jun-May)	28.0	23.0	16.7	0.9	1.4	1.1	48.8	30.2	35.8
Other		269.6	269.6	266.5	180.9	184.6	180.7	257.3	256.3	261.8
World Total		297.6	292.6	283.2	181.8	186.0	181.8	306.1	286.5	297.6
TY Imports										
United States	(Jun-May)	2.8	2.7	3.7	1.2	1.2	1.2	1.0	0.7	0.7
Other		186.0	191.6	193.4	42.5	45.5	44.6	168.7	180.5	187.1
World Total		188.8	194.3	197.1	43.7	46.7	45.8	169.7	181.2	187.8
TY Exports										
United States	(Jun-May)	26.4	26.7	24.5	2.9	3.0	2.9	47.0	69.5	62.5
Other		168.5	171.0	176.4	42.3	45.2	45.1	128.8	114.3	129.9
World Total		194.9	197.7	200.9	45.2	48.2	48.0	175.8	183.8	192.4

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 Aug	2021/22 Sep
TY Exports						
Argentina	14,000	12,680	13,608	9,597	13,000	13,000
Australia	15,512	9,835	10,118	19,782	23,500	24,000
Brazil	245	594	408	911	1,300	1,300
Canada	22,019	24,452	23,478	27,706	17,500	17,000
European Union	24,895	24,686	39,766	29,623	35,000	35,000
India	517	494	595	3,450	2,600	3,500
Kazakhstan	8,519	8,780	6,888	8,128	7,200	7,200
Russia	41,447	35,863	34,485	38,500	35,000	35,000
Turkey	6,725	6,676	6,633	6,571	6,000	6,000
Ukraine	17,775	16,019	21,016	16,851	23,500	23,500
Others	12,080	11,826	11,492	9,858	10,718	10,923
Subtotal	163,734	151,905	168,487	170,977	175,318	176,423
United States	23,230	26,202	26,390	26,702	24,500	24,500
World Total	186,964	178,107	194,877	197,679	199,818	200,923
TY Imports						
Afghanistan	3,300	3,700	3,000	3,000	3,000	3,000
Algeria	8,172	7,515	7,145	7,519	7,150	7,150
Bangladesh	6,472	5,100	6,800	7,150	6,900	7,200
Brazil	6,702	7,442	7,063	6,279	6,500	6,500
China	3,937	3,145	5,376	10,617	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	5,373	5,400	5,400
Indonesia	10,763	10,934	10,586	10,350	10,400	10,400
Iran	190	170	2,000	2,200	2,100	2,500
Iraq	4,158	3,894	2,050	2,173	2,800	2,800
Japan	5,876	5,726	5,683	5,493	5,700	5,700
Kenya	2,158	2,000	2,500	2,087	2,200	2,200
Korea, South	4,269	3,908	3,941	3,889	3,900	3,900
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	5,600	5,800
Pakistan	2	2	1	3,617	2,500	2,500
Philippines	6,059	7,570	7,065	6,113	6,500	6,500
Saudi Arabia	3,492	2,902	3,652	2,816	3,200	3,200
Sudan	2,580	2,222	2,684	2,200	2,150	2,150
Thailand	3,173	2,899	3,501	3,306	3,300	3,300
Turkey	6,092	6,515	11,087	8,051	10,000	10,000
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	3,900	3,600	3,600
Others	57,746	53,732	58,094	59,218	60,119	60,129
Subtotal	178,525	170,749	185,931	191,659	192,469	193,379
Unaccounted	4,065	3,863	6,113	3,331	3,649	3,844
United States	4,374	3,495	2,833	2,689	3,700	3,700
World Total	186,964	178,107	194,877	197,679	199,818	200,923

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 Aug	2021/22 Sep
Production						
Argentina	18,500	19,500	19,780	17,645	20,500	20,000
Australia	20,941	17,598	14,480	33,000	30,000	31,500
Brazil	4,264	5,428	5,200	6,250	7,700	7,700
Canada	30,377	32,352	32,670	35,183	24,000	23,000
China	134,241	131,441	133,600	134,250	136,000	136,900
Egypt	8,450	8,450	8,770	8,900	9,000	9,000
European Union	136,681	123,124	138,741	125,942	138,600	139,000
India	98,510	99,870	103,600	107,860	108,000	109,520
Iran	14,000	14,500	16,800	16,750	15,000	15,000
Kazakhstan	14,802	13,947	11,452	14,256	12,500	12,500
Pakistan	26,674	25,076	24,349	24,946	27,000	27,000
Russia	85,167	71,685	73,610	85,354	72,500	72,500
Turkey	21,000	19,000	17,500	18,250	16,500	16,500
Ukraine	26,981	25,057	29,171	25,420	33,000	33,000
United Kingdom	14,444	13,455	15,600	9,658	15,000	15,000
Others	60,128	59,652	65,676	62,473	65,430	65,980
Subtotal	715,160	680,135	710,999	726,137	730,730	734,100
United States	47,380	51,306	52,581	49,691	46,179	46,179
World Total	762,540	731,441	763,580	775,828	776,909	780,279
Total Consumption						
Algeria	10,450	10,750	10,950	11,250	11,250	11,250
Brazil	12,000	12,100	12,100	12,050	12,600	12,600
China	121,000	125,000	126,000	150,000	148,000	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	108,500
India	95,677	95,629	95,403	102,283	105,000	105,000
Indonesia	10,600	10,600	10,300	10,100	10,100	10,100
Iran	15,900	16,100	17,200	17,600	17,700	17,700
Morocco	10,500	10,700	10,400	10,400	10,700	10,700
Pakistan	25,000	25,400	25,500	26,200	27,000	27,200
Russia	43,000	40,500	40,000	42,500	40,000	40,000
Turkey	18,300	18,800	20,000	20,600	21,000	21,000
Ukraine	9,800	8,800	8,300	8,700	9,400	9,400
United Kingdom	15,985	15,317	14,934	13,668	15,700	15,700
Uzbekistan	9,700	9,500	9,500	9,600	9,400	9,400
Others	180,073	177,611	182,081	185,538	185,284	186,114
Subtotal	712,850	705,380	717,596	750,420	754,451	757,348
United States	29,245	29,986	30,436	30,452	32,222	32,276
World Total	742,095	735,366	748,032	780,872	786,673	789,624
Ending Stocks						
Algeria	4,529	5,219	5,358	5,524	4,895	5,014
Australia	4,549	4,440	2,678	4,378	4,578	4,878
China	129,508	138,088	150,015	144,119	141,620	141,019
European Union	17,897	15,798	12,624	10,066	9,565	10,966
India	13,230	16,992	24,700	27,800	27,425	28,845
Iran	8,066	6,236	6,556	7,456	6,606	7,006
Russia	12,010	7,778	7,228	11,982	9,982	9,982
Others	66,289	58,123	60,464	58,274	57,336	58,781
Subtotal	256,078	252,674	269,623	269,599	262,007	266,491
United States	29,907	29,386	27,985	22,965	17,054	16,728
World Total	285,985	282,060	297,608	292,564	279,061	283,219

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Aug 2021/22	Sep 2021/22
TY Imports						
North America	10,070	8,834	8,588	7,960	9,500	9,500
Central America	1,910	1,928	2,074	2,160	2,180	2,180
South America	15,320	14,955	15,537	15,199	14,779	14,879
European Union	6,060	5,763	5,551	5,373	5,400	5,400
Other Europe	4,080	4,654	3,551	4,774	3,880	3,755
Former Soviet Union - 12	7,898	7,843	8,030	9,212	8,910	9,085
Middle East	25,411	24,550	30,408	26,696	30,040	30,440
North Africa	27,441	26,956	27,991	28,164	27,950	27,950
Sub-Saharan Africa	25,312	22,571	26,953	27,081	26,840	26,850
East Asia	16,533	15,011	17,270	22,205	22,100	22,100
South Asia	12,137	10,059	11,305	15,618	14,385	14,735
Southeast Asia	27,251	27,753	27,557	26,393	26,700	26,700
Others	3,476	3,367	3,949	3,513	3,505	3,505
Total	182,899	174,244	188,764	194,348	196,169	197,079
Production						
North America	81,251	86,658	88,521	87,839	73,279	72,279
South America	25,875	28,761	28,600	27,627	32,280	31,780
European Union	136,681	123,124	138,741	125,942	138,600	139,000
Other Europe	18,449	18,095	19,958	14,205	19,700	20,000
Former Soviet Union - 12	142,356	124,020	129,862	139,232	132,170	132,220
Middle East	41,585	38,879	44,496	44,927	39,792	39,792
North Africa	19,245	21,002	18,399	16,603	21,550	21,550
Sub-Saharan Africa	7,469	8,348	8,490	8,957	8,895	9,095
East Asia	135,552	132,834	135,199	135,734	137,462	138,362
South Asia	132,595	131,655	136,335	141,207	142,631	144,151
Oceania	21,346	17,969	14,878	33,454	30,450	31,950
Others	136	96	101	101	100	100
Total	762,540	731,441	763,580	775,828	776,909	780,279
Domestic Consumption						
North America	45,974	46,631	47,099	46,772	47,622	47,676
South America	28,948	28,895	29,635	29,910	30,460	30,580
European Union	113,500	106,300	107,700	104,250	108,500	108,500
Other Europe	21,100	20,682	20,274	19,058	21,245	21,170
Former Soviet Union - 12	81,385	77,135	76,015	79,129	77,145	77,370
Middle East	59,505	59,939	63,000	64,910	65,335	65,335
North Africa	45,225	46,100	46,250	46,920	47,700	47,700
Sub-Saharan Africa	31,942	30,381	33,136	34,691	35,057	35,167
East Asia	134,285	137,750	138,638	162,468	160,696	161,696
South Asia	138,550	138,996	139,878	148,033	151,701	152,151
Southeast Asia	26,390	26,160	26,365	25,850	25,895	25,895
Oceania	9,905	10,610	9,410	9,935	9,455	9,655
Others	3,821	3,614	3,704	3,865	4,045	4,045
Total	740,530	733,193	741,104	775,791	784,856	786,940
Ending Stocks						
North America	37,407	36,030	33,869	29,014	20,486	21,577
South America	4,010	4,673	5,240	5,919	6,076	6,284
European Union	17,897	15,798	12,624	10,066	9,565	10,966
Other Europe	3,175	3,287	4,204	2,598	3,480	3,348
Former Soviet Union - 12	21,032	14,750	13,412	18,988	16,250	16,518
Middle East	19,255	15,193	18,768	18,306	16,965	16,710
North Africa	14,871	15,537	14,357	11,566	12,356	12,361
Sub-Saharan Africa	3,393	2,930	4,122	4,437	3,886	4,109
East Asia	132,655	141,028	153,011	146,902	144,478	143,848
South Asia	21,313	21,466	28,203	33,890	34,858	36,395
Southeast Asia	5,683	6,191	6,231	5,588	5,091	5,233
Oceania	4,897	4,769	3,029	4,686	4,916	5,216
Others	397	408	538	604	654	654
Total	285,985	282,060	297,608	292,564	279,061	283,219

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 Aug	2021/22 Sep
TY Exports						
Argentina	375	388	335	350	340	340
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	1,850	2,000	2,000
Cambodia	1,300	1,350	1,350	1,300	1,400	1,400
China	2,059	2,720	2,265	2,300	2,400	2,400
European Union	570	527	506	500	550	550
Guyana	414	496	520	530	530	530
India	11,791	9,813	14,560	18,750	16,000	16,500
Pakistan	3,913	4,550	3,934	4,100	4,300	4,150
Paraguay	653	689	803	600	700	700
Thailand	11,213	7,562	5,706	5,600	6,500	6,500
Turkey	213	202	234	200	230	230
Uruguay	802	809	967	700	850	850
Vietnam	6,590	6,581	6,167	6,300	6,400	6,400
Others	1,371	1,307	1,430	1,340	1,274	1,279
Subtotal	45,521	40,782	42,359	45,280	44,784	45,139
United States	2,776	3,142	2,858	2,950	2,875	2,875
World Total	48,297	43,924	45,217	48,230	47,659	48,014
TY Imports						
Bangladesh	1,400	80	20	2,100	500	600
Brazil	537	691	853	730	650	650
China	4,500	2,800	3,200	3,900	3,600	3,600
Cote d'Ivoire	1,500	1,350	1,100	1,200	1,250	1,250
Egypt	230	665	309	400	500	800
Ethiopia	600	520	700	750	850	850
European Union	1,633	1,799	1,994	1,850	2,000	2,000
Ghana	830	900	850	950	950	950
Guinea	865	530	670	725	725	725
Iran	1,250	1,400	1,125	1,050	1,300	1,300
Iraq	1,237	1,263	970	1,150	1,200	1,200
Japan	670	678	676	685	685	685
Kenya	600	610	600	550	650	650
Madagascar	390	440	450	525	650	650
Malaysia	800	1,000	1,220	1,100	1,100	1,100
Mexico	776	740	843	800	800	800
Mozambique	530	635	655	625	675	675
Nepal	700	620	970	1,100	1,150	1,150
Nigeria	2,100	1,800	1,800	1,900	2,000	2,000
Philippines	2,500	2,900	2,450	2,100	2,100	2,100
Saudi Arabia	1,290	1,425	1,613	1,500	1,400	1,400
Senegal	1,100	1,000	1,050	1,150	1,250	1,100
South Africa	1,071	966	1,031	1,050	1,000	1,000
United Arab Emirates	775	850	850	900	900	900
United Kingdom	536	587	654	640	650	650
Others	16,931	15,086	15,872	16,144	15,793	15,773
Subtotal	45,351	41,335	42,525	45,574	44,328	44,558
Unaccounted	2,030	1,607	1,482	1,506	2,106	2,231
United States	916	982	1,210	1,150	1,225	1,225
World Total	48,297	43,924	45,217	48,230	47,659	48,014

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 Aug	2021/22 Sep
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	12,800	12,800
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	121,000	122,000
Indonesia	37,000	34,200	34,700	35,300	35,350	35,350
Japan	7,787	7,657	7,611	7,567	7,580	7,580
Korea, South	3,972	3,868	3,744	3,507	3,770	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	18,830	19,500	19,500
Vietnam	27,657	27,344	27,100	27,438	27,100	27,100
Others	42,999	43,557	46,085	45,624	45,709	45,376
Subtotal	488,819	490,135	492,414	499,006	501,183	501,896
United States	5,659	7,107	5,877	7,226	6,266	6,049
World Total	494,478	497,242	498,291	506,232	507,449	507,945
Consumption and Residual						
Bangladesh	35,200	35,400	35,700	36,000	36,400	36,500
Brazil	7,650	7,350	7,300	7,450	7,450	7,450
Burma	10,200	10,250	10,400	10,550	10,700	10,700
Cambodia	4,200	4,300	4,350	4,450	4,500	4,500
China	142,509	142,920	145,230	150,278	155,700	155,700
Egypt	4,200	4,200	4,300	4,300	4,300	4,250
India	98,669	99,160	101,984	102,670	108,000	105,000
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	3,900	3,950
Nepal	4,101	4,376	4,506	4,696	4,850	4,850
Nigeria	6,750	6,800	6,850	6,900	6,950	6,950
Philippines	13,250	14,100	14,300	14,450	14,500	14,500
Thailand	11,000	11,800	12,300	12,700	12,900	13,000
Vietnam	21,500	21,200	21,250	21,200	21,300	21,300
Others	66,785	68,668	70,588	70,815	72,185	72,280
Subtotal	476,867	479,793	488,561	497,167	509,458	507,398
United States	4,299	4,577	4,586	4,849	4,795	4,669
World Total	481,166	484,370	493,147	502,016	514,253	512,067
Ending Stocks						
Bangladesh	1,500	1,405	1,571	1,537	2,083	2,083
China	109,000	115,000	116,500	116,500	111,000	111,000
India	22,600	29,500	33,900	34,500	22,900	34,500
Indonesia	5,563	4,063	3,313	3,413	3,763	3,763
Philippines	2,288	3,520	3,597	3,663	3,607	3,563
Thailand	2,852	4,080	3,979	4,709	4,809	4,909
Vietnam	1,034	1,097	1,180	2,318	2,218	2,218
Others	17,967	16,520	16,803	17,942	18,579	18,726
Subtotal	162,804	175,185	180,843	184,582	168,959	180,762
United States	933	1,424	910	1,387	1,184	1,085
World Total	163,737	176,609	181,753	185,969	170,143	181,847

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	Aug 2021/22	Sep 2021/22
TY Imports						
North America	2,075	2,143	2,530	2,380	2,470	2,470
Caribbean	1,067	1,076	1,211	1,120	1,165	1,165
South America	1,947	1,939	2,222	1,876	1,867	1,867
Other Europe	647	707	777	760	775	775
Former Soviet Union - 12	555	550	517	508	499	499
Middle East	6,655	7,208	6,957	6,825	7,085	7,085
North Africa	591	1,022	579	735	805	1,105
Sub-Saharan Africa	14,589	13,837	14,346	14,930	15,690	15,540
East Asia	6,141	4,404	4,805	5,630	5,295	5,295
South Asia	2,644	951	1,340	3,543	1,995	2,095
Southeast Asia	6,795	5,815	5,399	5,637	4,937	4,937
European Union	1,633	1,799	1,994	1,850	2,000	2,000
Total	46,267	42,317	43,735	46,724	45,553	45,783
Production						
North America	5,842	7,295	6,052	7,436	6,490	6,273
Caribbean	932	1,010	927	904	916	916
South America	16,945	16,037	16,361	17,038	17,235	17,235
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	2,841	2,841
North Africa	4,340	2,844	4,345	4,042	3,495	2,945
Sub-Saharan Africa	17,102	18,931	19,849	18,936	19,408	19,592
East Asia	163,420	162,732	161,159	161,998	162,935	162,981
South Asia	158,759	165,688	169,414	172,543	172,958	173,958
Southeast Asia	120,044	116,064	113,198	116,068	116,701	116,701
Total	494,478	497,242	498,291	506,232	507,449	507,945
Domestic Consumption						
North America	5,577	5,912	5,981	6,224	6,195	6,069
Central America	1,342	1,358	1,400	1,381	1,415	1,410
Caribbean	1,984	2,111	1,991	2,006	2,046	2,046
South America	15,045	14,885	14,889	15,126	15,175	15,175
European Union	3,121	3,246	3,394	3,400	3,450	3,450
Former Soviet Union - 12	1,603	1,587	1,595	1,621	1,606	1,606
Middle East	9,018	9,207	9,426	9,360	9,630	9,630
North Africa	4,620	4,591	4,604	4,677	4,650	4,600
Sub-Saharan Africa	31,247	33,048	33,654	33,807	34,554	34,554
East Asia	159,061	158,933	161,013	165,606	170,860	170,910
South Asia	144,670	145,523	149,328	150,779	156,860	154,060
Southeast Asia	102,274	102,952	103,718	104,266	104,651	104,751
Total	480,659	484,373	492,094	499,358	512,230	509,399
Ending Stocks						
North America	1,084	1,578	1,085	1,597	1,438	1,339
Central America	299	281	279	238	316	294
Caribbean	275	303	327	335	360	360
South America	2,166	1,867	1,531	2,188	2,355	2,350
European Union	1,176	1,189	1,255	1,108	1,002	1,002
Middle East	1,004	1,183	1,732	1,783	1,849	1,849
North Africa	1,563	949	1,232	1,277	892	822
Sub-Saharan Africa	3,192	2,991	2,408	2,037	2,037	2,195
East Asia	113,196	118,766	120,224	119,989	114,684	114,680
South Asia	25,847	32,420	37,357	38,720	28,054	39,754
Southeast Asia	13,557	14,880	14,112	16,351	16,762	16,808
Oceania	232	52	15	115	201	201
Total	163,737	176,609	181,753	185,969	170,143	181,847

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 Aug	2021/22 Sep
TY Exports						
Argentina	27,208	36,134	42,946	39,805	44,505	45,505
Australia	7,156	4,049	3,632	8,670	7,375	7,975
Brazil	25,121	38,812	34,141	28,025	34,025	33,025
Canada	5,753	5,805	5,278	6,950	5,460	4,560
European Union	8,885	10,412	13,492	11,424	11,145	11,445
Paraguay	1,485	2,568	2,089	2,610	2,710	2,710
Russia	11,379	7,402	9,292	9,610	10,150	9,950
Serbia	878	2,906	3,201	3,591	2,481	2,101
South Africa	2,368	1,190	2,465	3,010	3,210	3,210
Ukraine	21,438	34,874	34,088	28,410	37,925	38,125
Others	11,710	10,959	11,374	12,970	10,662	10,777
Subtotal	123,381	155,111	161,998	155,075	169,648	169,383
United States	68,633	51,838	52,589	77,174	69,510	71,010
World Total	192,014	206,949	214,587	232,249	239,158	240,393
TY Imports						
Algeria	4,492	5,284	5,672	5,620	5,710	5,710
Bangladesh	1,145	1,385	2,010	2,310	1,910	1,910
Brazil	1,527	1,797	1,987	2,900	3,400	3,400
Canada	1,837	2,570	1,972	1,997	2,112	3,112
Chile	1,976	2,431	2,838	2,980	3,290	3,190
China	16,425	10,540	17,480	45,900	45,700	45,700
Colombia	5,582	6,390	6,285	6,321	6,580	6,580
Egypt	9,541	9,568	10,444	10,010	10,020	10,020
European Union	19,311	26,290	18,675	15,375	16,385	16,385
Guatemala	1,091	1,224	1,527	1,500	1,700	1,700
Iran	11,600	12,200	9,100	8,600	8,000	8,000
Israel	2,145	1,896	2,397	2,360	2,610	2,610
Japan	17,563	17,726	17,633	16,942	17,240	17,240
Jordan	1,422	1,666	1,506	1,550	1,800	1,800
Korea, South	10,192	10,964	11,978	11,592	11,610	11,610
Malaysia	3,668	3,690	3,806	4,025	4,025	4,025
Mexico	16,396	17,415	17,576	17,050	17,000	17,500
Morocco	2,647	3,028	4,052	3,259	3,107	3,107
Peru	3,487	3,843	3,974	4,180	4,385	4,385
Saudi Arabia	11,692	9,368	11,825	11,210	11,210	11,210
Taiwan	4,513	4,610	4,660	4,485	4,485	4,485
Thailand	847	1,406	2,287	3,050	2,600	2,800
Turkey	4,184	4,044	4,011	2,800	4,600	4,800
United Kingdom	2,621	3,079	2,655	2,993	2,526	2,526
Vietnam	9,577	11,033	12,198	12,700	13,100	13,300
Others	22,351	23,223	24,718	24,502	25,071	24,932
Subtotal	187,832	196,670	203,266	226,211	230,176	232,037
Unaccounted	1,256	7,654	8,329	3,507	6,671	6,095
United States	2,926	2,625	2,992	2,531	2,311	2,261
World Total	192,014	206,949	214,587	232,249	239,158	240,393

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 Aug	2021/22 Sep
Production						
Argentina	39,320	59,223	58,125	58,547	60,772	62,776
Australia	12,191	11,507	11,901	16,447	14,702	15,702
Brazil	85,058	104,334	105,815	89,962	122,023	122,023
Canada	26,243	26,203	28,611	29,644	26,150	24,870
China	265,719	263,942	268,179	268,020	275,400	280,400
Ethiopia	16,130	16,557	17,166	17,250	17,250	17,250
European Union	143,907	140,675	152,735	154,042	153,450	153,650
India	46,943	43,212	47,660	51,210	49,050	49,070
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
Mexico	33,191	33,470	32,095	31,963	33,750	33,750
Nigeria	18,859	19,840	19,665	18,570	19,800	19,800
Russia	41,715	34,998	40,495	41,396	41,900	39,900
South Africa	13,552	12,417	16,367	17,853	17,563	17,613
Turkey	12,271	13,251	14,451	15,761	11,931	11,931
Ukraine	34,071	44,503	46,545	39,585	50,315	50,815
Others	174,979	187,690	184,025	190,564	190,065	189,665
Subtotal	976,049	1,023,822	1,055,835	1,052,614	1,096,121	1,101,215
United States	384,387	377,905	359,434	374,568	388,282	395,672
World Total	1,360,436	1,401,727	1,415,269	1,427,182	1,484,403	1,496,887
Domestic Consumption						
Argentina	17,513	18,091	17,775	17,862	18,617	18,621
Brazil	67,181	70,983	72,844	72,555	77,726	77,726
Canada	23,126	24,114	24,931	24,680	23,600	24,540
China	282,598	287,012	295,070	311,400	321,300	321,700
Egypt	16,779	17,136	17,964	17,465	17,478	17,478
Ethiopia	16,152	16,658	17,225	17,375	17,375	17,375
European Union	152,900	158,474	158,628	159,288	158,201	158,001
India	44,769	44,571	45,775	47,700	48,750	48,770
Japan	17,642	17,953	17,867	17,222	17,721	17,721
Mexico	48,410	50,505	50,310	49,315	50,090	50,290
Nigeria	19,550	20,069	19,900	19,000	20,050	20,050
Russia	31,015	27,367	31,387	31,142	32,400	30,650
South Africa	12,779	13,114	12,832	13,673	14,038	14,053
Turkey	15,361	16,651	17,761	18,351	16,821	17,021
Vietnam	13,777	14,333	14,750	17,200	17,150	17,350
Others	274,751	285,780	289,020	297,760	300,761	300,887
Subtotal	1,049,943	1,099,650	1,109,936	1,128,255	1,166,308	1,168,564
United States	324,417	322,984	320,728	318,948	318,634	321,065
World Total	1,374,360	1,422,634	1,430,664	1,447,203	1,484,942	1,489,629
Ending Stocks						
Argentina	3,366	3,622	4,676	3,261	3,516	3,716
Brazil	9,707	5,671	5,723	5,205	8,877	8,877
Canada	4,563	3,288	3,982	3,733	3,214	2,615
China	222,994	210,396	200,944	203,444	198,784	207,794
European Union	16,235	14,507	14,387	13,492	14,013	14,106
Mexico	6,181	5,784	4,138	3,094	3,022	3,353
South Africa	2,909	1,346	2,439	3,454	4,038	3,844
Others	49,006	46,888	48,459	48,245	41,984	41,284
Subtotal	314,961	291,502	284,748	283,928	277,448	285,589
United States	57,919	60,471	51,830	32,629	33,561	38,226
World Total	372,880	351,973	336,578	316,557	311,009	323,815

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Aug 2021/22	Sep 2021/22
TY Imports						
North America	21,159	22,610	22,540	21,578	21,423	22,873
Central America	4,001	4,352	4,904	5,000	5,300	5,300
Caribbean	2,446	2,379	2,275	2,423	2,633	2,633
South America	14,835	15,654	16,874	17,971	19,385	19,285
European Union	19,311	26,290	18,675	15,375	16,385	16,385
Former Soviet Union - 12	701	1,025	1,134	801	1,108	1,009
Middle East	35,950	34,061	34,003	31,971	33,461	33,661
North Africa	19,245	20,875	23,565	22,189	21,937	21,937
Sub-Saharan Africa	3,287	3,493	3,861	4,013	3,598	3,568
East Asia	48,740	43,903	51,810	78,969	79,085	79,085
Southeast Asia	15,552	17,874	19,960	21,320	21,565	21,965
Others	5,531	6,779	6,657	7,132	6,607	6,597
Total	190,758	199,295	206,258	228,742	232,487	234,298
Production						
North America	443,821	437,578	420,140	436,175	448,182	454,292
South America	139,324	179,181	178,560	162,228	197,880	199,884
European Union	143,907	140,675	152,735	154,042	153,450	153,650
Other Europe	15,480	18,647	20,729	21,615	18,868	18,293
Former Soviet Union - 12	88,881	93,534	101,441	94,590	105,176	103,951
Middle East	19,357	19,435	24,127	25,445	19,835	19,835
North Africa	11,463	13,190	11,593	10,579	12,669	12,669
Sub-Saharan Africa	117,110	122,778	120,463	126,781	128,817	128,867
East Asia	268,365	267,282	271,316	270,744	278,201	283,201
South Asia	60,202	57,708	63,353	68,202	66,257	66,277
Southeast Asia	34,841	34,883	33,642	35,187	34,870	34,770
Oceania	12,700	12,103	12,508	16,999	15,313	16,313
Others	4,985	4,733	4,662	4,595	4,885	4,885
Total	1,360,436	1,401,727	1,415,269	1,427,182	1,484,403	1,496,887
Domestic Consumption						
North America	395,953	397,603	395,969	392,943	392,324	395,895
South America	110,739	115,543	117,723	117,586	124,458	124,362
European Union	152,900	158,474	158,628	159,288	158,201	158,001
Other Europe	17,256	18,161	18,560	20,646	18,637	18,487
Former Soviet Union - 12	54,607	51,042	56,331	56,688	57,322	55,798
Middle East	54,733	54,897	56,220	56,478	54,457	54,757
North Africa	31,665	32,563	35,509	33,477	34,635	34,635
Sub-Saharan Africa	117,878	125,037	121,826	125,050	127,618	127,733
East Asia	317,259	323,594	332,368	347,302	358,114	358,514
South Asia	60,446	60,954	63,054	67,032	68,661	68,681
Southeast Asia	47,320	48,199	48,301	53,768	54,313	54,613
Oceania	6,482	8,138	8,328	8,520	9,441	9,291
Others	11,482	11,590	11,950	12,158	12,531	12,531
Total	1,378,720	1,405,795	1,424,767	1,450,936	1,470,712	1,473,298
Ending Stocks						
North America	68,663	69,543	59,950	39,456	39,797	44,194
South America	16,793	12,879	13,623	11,060	14,925	15,087
European Union	16,235	14,507	14,387	13,492	14,013	14,106
Other Europe	2,354	2,827	2,995	2,655	2,450	2,282
Former Soviet Union - 12	5,943	4,977	6,396	5,663	5,156	5,081
Middle East	7,199	5,566	6,520	6,410	4,716	4,809
North Africa	3,324	3,777	3,846	3,374	3,340	3,340
Sub-Saharan Africa	12,832	11,274	9,987	11,467	11,963	11,776
East Asia	227,462	214,978	205,695	208,086	202,798	211,808
South Asia	5,142	3,774	4,975	5,679	4,454	4,465
Southeast Asia	3,241	4,146	4,271	5,399	3,890	3,574
Oceania	2,391	2,516	2,978	3,021	2,426	2,226
Others	1,301	1,209	955	795	1,081	1,067
Total	372,880	351,973	336,578	316,557	311,009	323,815

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 Aug	2021/22 Sep
TY Exports						
Argentina	24,198	32,879	39,917	35,500	38,500	39,500
Brazil	25,116	38,773	34,137	28,000	34,000	33,000
Burma	1,350	1,500	2,209	1,750	1,600	1,600
European Union	2,732	4,273	5,388	3,300	3,800	3,800
India	1,076	482	1,125	3,500	1,700	1,700
Paraguay	1,476	2,559	2,081	2,600	2,700	2,700
Russia	5,532	2,770	4,072	3,800	5,000	4,800
Serbia	819	2,836	3,123	3,500	2,400	2,000
South Africa	2,361	1,183	2,456	3,000	3,200	3,200
Ukraine	18,036	30,321	28,929	23,600	32,000	32,000
Others	8,017	6,666	5,352	5,708	5,486	5,601
Subtotal	90,713	124,242	128,789	114,258	130,386	129,901
United States	63,657	49,297	46,992	69,500	61,000	62,500
World Total	154,370	173,539	175,781	183,758	191,386	192,401
TY Imports						
Algeria	4,046	4,816	5,156	4,800	5,000	5,000
Bangladesh	1,145	1,358	2,003	2,300	1,900	1,900
Brazil	943	1,189	1,338	2,300	2,700	2,700
Canada	1,767	2,521	1,867	1,700	2,000	3,000
Chile	1,893	2,292	2,751	2,700	3,000	3,000
China	3,456	4,483	7,580	26,000	26,000	26,000
Colombia	5,201	6,048	5,976	6,000	6,200	6,200
Dominican Republic	1,329	1,536	1,354	1,400	1,400	1,400
Egypt	9,464	9,367	10,432	10,000	10,000	10,000
European Union	17,667	23,583	17,384	14,000	15,000	15,000
Guatemala	1,091	1,224	1,527	1,500	1,700	1,700
Iran	8,900	9,000	6,800	6,000	6,000	6,000
Israel	1,861	1,611	1,992	2,000	2,200	2,200
Japan	15,668	16,050	15,888	15,400	15,600	15,600
Korea, South	10,018	10,856	11,882	11,500	11,500	11,500
Malaysia	3,645	3,674	3,777	4,000	4,000	4,000
Mexico	16,129	16,658	16,526	16,500	16,500	17,000
Morocco	2,283	2,728	2,963	2,700	2,800	2,800
Peru	3,402	3,694	3,822	4,000	4,200	4,200
Saudi Arabia	3,983	3,662	4,517	3,700	3,700	3,700
Taiwan	4,410	4,508	4,580	4,400	4,400	4,400
Thailand	700	1,200	1,602	1,900	1,500	1,600
Turkey	3,410	3,669	3,004	2,100	3,600	3,600
United Kingdom	2,470	2,949	2,515	2,850	2,400	2,400
Vietnam	9,400	10,900	12,000	12,000	12,500	12,500
Others	17,374	17,568	19,460	18,789	19,791	19,781
Subtotal	151,655	167,144	168,696	180,539	185,591	187,181
Unaccounted	1,877	5,595	6,126	2,569	5,145	4,570
United States	838	800	959	650	650	650
World Total	154,370	173,539	175,781	183,758	191,386	192,401

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 Aug	2021/22 Sep
Production						
Argentina	32,000	51,000	51,000	50,000	51,000	53,000
Brazil	82,000	101,000	102,000	86,000	118,000	118,000
Canada	14,096	13,885	13,404	13,563	13,600	13,600
China	259,071	257,174	260,779	260,670	268,000	273,000
Ethiopia	8,007	8,350	8,500	8,600	8,600	8,600
European Union	62,021	64,351	66,735	64,469	65,500	65,500
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	27,000	28,000	28,000
Nigeria	10,420	11,000	11,000	10,000	11,000	11,000
Pakistan	5,902	6,826	7,236	7,800	7,600	7,600
Philippines	7,980	7,608	8,030	8,352	8,000	8,000
Russia	13,201	11,415	14,275	13,872	16,500	15,500
South Africa	13,104	11,824	15,844	17,000	17,000	17,000
Ukraine	24,115	35,805	35,887	30,297	39,000	39,000
Others	108,220	115,318	110,583	115,929	117,640	117,040
Subtotal	708,359	762,942	772,697	756,862	811,440	816,840
United States	371,096	364,262	345,962	360,252	374,677	380,927
World Total	1,079,455	1,127,204	1,118,659	1,117,114	1,186,117	1,197,767
Total Consumption						
Argentina	12,400	13,800	13,500	14,000	14,500	14,500
Brazil	63,500	67,000	68,500	68,000	73,000	73,000
Canada	13,909	15,088	13,959	14,000	14,800	15,800
China	263,000	274,000	278,000	285,000	294,000	294,000
Egypt	15,900	16,200	16,900	16,600	16,600	16,600
European Union	75,200	85,000	78,800	75,800	76,300	76,300
India	26,700	28,500	27,200	28,000	29,400	29,400
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	11,400	11,800	11,800
Mexico	42,500	44,100	43,800	43,700	44,000	44,200
Nigeria	11,100	11,300	11,250	10,450	11,400	11,400
Russia	8,300	8,500	9,800	10,100	11,800	11,100
South Africa	12,230	12,536	12,200	13,000	13,300	13,300
Vietnam	13,600	14,200	14,550	16,500	16,550	16,550
Others	182,848	189,624	192,023	197,708	201,230	201,125
Subtotal	775,841	835,673	825,625	826,952	871,073	873,553
United States	313,991	310,391	309,547	309,768	311,165	313,070
World Total	1,089,832	1,146,064	1,135,172	1,136,720	1,182,238	1,186,623
Ending Stocks						
Argentina	2,407	2,367	3,619	2,124	2,429	2,629
Brazil	9,315	5,311	5,230	4,730	8,430	8,430
Canada	2,417	1,979	2,559	2,292	2,122	2,092
China	222,541	210,179	200,526	202,186	198,156	207,166
European Union	8,983	7,644	7,575	6,944	7,344	7,344
Mexico	5,649	5,160	3,515	2,615	2,415	2,715
South Africa	2,672	1,020	2,117	2,917	3,617	3,417
Others	33,110	32,531	32,190	32,524	28,563	28,059
Subtotal	287,094	266,191	257,331	256,332	253,076	261,852
United States	54,367	56,410	48,757	30,150	31,556	35,774
World Total	341,461	322,601	306,088	286,482	284,632	297,626

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Aug 2021/22	Sep 2021/22
TY Imports						
North America	18,734	19,979	19,352	18,850	19,150	20,650
Central America	4,001	4,352	4,904	5,000	5,300	5,300
South America	13,567	14,317	15,572	16,510	17,760	17,760
European Union	17,667	23,583	17,384	14,000	15,000	15,000
Former Soviet Union - 12	440	588	564	339	650	650
Middle East	22,130	22,038	21,005	18,440	20,110	20,110
North Africa	17,246	18,531	20,306	19,100	19,500	19,500
Sub-Saharan Africa	2,480	2,792	3,114	3,163	2,760	2,760
East Asia	33,599	35,960	39,989	57,350	57,550	57,550
Southeast Asia	15,183	17,483	19,007	19,415	19,815	19,915
Caribbean	2,446	2,377	2,275	2,420	2,630	2,630
Others	5,000	5,944	6,183	6,602	6,016	6,006
Total	152,493	167,944	169,655	181,189	186,241	187,831
Production						
North America	412,761	405,818	386,024	400,815	416,277	422,527
South America	126,174	164,763	164,713	146,459	180,730	182,730
European Union	62,021	64,351	66,735	64,469	65,500	65,500
Other Europe	5,385	9,426	9,430	10,206	8,280	7,680
Former Soviet Union - 12	42,257	53,119	56,055	49,412	61,505	60,605
Middle East	6,966	7,319	7,945	9,060	8,319	8,319
North Africa	6,523	6,919	6,441	6,521	6,521	6,521
Sub-Saharan Africa	75,252	74,636	76,375	80,083	82,607	82,607
East Asia	261,417	260,184	263,488	263,026	270,459	275,459
South Asia	40,972	41,202	43,318	47,343	46,083	46,083
Central America	3,866	3,577	3,551	3,494	3,861	3,861
Southeast Asia	34,551	34,593	33,352	34,897	34,580	34,480
Others	1,310	1,297	1,232	1,329	1,395	1,395
Total	1,079,455	1,127,204	1,118,659	1,117,114	1,186,117	1,197,767
Domestic Consumption						
North America	370,400	369,579	367,306	367,468	369,965	373,070
South America	98,398	103,926	105,602	105,410	111,600	111,600
European Union	75,200	85,000	78,800	75,800	76,300	76,300
Other Europe	7,987	9,453	9,261	10,047	9,185	9,035
Former Soviet Union - 12	19,202	20,312	21,940	22,905	24,455	23,700
Middle East	27,919	28,778	28,114	27,460	28,715	28,715
North Africa	24,400	24,600	27,190	26,200	26,200	26,200
Sub-Saharan Africa	74,831	76,930	76,592	77,982	80,565	80,665
East Asia	295,227	308,273	313,004	318,750	328,600	328,600
South Asia	41,206	43,799	43,314	46,150	48,160	48,160
Southeast Asia	46,667	47,519	47,066	51,570	52,275	52,275
Central America	7,830	8,070	8,450	8,650	8,860	8,860
Others	3,911	3,847	3,735	3,834	4,115	4,115
Total	1,093,178	1,130,086	1,130,374	1,142,226	1,168,995	1,171,295
Ending Stocks						
North America	62,433	63,549	54,831	35,057	36,093	40,581
South America	15,071	10,838	11,621	8,971	12,936	13,106
European Union	8,983	7,644	7,575	6,944	7,344	7,344
Other Europe	925	1,434	1,314	1,314	957	794
Former Soviet Union - 12	2,582	2,200	3,264	2,482	2,643	2,487
Middle East	3,213	2,919	3,196	3,115	2,480	2,569
North Africa	2,462	2,473	2,379	2,090	1,906	1,906
Sub-Saharan Africa	10,648	8,647	7,997	9,355	10,128	9,954
East Asia	226,591	214,436	204,897	206,513	201,892	210,902
South Asia	3,928	3,034	3,734	4,370	3,208	3,268
Southeast Asia	3,230	4,135	4,262	5,390	3,881	3,565
Central America	1,041	948	793	623	923	909
Others	354	344	225	258	241	241
Total	341,461	322,601	306,088	286,482	284,632	297,626

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 Aug	2021/22 Sep
TY Exports						
Argentina	2,537	3,001	2,598	2,900	3,500	3,500
Australia	6,088	3,666	3,231	7,200	6,400	7,000
Canada	1,868	2,269	2,520	3,300	2,700	2,000
European Union	5,894	5,809	7,579	7,800	7,000	7,300
Kazakhstan	1,411	1,762	1,292	1,050	800	800
Russia	5,661	4,320	5,141	5,600	5,000	5,000
Syria	0	0	250	180	150	150
Ukraine	3,188	4,407	4,990	4,700	5,800	6,000
United Kingdom	896	1,538	1,397	1,300	1,100	1,100
Uruguay	12	62	41	250	225	225
Others	343	246	144	414	222	242
Subtotal	27,898	27,080	29,183	34,694	32,897	33,317
United States	102	101	155	330	175	175
World Total	28,000	27,181	29,338	35,024	33,072	33,492
TY Imports						
Algeria	439	467	503	800	700	700
Brazil	584	608	647	600	700	700
China	8,144	5,181	5,969	11,300	9,600	9,600
Colombia	324	341	308	320	350	350
European Union	979	1,762	1,089	1,200	1,300	1,300
Iran	2,700	3,200	2,300	2,600	2,000	2,000
Israel	234	236	358	300	350	350
Japan	1,253	1,158	1,253	1,150	1,250	1,250
Jordan	788	928	564	700	800	800
Kuwait	521	474	522	400	500	500
Libya	438	888	891	900	700	700
Mexico	1	82	346	350	350	350
Morocco	363	299	1,073	550	300	300
Qatar	229	288	349	400	450	450
Saudi Arabia	7,700	5,700	7,300	7,500	7,500	7,500
Thailand	147	206	685	1,150	1,100	1,200
Tunisia	674	487	751	800	700	700
Turkey	774	375	1,007	700	1,000	1,200
United Arab Emirates	263	476	443	470	500	500
Vietnam	177	133	198	700	600	800
Others	1,551	1,846	1,309	1,784	1,469	1,369
Subtotal	28,283	25,135	27,865	34,674	32,219	32,619
Unaccounted	-453	1,913	1,316	200	703	723
United States	170	133	157	150	150	150
World Total	28,000	27,181	29,338	35,024	33,072	33,492

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 Aug	2021/22 Sep
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	11,000	12,000
Canada	7,891	8,380	10,383	10,741	8,800	7,800
Ethiopia	2,032	2,200	2,300	2,350	2,350	2,350
European Union	51,482	49,470	55,271	55,491	54,400	54,600
India	1,747	1,781	1,633	1,720	1,650	1,670
Iran	3,100	2,800	3,600	3,750	3,000	3,000
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	19,000	18,000
Turkey	6,400	7,000	7,900	8,100	5,000	5,000
Ukraine	8,695	7,604	9,528	7,947	10,000	10,500
United Kingdom	7,169	6,510	8,048	8,117	7,200	7,200
Others	10,661	10,101	12,942	12,604	11,756	11,881
Subtotal	140,096	136,082	154,062	156,643	147,136	146,981
United States	3,119	3,343	3,756	3,600	2,298	2,298
World Total	143,215	139,425	157,818	160,243	149,434	149,279
Total Consumption						
Algeria	1,850	2,000	2,350	2,650	2,550	2,550
Australia	3,700	5,000	6,000	6,000	5,900	6,000
Canada	6,805	6,508	8,108	7,756	6,400	6,400
China	9,300	6,200	6,700	11,600	10,700	11,100
Ethiopia	2,225	2,225	2,325	2,375	2,375	2,375
European Union	46,900	45,600	49,500	49,550	48,800	48,600
India	1,950	1,900	1,850	1,900	1,800	1,820
Iran	6,000	6,200	6,400	6,000	5,300	5,300
Kazakhstan	2,150	2,150	2,400	2,550	2,100	2,100
Morocco	2,800	2,900	2,500	1,200	2,700	2,700
Russia	14,500	12,200	15,400	14,400	14,300	13,300
Saudi Arabia	8,525	7,025	7,025	7,425	7,525	7,525
Turkey	6,700	7,500	8,500	8,990	6,200	6,400
Ukraine	4,500	4,200	4,500	4,000	4,200	4,400
United Kingdom	6,201	5,666	5,986	7,271	6,045	6,045
Others	18,886	19,231	21,913	23,060	23,003	23,403
Subtotal	141,998	137,244	151,640	157,530	150,555	150,660
United States	3,466	3,537	3,922	3,627	2,720	2,612
World Total	145,464	140,781	155,562	161,157	153,275	153,272
Ending Stocks						
Algeria	517	790	998	993	743	743
Argentina	388	723	718	818	718	718
Australia	1,776	1,908	2,711	2,511	1,711	1,511
European Union	5,592	5,457	5,298	5,050	5,039	5,050
Saudi Arabia	1,841	1,327	1,016	1,102	1,088	1,088
Ukraine	1,149	1,008	1,053	909	720	1,019
United Kingdom	1,076	1,091	1,357	992	1,127	1,127
Others	7,031	5,883	7,429	7,476	5,694	4,960
Subtotal	19,370	18,187	20,580	19,851	16,840	16,216
United States	2,057	1,884	1,747	1,562	1,161	1,204
World Total	21,427	20,071	22,327	21,413	18,001	17,420

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Aug 2021/22	Sep 2021/22
TY Imports						
North America	227	253	589	780	600	600
South America	1,082	1,179	1,168	1,110	1,230	1,230
European Union	979	1,762	1,089	1,200	1,300	1,300
Other Europe	183	252	175	178	163	163
Former Soviet Union - 12	229	395	464	444	451	351
Middle East	13,758	11,967	12,942	13,460	13,280	13,480
North Africa	1,990	2,342	3,225	3,060	2,420	2,420
Sub-Saharan Africa	49	28	67	35	30	30
East Asia	9,499	6,441	7,324	12,547	10,960	10,960
South Asia	114	296	89	120	225	225
Oceania	19	14	7	40	10	10
Total	28,453	25,268	28,022	34,824	32,369	32,769
Production						
North America	12,015	12,719	15,149	15,241	12,058	11,058
South America	4,862	6,551	5,326	6,203	6,514	6,514
European Union	51,482	49,470	55,271	55,491	54,400	54,600
Other Europe	8,487	7,766	9,429	9,598	8,697	8,722
Former Soviet Union - 12	35,563	31,225	36,512	35,356	34,595	34,195
Middle East	11,352	11,069	15,194	15,390	10,493	10,493
North Africa	4,041	5,387	4,281	3,158	5,238	5,238
Sub-Saharan Africa	2,537	2,820	2,840	3,138	2,845	2,845
East Asia	1,381	1,283	1,324	1,264	1,238	1,238
South Asia	1,943	1,936	1,981	2,066	1,956	1,976
Oceania	9,552	9,199	10,511	13,338	11,400	12,400
Total	143,215	139,425	157,818	160,243	149,434	149,279
Domestic Consumption						
North America	11,281	11,095	13,330	12,683	10,420	10,312
South America	3,780	4,016	4,098	4,003	4,159	4,159
European Union	46,900	45,600	49,500	49,550	48,800	48,600
Other Europe	7,565	7,027	7,375	8,745	7,539	7,539
Former Soviet Union - 12	24,589	21,784	25,763	24,353	23,986	23,186
Middle East	25,727	25,012	27,056	27,952	24,658	24,958
North Africa	6,359	7,076	7,419	6,345	7,508	7,508
Sub-Saharan Africa	2,755	2,760	2,902	2,962	2,980	2,980
East Asia	10,914	7,845	8,440	13,267	12,435	12,835
South Asia	2,214	2,103	2,221	2,264	2,133	2,153
Oceania	4,050	5,385	6,390	6,380	6,300	6,400
Total	146,458	140,042	155,379	160,354	152,618	152,630
Ending Stocks						
North America	3,716	3,109	3,166	2,685	2,281	1,837
South America	705	1,157	1,131	1,168	1,035	1,028
European Union	5,592	5,457	5,298	5,050	5,039	5,050
Other Europe	1,229	1,227	1,525	1,132	1,279	1,274
Former Soviet Union - 12	2,569	2,311	2,575	2,537	1,915	2,014
Middle East	3,956	2,617	3,304	3,275	2,206	2,210
North Africa	806	1,249	1,420	1,240	1,390	1,390
Sub-Saharan Africa	308	375	353	541	431	421
East Asia	469	348	556	1,100	463	463
South Asia	253	264	235	123	190	161
Oceania	1,813	1,946	2,755	2,553	1,763	1,563
Total	21,427	20,071	22,327	21,413	18,001	17,420

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 Aug	2021/22 Sep
TY Exports						
Argentina	473	254	426	1,400	2,500	2,500
Australia	449	91	107	1,000	500	500
Bolivia	21	18	8	40	50	50
Ethiopia	75	75	75	75	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	217	213	213
Subtotal	1,710	923	986	2,937	3,538	3,538
United States	4,839	2,410	5,404	7,300	8,300	8,300
World Total	6,549	3,333	6,390	10,237	11,838	11,838
TY Imports						
Chile	49	73	36	50	70	70
China	4,436	652	3,709	8,300	9,800	9,800
Ethiopia	6	6	61	40	50	50
Japan	577	449	426	320	320	320
Kenya	141	109	52	200	170	170
Mexico	98	546	567	40	50	50
Somalia	80	85	80	50	50	50
South Sudan	148	26	81	150	150	150
Sudan	150	160	150	100	100	100
Taiwan	64	70	40	50	50	50
Others	957	1,067	420	395	414	414
Subtotal	6,706	3,243	5,622	9,695	11,224	11,224
Unaccounted	-208	89	767	541	613	613
United States	51	1	1	1	1	1
World Total	6,549	3,333	6,390	10,237	11,838	11,838

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 Aug	2021/22 Sep
Production						
Argentina	3,000	2,500	2,500	3,400	4,150	4,150
Australia	1,257	1,160	297	1,350	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	1,560	1,700	1,700
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	5,200	5,200	5,200
India	4,803	3,480	4,772	4,780	4,600	4,600
Mali	1,423	1,470	1,511	1,801	1,500	1,500
Mexico	4,545	4,700	4,328	4,000	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	5,000	5,000	5,000
Others	6,842	7,526	7,481	7,618	7,531	7,531
Subtotal	48,787	50,269	49,610	52,763	54,231	54,231
United States	9,192	9,271	8,673	9,474	10,399	11,539
World Total	57,979	59,540	58,283	62,237	64,630	65,770
Total Consumption						
Argentina	3,100	2,150	2,050	1,800	1,900	1,900
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	1,700	1,700	1,700
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	11,600	13,400	13,400
Ethiopia	5,000	5,000	5,300	5,300	5,300	5,300
European Union	950	1,524	978	1,013	951	951
India	4,600	3,550	4,500	4,550	4,700	4,700
Mali	1,450	1,470	1,500	1,700	1,600	1,600
Mexico	4,700	5,100	5,000	4,100	4,600	4,600
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	4,850	5,050	5,050
Others	8,259	8,747	7,653	7,842	8,595	8,345
Subtotal	54,657	52,475	55,569	59,707	62,517	62,267
United States	4,119	6,212	4,365	2,667	2,159	2,921
World Total	58,776	58,687	59,934	62,374	64,676	65,188
Ending Stocks						
Argentina	515	454	266	266	316	316
Australia	273	287	34	84	334	334
Brazil	250	194	293	305	285	285
China	105	17	97	337	307	307
Ethiopia	664	619	571	436	336	336
India	274	153	394	574	444	424
Sudan	386	631	110	310	310	310
Others	1,354	1,587	1,379	1,126	1,203	1,217
Subtotal	3,821	3,942	3,144	3,438	3,535	3,529
United States	885	1,617	764	333	446	824
World Total	4,706	5,559	3,908	3,771	3,981	4,353

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Aug 2021/22	Sep 2021/22
TY Imports						
North America	149	547	568	41	51	51
South America	111	80	45	68	115	115
European Union	484	666	89	15	30	30
Other Europe	27	22	25	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	790	758	758
East Asia	5,139	1,175	4,180	8,676	10,175	10,175
Southeast Asia	22	36	41	30	25	25
Others	64	29	2	8	3	3
Total	6,757	3,244	5,623	9,696	11,225	11,225
Production						
North America	13,737	13,971	13,001	13,474	15,099	16,239
Central America	281	272	272	242	220	220
Caribbean	91	106	71	76	81	81
South America	6,420	5,918	6,252	7,458	8,191	8,191
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	29,383	27,643	28,854	28,787	28,787
East Asia	2,467	2,911	3,602	3,552	3,602	3,602
South Asia	4,957	3,629	4,912	4,925	4,750	4,750
Southeast Asia	50	50	50	50	50	50
Oceania	1,257	1,160	297	1,350	1,600	1,600
Others	183	194	192	107	140	140
Total	57,979	59,540	58,283	62,237	64,630	65,770
Domestic Consumption						
North America	8,819	11,312	9,365	6,767	6,759	7,521
Central America	281	275	272	245	222	222
Caribbean	91	108	71	79	84	84
South America	6,532	5,640	5,683	5,831	5,991	5,991
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	29,376	28,675	29,372	29,445	29,445
East Asia	7,605	4,156	7,657	11,988	13,777	13,777
South Asia	4,817	3,726	4,641	4,700	4,850	4,850
Southeast Asia	66	85	81	83	73	73
Oceania	800	1,050	300	300	1,100	850
Others	101	120	92	80	80	80
Total	58,903	58,608	59,018	61,647	64,535	65,047
Ending Stocks						
North America	998	1,876	917	396	628	1,036
Central America	12	9	9	6	4	4
South America	892	740	683	707	738	737
European Union	138	103	42	31	46	40
Middle East	0	0	0	0	0	0
North Africa	54	54	44	44	44	44
Sub-Saharan Africa	1,852	2,237	1,612	1,549	1,383	1,374
East Asia	157	38	134	364	334	334
South Asia	274	153	394	574	444	424
Oceania	273	287	34	84	334	334
Others	56	62	39	16	26	26
Total	4,706	5,559	3,908	3,771	3,981	4,353

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 Aug	2021/22 Sep
TY Exports						
Australia	550	250	245	400	400	400
Canada	1,685	1,665	1,899	2,000	1,600	1,400
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	20	17	17
Subtotal	2,493	2,302	2,605	2,711	2,457	2,257
United States	31	26	32	40	30	30
World Total	2,524	2,328	2,637	2,751	2,487	2,287
TY Imports						
Algeria	7	1	13	20	10	10
Chile	0	14	28	200	200	100
China	389	224	222	300	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	50	50	50
Korea, South	46	31	25	21	25	25
Malaysia	23	16	29	25	25	25
Mexico	168	129	137	160	100	100
Norway	21	93	45	15	25	25
Peru	29	41	45	50	50	50
South Africa	39	23	62	25	50	20
Switzerland	49	51	56	50	50	50
United Kingdom	14	28	28	25	20	20
Others	30	54	47	38	38	39
Subtotal	956	846	934	1,099	1,063	934
Unaccounted	25	85	112	122	124	103
United States	1,543	1,397	1,591	1,530	1,300	1,250
World Total	2,524	2,328	2,637	2,751	2,487	2,287

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 Aug	2021/22 Sep
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	370	375	350
Brazil	634	795	879	846	927	927
Canada	3,733	3,436	4,227	4,576	3,100	2,900
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	450
United Kingdom	875	850	1,076	1,031	1,100	1,100
Others	371	411	356	389	401	451
Subtotal	22,953	21,384	22,438	24,541	22,953	22,778
United States	720	815	773	949	601	601
World Total	23,673	22,199	23,211	25,490	23,554	23,379
Total Consumption						
Argentina	525	550	600	525	685	685
Australia	900	900	970	1,100	1,200	1,200
Belarus	460	375	370	370	370	350
Brazil	675	775	845	845	915	915
Canada	2,041	2,083	2,419	2,338	1,900	1,900
Chile	570	390	520	670	800	700
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	215	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	450
United Kingdom	838	867	992	956	1,000	1,000
Others	735	677	675	775	775	791
Subtotal	21,633	20,705	20,835	22,452	22,221	22,097
United States	2,358	2,326	2,344	2,358	2,081	2,001
World Total	23,991	23,031	23,179	24,810	24,302	24,098
Ending Stocks						
Australia	196	191	114	289	239	239
Canada	778	397	426	658	272	268
Chile	46	29	47	97	92	92
China	241	155	107	107	107	107
European Union	500	371	325	497	397	397
Russia	167	60	195	187	199	188
United Kingdom	138	116	106	164	169	169
Others	356	317	363	346	323	319
Subtotal	2,422	1,636	1,683	2,345	1,798	1,779
United States	595	549	534	552	370	399
World Total	3,017	2,185	2,217	2,897	2,168	2,178

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Aug 2021/22	Sep 2021/22
TY Imports						
North America	1,723	1,535	1,744	1,705	1,410	1,360
South America	75	78	89	283	280	180
European Union	39	58	113	40	50	50
Other Europe	90	178	136	98	105	105
Former Soviet Union - 12	4	31	6	5	3	4
Middle East	0	0	0	0	0	0
North Africa	8	2	27	27	15	15
Sub-Saharan Africa	39	23	62	25	50	20
East Asia	479	301	294	371	375	375
South Asia	19	21	25	50	50	50
Southeast Asia	23	16	29	25	25	25
Oceania	0	0	0	0	0	0
Total	2,499	2,243	2,525	2,629	2,363	2,184
Production						
North America	4,525	4,354	5,099	5,588	3,791	3,591
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	1,301	1,139	1,515	1,474	1,540	1,540
Former Soviet Union - 12	6,679	5,822	5,488	5,258	5,131	5,106
Middle East	250	230	230	240	250	250
North Africa	145	131	118	145	155	155
Sub-Saharan Africa	23	33	17	57	30	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	23,673	22,199	23,211	25,490	23,554	23,379
Domestic Consumption						
North America	4,599	4,664	4,973	4,911	4,171	4,091
South America	1,915	1,842	2,086	2,175	2,545	2,445
European Union	7,050	7,000	6,900	8,225	8,150	8,150
Other Europe	1,357	1,317	1,533	1,478	1,524	1,524
Former Soviet Union - 12	6,621	5,846	5,247	5,138	5,051	5,032
Middle East	240	230	240	240	240	240
North Africa	152	134	131	175	170	170
Sub-Saharan Africa	66	65	69	85	80	95
East Asia	940	951	943	971	976	976
South Asia	19	21	25	50	50	50
Southeast Asia	23	16	29	25	25	25
Oceania	935	927	994	1,124	1,224	1,224
Total	23,917	23,013	23,170	24,597	24,206	24,022
Ending Stocks						
North America	1,377	949	968	1,214	645	671
South America	125	144	188	214	216	216
European Union	500	371	325	497	397	397
Other Europe	200	166	156	209	214	214
Former Soviet Union - 12	330	177	322	335	309	287
Middle East	16	16	6	6	16	16
North Africa	2	1	3	0	0	0
Sub-Saharan Africa	24	15	25	22	21	27
East Asia	244	155	107	108	108	108
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	199	191	117	292	242	242
Total	3,017	2,185	2,217	2,897	2,168	2,178

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 Aug	2021/22 Sep
TY Exports						
Albania	0	0	0	0	0	0
Canada	227	152	147	150	160	160
European Union	103	191	274	160	125	125
Russia	152	178	6	125	50	50
Ukraine	84	42	8	20	35	35
Others	1	1	0	20	0	0
Subtotal	567	564	435	475	370	370
United States	4	4	6	4	5	5
World Total	571	568	441	479	375	375
TY Imports						
Belarus	28	9	3	3	3	3
Canada	2	2	3	2	2	2
European Union	142	221	0	120	5	5
Israel	21	17	8	30	30	30
Japan	21	23	19	22	20	20
Korea, South	3	3	4	3	5	5
Norway	5	19	10	8	10	10
Others	10	8	102	16	4	4
Subtotal	232	302	149	204	79	79
Unaccounted	15	-28	8	75	86	86
United States	324	294	284	200	210	210
World Total	571	568	441	479	375	375

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 Aug	2021/22 Sep
Production						
Argentina	86	87	220	135	130	134
Belarus	670	503	756	900	700	800
Canada	341	236	333	488	450	430
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	575
Others	211	156	197	206	215	215
Subtotal	12,044	9,785	11,989	14,004	13,350	13,434
United States	260	214	270	293	307	307
World Total	12,304	9,999	12,259	14,297	13,657	13,741
Total Consumption						
Argentina	86	87	220	135	130	134
Belarus	665	550	750	900	700	800
Canada	189	169	181	310	300	300
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	2,000	1,950
Turkey	320	320	320	320	330	330
Ukraine	480	332	332	410	545	545
United Kingdom	42	38	36	38	36	36
Others	135	134	124	149	147	147
Subtotal	12,139	9,817	11,690	13,685	12,981	13,086
United States	483	518	550	528	509	461
World Total	12,622	10,335	12,240	14,213	13,490	13,547
Ending Stocks						
Belarus	61	35	44	30	25	33
Canada	124	49	40	72	122	44
European Union	591	513	555	506	673	761
Kazakhstan	16	4	0	4	6	5
Russia	260	141	104	177	155	152
Turkey	14	14	14	14	14	14
Ukraine	69	47	48	82	77	77
Others	1	1	1	1	1	1
Subtotal	1,136	804	806	886	1,073	1,087
United States	15	11	28	32	28	25
World Total	1,151	815	834	918	1,101	1,112

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Aug 2021/22	Sep 2021/22
TY Imports						
North America	326	296	287	202	212	212
South America	0	0	0	0	0	0
European Union	142	221	0	120	5	5
Other Europe	15	25	15	14	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	25	25	25
Oceania	0	0	0	0	0	0
Total	556	596	433	404	289	289
Production						
North America	601	450	603	781	757	737
South America	97	100	234	150	146	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	3,765	3,315	3,415
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	14,297	13,657	13,741
Domestic Consumption						
North America	672	687	731	838	809	761
South America	97	100	234	150	146	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	3,545	3,285	3,335
Middle East	341	337	328	350	360	360
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	24	26	23	25	25	25
Oceania	30	30	30	30	30	30
Total	12,589	10,310	12,249	14,183	13,397	13,403
Ending Stocks						
North America	139	60	68	104	150	69
South America	0	0	0	0	0	0
European Union	591	513	555	506	673	761
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	293	263	267
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	918	1,101	1,112

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.