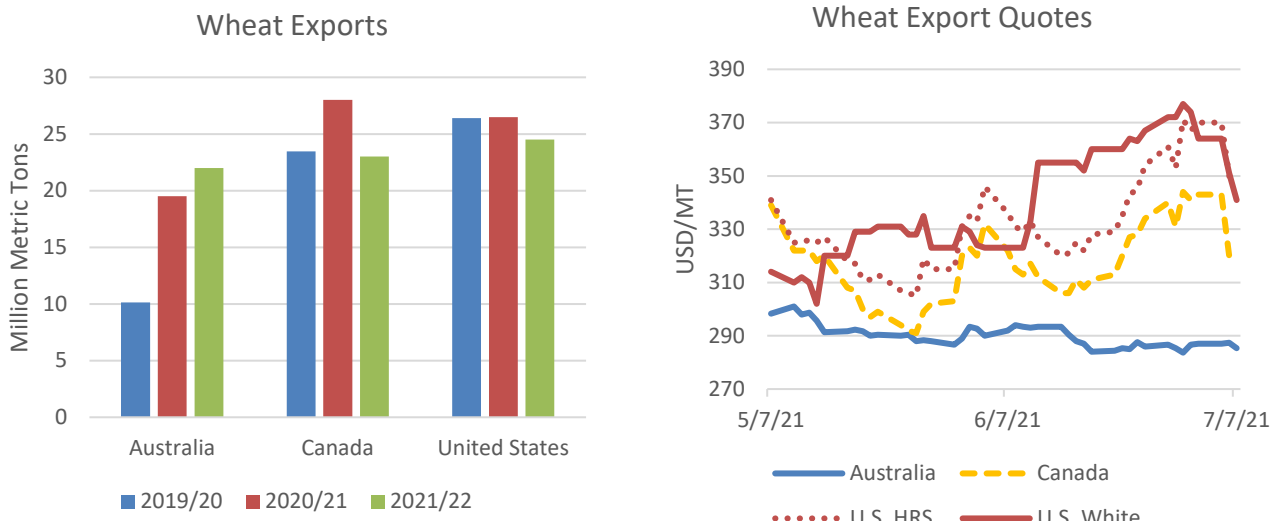


Grain: World Markets and Trade

Australia to Expand Wheat Exports as North America Faces Tighter Supplies



Both Canada and the United States are forecast to have lower wheat exports in 2021/22 with reduced supplies and higher prices, especially for spring wheat. As U.S. and Canadian exportable supplies contract, importers seeking high-quality wheat are increasingly likely to shift toward Australia for additional supplies.

Canada exports are expected to plummet 18 percent from record 2020/21 exports to 23.0 million tons in 2021/22. The supply situation is constrained by beginning stocks which are forecast at the lowest in decades, drawn down in part by large exports to China throughout 2020/21. Production in Canada is forecast lower as a shift toward barley and oilseeds led to reduced wheat plantings. In addition, yields are forecast lower amid unfavorable weather conditions. Current high prices in Canada reflect the tight carryin and the lower expected production.

Meanwhile, U.S. wheat exports are projected to tumble nearly 8 percent to 24.5 million tons. While winter wheat production is up from the prior year, durum and other spring wheats are lower, reflecting favorable returns for other crops and dry conditions in the Northern Plains. The United States is also starting with much tighter beginning stocks of all wheat, the lowest since 2014/15. The smaller exportable supplies of durum and spring wheat from Canada and the United States have are likely to underpin high prices this marketing year.

The tightening supply situation for Canada and the United States contrasts with the more ample supply situation for Australia, a close competitor in Asian markets. Australia exports are forecast up 13 percent to 22.0 million as a large crop is expected for the second year since emerging from a multi-year drought. While Canada and the United States will likely continue to dominate in the Western Hemisphere, Australia has the potential to both solidify and grow market share in Asia, especially in white wheat markets.

TABLE OF CONTENTS

World Markets and Trade: Commodities and Data

WHEAT.....	3
RICE.....	8
COARSE GRAINS.....	12
ENDNOTES.....	18
DATA TABLES	21

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

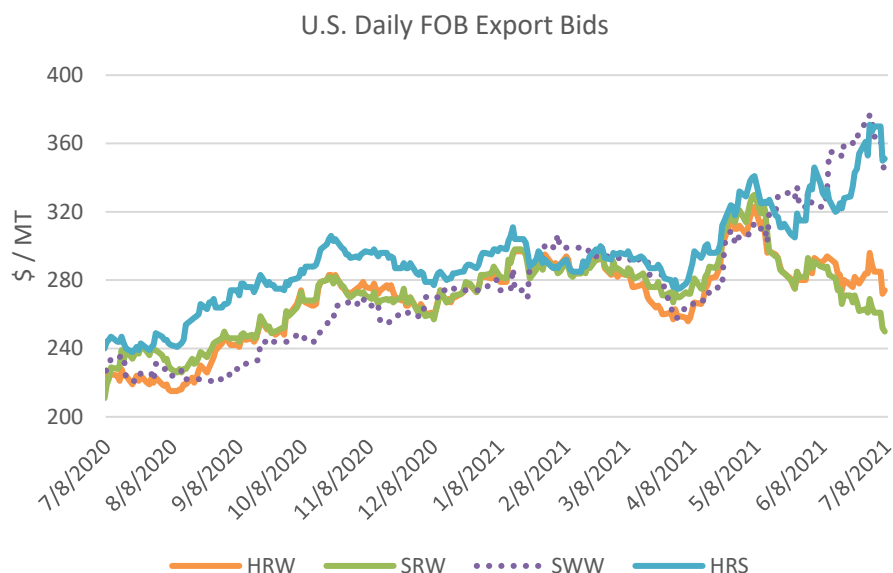
Global production is lowered this month with smaller crops in the United States, Kazakhstan, Canada, and Russia. Global consumption is revised higher, while global stocks edge lower. Imports are raised primarily for Pakistan, while exports are raised for the European Union and Australia. The U.S. season-average farm price is raised by 10 cents to \$6.60 per bushel.

OVERVIEW FOR 2020/21

Global production is unchanged this month, while consumption is up slightly. Global stocks are reduced with cuts in Australia, Pakistan, and Turkey. Imports are lowered mainly for Morocco and Turkey. The U.S. season-average farm price is finalized at \$5.05 per bushel.

WHEAT PRICES

Domestic: U.S. wheat classes continued to move in opposite directions. Hard Red Winter (HRW) fell \$17/ton to \$274 and Soft Red Winter (SRW) plummeted \$38/ton to \$250 as the harvest is well under way and updated NASS survey data indicate larger winter wheat area. In addition, improved prospects for competitors have weighed on prices. Meanwhile, Soft White Winter (SWW) shot up by \$18/ton to \$341 amid concerns about crop conditions and tightening supplies. Hard Red Spring (HRS) rose \$20/ton to \$351 on lower area reported by NASS and deteriorating crop conditions. According to the NASS *Crop Progress Report*, only 20 percent of spring wheat was rated good to excellent for the week ending July 4, compared to 70 percent last year.



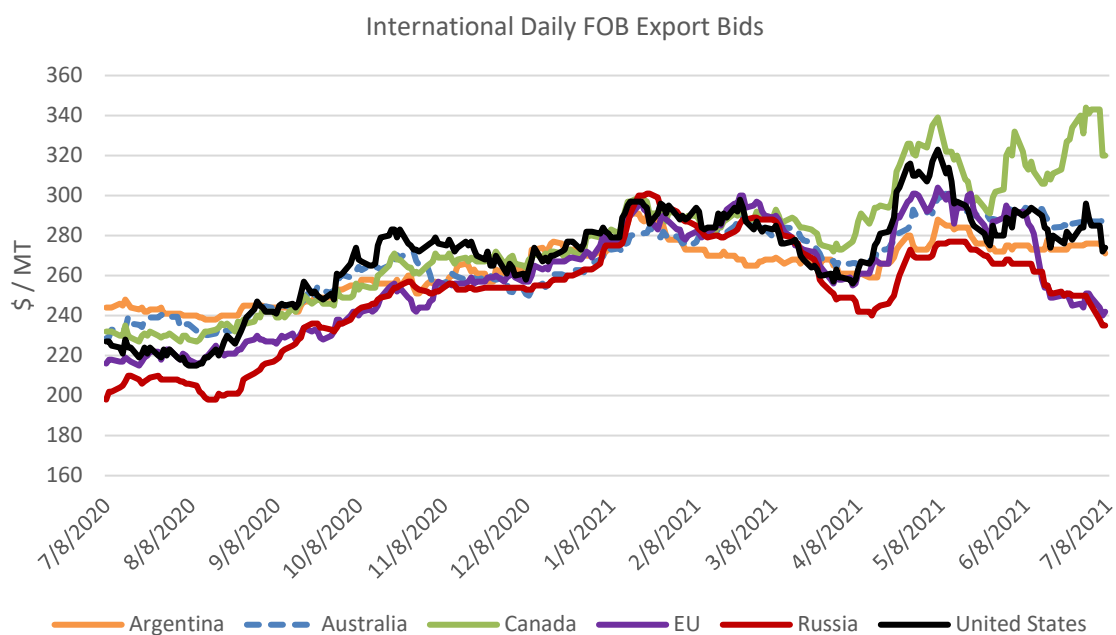
Note: As of June 8, 2021

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

Global: Wheat prices further spread into three tiers over the past month. The highest quotes by far are from Canada, reflecting concerns about crop conditions and persistent dryness. Australian, U.S., and Argentine quotes are currently in a tight range. Australian quotes declined with ample supplies and good weather for the upcoming crop. U.S. quotes for HRW have recently eased with the NASS *Acreage Report* indicating larger area. Argentine quotes are little changed over the past month. Both Russian and EU quotes have slid lower on improved outlook for the crop and the two remain in tight competition for price-sensitive markets.

Argentina	Australia	Canada	EU	Russia	United States
\$271	\$285	\$320	\$242	\$235	\$274

Note: As of July 8, 2021

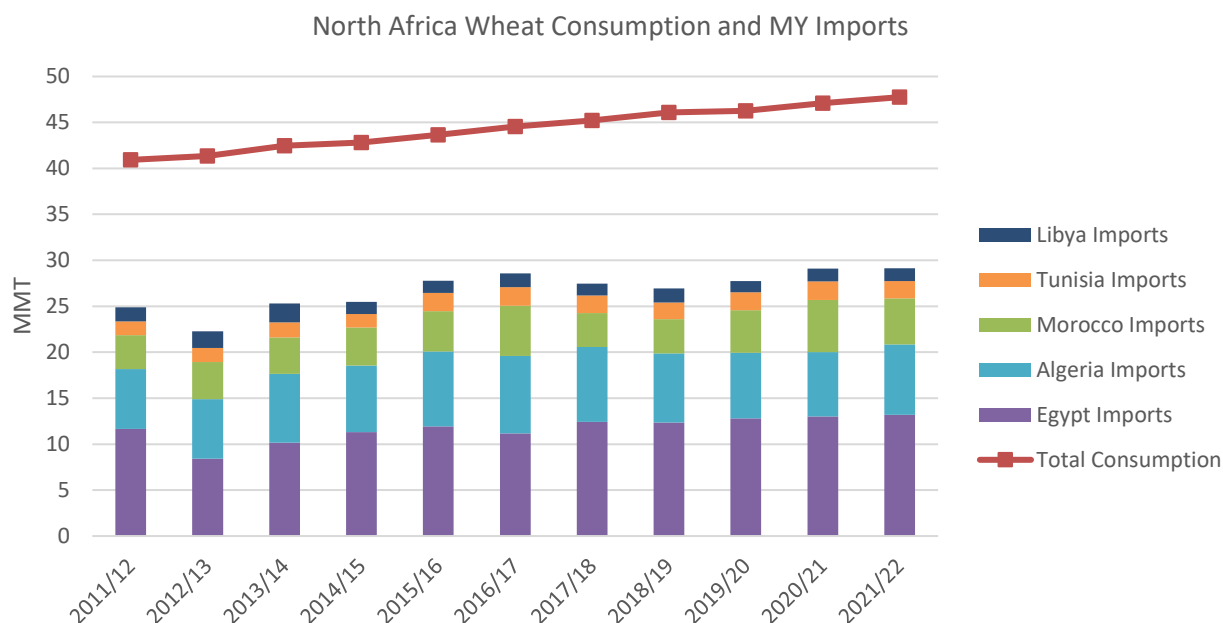


Source: IGC

*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

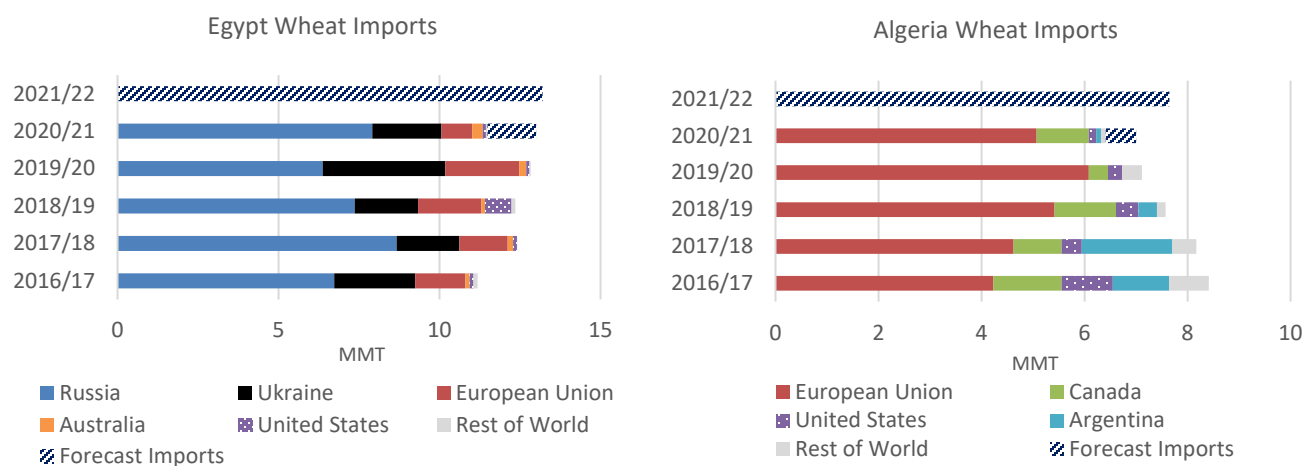
MARKET FEATURE

North Africa Wheat Outlook



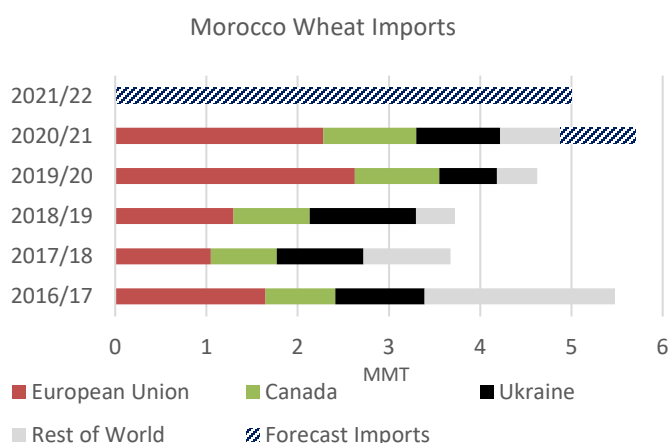
North Africa wheat consumption is forecast to reach a record 47.8 million tons in 2021/22 as population growth continues to push food, seed, and industrial (FSI) use higher. North Africa supplies more than 40 percent of its wheat consumption through domestic production. The remainder is supplied through imports, which are forecast up slightly in 2021/22, reaching a record 29.2 million tons.

Egypt accounts for nearly half of North Africa wheat imports and has been the largest global wheat importer for 15 years. Proximity to the Black Sea has given Russia and Ukraine a competitive advantage there, capturing nearly 90 percent of the import market. Despite Russia's export quota and tax, state buyer GASC has continued to rely on Russia for the vast majority of its imports in 2020/21.



Algeria, meanwhile, imports between 7 and 8 million tons of wheat annually, mostly from France and other EU member states. France's smaller crop in 2020/21, as well as expanding trade to China, limited exportable wheat supplies, allowing Germany, Poland, and Canada to increase market share. Russia has not sent significant shipments of wheat to Algeria since the 2016/17 marketing year. However, state buyer OAIC recently relaxed import specifications that had prevented Russian wheat from entering the market. Russia may seek to expand shipments in the upcoming marketing year, though historically it has not met the quality specifications of Algerian millers.

All North African countries have implemented domestic support policies that encourage domestic wheat production and seek to lower dependency on international suppliers. In particular, Morocco's regular implementation and suspension of wheat import duties depending on its domestic supply situation has led to volatile import trends. A small 2020/21 crop drove the Moroccan government to repeal its import duty through May 2021, allowing for a growth of over 1.0 million tons of imports in 2020/21.



These imports were mostly supplied by the European Union given its proximity and freight advantage and favorable prices, followed by Canada and Ukraine. Despite depleted stocks, Morocco reimplemented its 135 percent wheat import duty on May 15¹ due to higher production prospects for the 2021/22 marketing year. Imports are projected to drop to 5.0 million tons as the country recovers from drought, and the European Union is expected to continue supplying the majority of Morocco's imported wheat.

While the European Union, Russia, Ukraine, and Canada continue to compete for market share in North Africa, the United States has become a residual supplier to the region and only has gained market share in years where other suppliers suffer a production shortfall. Relatively high FOB export bids, combined with a freight disadvantage, prevent U.S. wheat from regaining a competitive advantage in these export markets that previously bought from the United States².

¹ FAS/Rabat: [Morocco Increases Import Duties on Wheat](#), May 15, 2021.

² Nominal ocean freight rates as of July 6, 2021 (source: IGC)

	Russia (Novorossiysk)	EU (Rouen)	US (Gulf)
Egypt (Alexandria)	31	29	39
Morocco (Casablanca)	33	27	58
Algeria (Bejaia)		31	63

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

Country	Attribute	Previous	Current	Change	Reason
Nigeria	Imports	5,200	5,600	400	Continued growth in population and consumption demand
Pakistan	Imports	1,000	2,500	1,500	Government enabling duty-free imports to replenish stocks
Thailand	Imports	3,200	3,500	300	Growth in feed demand
United Kingdom	Imports	2,400	2,000	-400	Larger crop
United States	Imports	3,300	3,700	400	More durum and spring wheat purchases expected amid tight domestic supplies
Australia	Exports	21,000	22,000	1,000	Larger exportable supplies and competitive prices
Canada	Exports	23,500	23,000	-500	Smaller crop and beginning stocks
European Union	Exports	33,000	34,000	1,000	More abundant supplies
Kazakhstan	Exports	8,000	7,500	-500	Reduced expectations for crop size amid dry weather
Pakistan	Exports	300	600	300	Larger shipments to Afghanistan
Ukraine	Exports	20,500	21,000	500	Increased crop forecast
United States	Exports	25,000	24,500	-500	Lower supplies of white, durum, and HRS wheat

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

Country	Attribute	Previous	Current	Change
Algeria	Imports	6,500	7,000	500
Brazil	Imports	6,600	6,250	-350
Iran	Imports	1,800	2,000	200
Morocco	Imports	6,100	5,700	-400
Nigeria	Imports	5,500	6,000	500
Pakistan	Imports	4,000	3,800	-200
Turkey	Imports	9,000	8,500	-500
Yemen	Imports	3,800	3,500	-300
European Union	Exports	30,000	30,750	750
Kazakhstan	Exports	7,700	8,000	300
Pakistan	Exports	300	500	200
Ukraine	Exports	17,000	16,750	-250

RICE

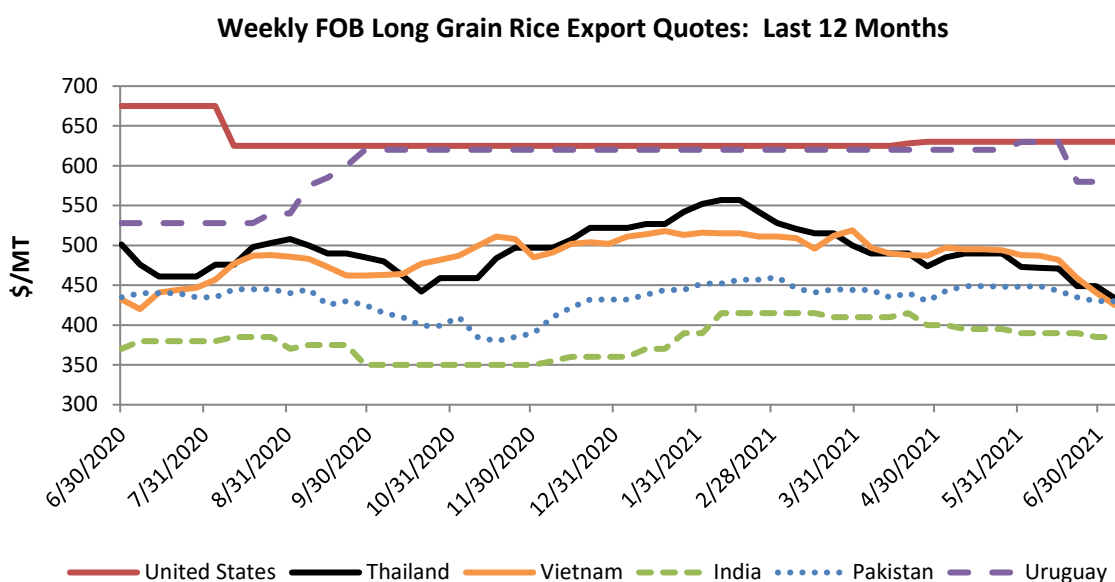
OVERVIEW FOR 2021/22

Global rice production is forecast slightly lower this month mostly on a smaller crop in Egypt. Global stocks are forecast down mainly due to lower stocks in India. Global trade is forecast up, with imports raised this month for Egypt and China.

OVERVIEW FOR 2020/21

Global rice production is virtually unchanged, while global consumption is increased slightly almost entirely due to China. Global stocks are forecast down mainly due to India. India exports are raised to a record, spurred by additional purchases by Bangladesh, China, and Nigeria.

RICE PRICES

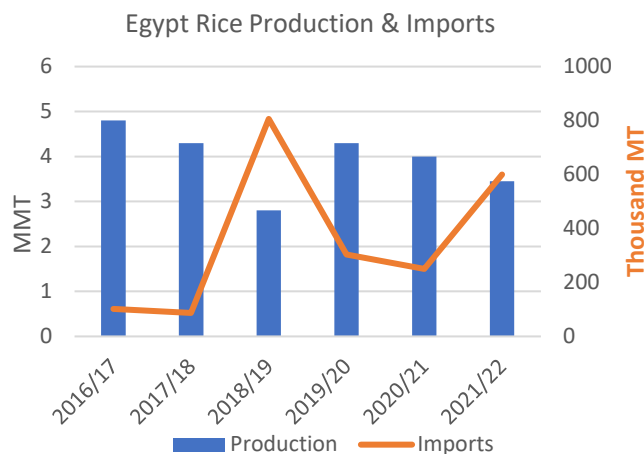


Global: Uruguayan quotes dropped \$50/ton to \$580 amid ample supplies and limited demand, falling below U.S. quotes which held steady from last month at \$630. Thai quotes trended down, dropping \$38/ton to \$434, due to sluggish demand and a weaker currency, narrowing the price spread with Vietnam. Vietnamese quotes dropped \$62/ton to \$425 for its Autumn crop, driven by the ongoing harvest and continued competition with Thailand and India. Pakistani quotes dropped \$19/ton to \$430 spurred by slow exports and container shortages. Indian quotes fell slightly to \$385 amid abundant supplies.

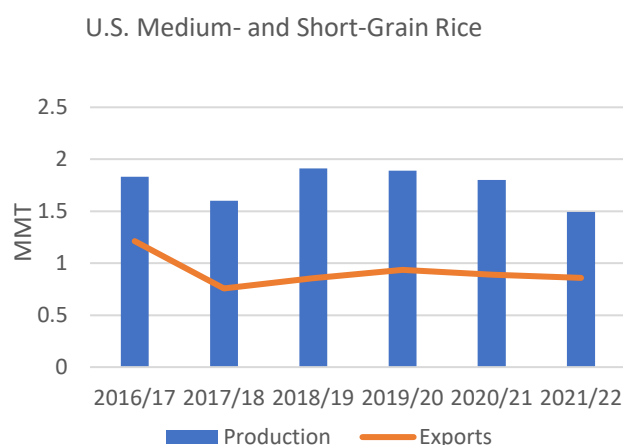
MARKET FEATURES

Shifts in Medium-Grain Rice Production Creates Opportunities

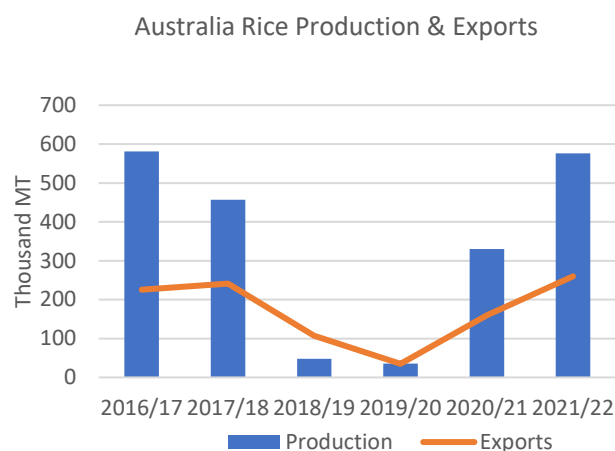
Declining production of medium-grain rice in Egypt and the United States will allow China and Australia to gain global market shares in 2021/22. Egypt's 2021/22 crop is forecast to drop 550,000 tons to the smallest level since 2018. Historical trends indicate that Egypt will increase supplies through imports as exemplified in 2018 when imports rose to a record of more than 800,000 tons in response to a small crop. In 2021/22, rice imports are forecast to rise to 600,000 tons. China has been the largest rice exporter to Egypt and is expected to continue to be its top supplier due to competitive prices.



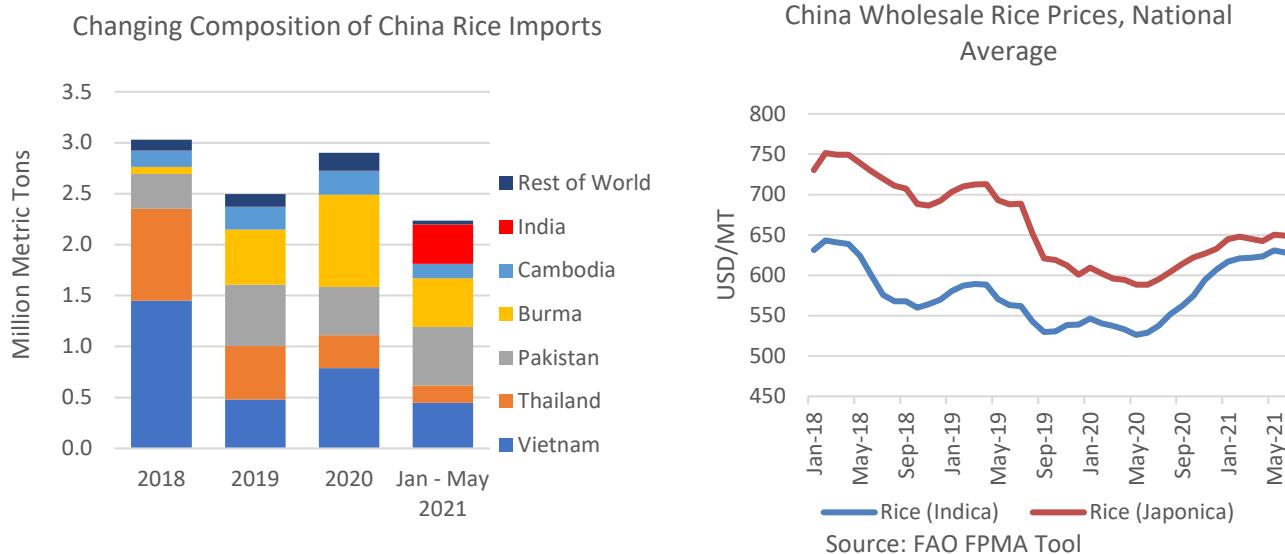
Like Egypt, U.S. medium- and short-grain rice production is expected to decline. As noted in the recent USDA *Acreage* report, the medium- and short-grain planted area is expected to drop by 17 percent, primarily due to the low irrigation supplies in California. The 2021/22 U.S. medium- and short-grain production is forecast at 1.5 million tons, down 17 percent. The smaller crop projected for 2021/22 is expected to lead to higher prices. U.S. medium- and short-grain markets in Asia are expected to remain stable, but the U.S. market share in the Middle East is expected to decline.



Australia, another major medium-grain exporter, is expected to make a strong recovery in production from the drought-reduced crop harvested in 2019/20. Australia's 2020/21 spring harvest was 9 times larger than the 2019/20 crop. Export pace through May 2021 was still weak due to the small 2019/20 harvest but the pace is expected to pick up soon and continue strong in MY 2021/22, with the 2021/22 harvest expected to increase nearly 75 percent, further boosting exports. Australia is well-suited to recapture markets in East Asia and the Middle East countries which it lost to China and the U.S. in 2019/20.



China Rice Imports Accelerate Due to High Domestic Prices



China reported rice imports of over 2.2 million tons from January to May of 2021, just over three-quarters of its total rice imports from 2020. Domestic long-grain prices have risen substantially over the last year, making imports competitive. While China has historically imported rice from Vietnam and Thailand since 2014, a large share of imports during this recent surge were from Burma and Pakistan. At the end of 2020, China granted India access for non-basmati rice and it has rapidly become one of the top suppliers. South Asian long-grain rice prices are over 25 percent cheaper than domestic prices in China.

The vast majority of China's imports has been long-grain rice. China has a total rice tariff rate quota (TRQ) of 5.32 million tons which is divided equally into long-grain and medium- and short-grain. While China has regularly filled its long-grain quota, the medium-grain quota has remained largely unfilled over the past couple of years. Imports from South Asia, including Pakistan and India, have been almost entirely long-grain with a substantial amount of broken rice. Burma has exported mostly long-grain but according to China, Burma has also been the leading exporter of medium- and short-grain. Besides Myanmar, China has only imported relatively small amounts of medium- and short-grain rice from Taiwan, Pakistan, and Thailand.

Long-grain rice prices in China have risen nearly 20 percent since mid-2020. South Asian suppliers have had substantially lower prices which helps explain the recent surge in imports. More recently, the pace of government rice auctions of long-grain rice appears to have tapered off. China is projected to continue importing long-grain and broken rice at an elevated rate while its imports of medium-grain rice continue to remain subdued. For 2021, China rice imports are forecast up nearly 20 percent this month to 3.8 million tons.

TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
					Continued strong demand underpinned by higher consumption growth and high domestic prices
China	Imports	2,800	3,000	200	
Egypt	Imports	200	500	300	Much smaller crop

TRADE CHANGES IN 2021 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
					Strong import pace and continued large purchases from India
Bangladesh	Imports	1,500	1,700	200	
					Large recent purchases driven by increased consumption and high domestic prices
China	Imports	3,200	3,800	600	
					Strong import pace from India driven by higher consumption
Nigeria	Imports	1,800	1,900	100	
					Continued purchases of broken rice from India
Vietnam	Imports	500	700	200	
					Higher shipping costs, container shortages, and sluggish export pace
Brazil	Exports	1000	875	-125	
					Abundant supply, competitive pricing, and record export pace
India	Exports	17,000	18,000	1,000	

COARSE GRAINS

OVERVIEW FOR 2021/22

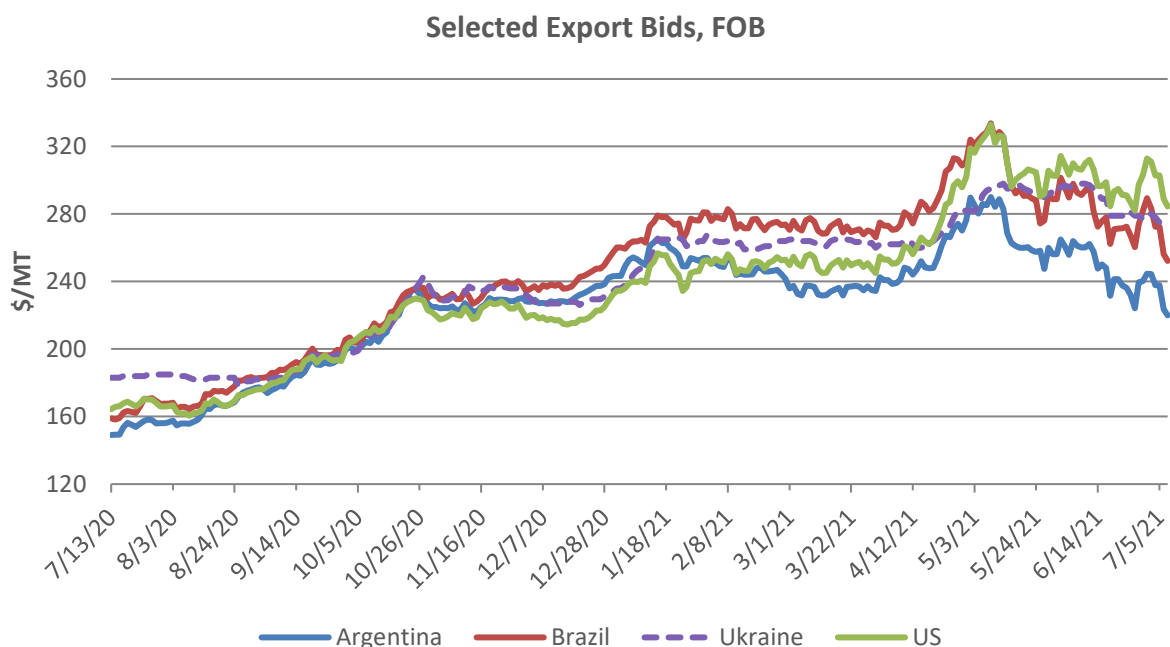
Global corn production is up with larger crops for Russia and the United States. U.S. production is forecast larger based on higher area indicated in the June *Acreage* report. Global trade is lower from last month on expectations of smaller exports for Brazil during the October 2021-March 2022 period. U.S. exports are forecast higher, partly offsetting Brazil. The U.S. season-average farm price is down 10 cents to \$5.60 per bushel.

OVERVIEW FOR 2020/21

Global corn production is down from last month driven by Brazil. Global trade is down as smaller exports by Brazil more than offset a boost for Argentina. The U.S. season-average farm price is up 5 cents to \$4.40 per bushel.

CORN PRICES

Global: Since the June *WASDE*, major export bids have declined. With advancing harvests, bids for both Argentina (late corn) and Brazil (second-crop corn) have moved lower. Argentine bids are down \$37/ton to \$219 and Brazilian bids are down \$42/ton to \$252. Ukrainian bids are down \$24/ton to \$274 amid expectations of a record crop. U.S. bids are down \$23/ton to \$284 reflecting generally favorable weather conditions across much of the Midwest.



MARKET FEATURES

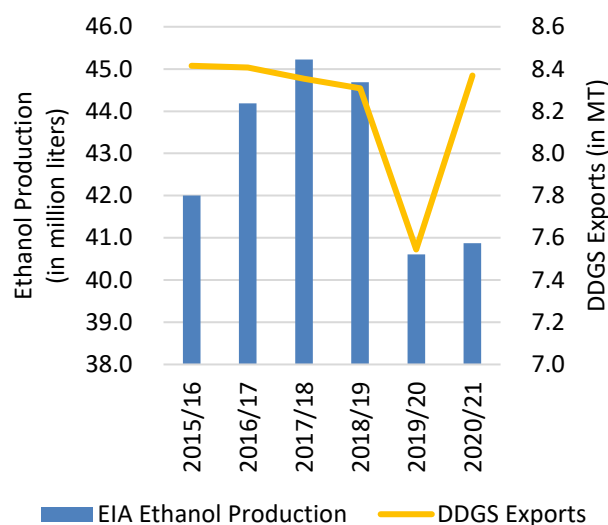
U.S. DDGS Exports Rebound Sharply Despite Slow Start to MY2021 for Ethanol Producers

COVID-19 related restrictions and dramatic reductions in fuel consumption caused severe disruptions to the ethanol industry throughout 2020, with production facilities sitting idle or operating well below capacity. While ethanol production rebounded going into the beginning of the 2020/21 marketing year (Sept/Aug), only within the last month have production levels have recovered to pre-pandemic levels. Ethanol production during the September-May period from 2019/20 to 2020/21 is estimated to have been relatively flat year-over-year, increasing 250,000 liters (0.7 percent)³; this followed a full-year decline of over 4 billion liters from MY2018/19 to MY2019/20. The output of distillers' dried grains (DDGS) has risen proportionally, up 0.6 million tons (2.2 percent) during the September-May period from MY2019/20 to MY2020/21, following full-year declines of 4.0 million tons from MY2018/19 to MY2019/20).⁴

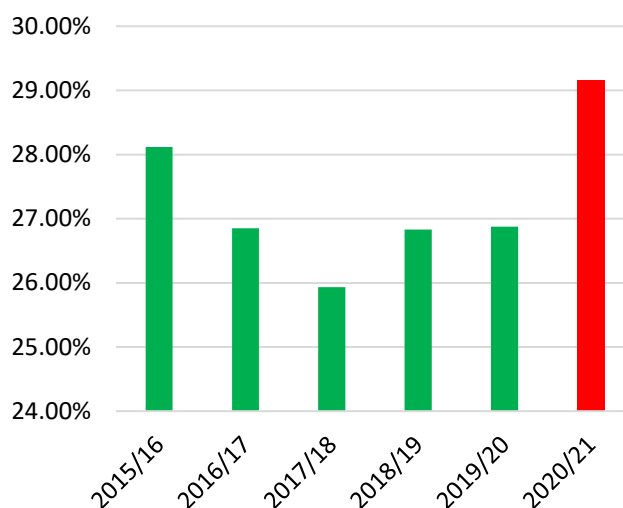
In welcome news for ethanol producers, export demand for DDGS has strongly recovered, up 800,000 tons (10.9 percent) to pre-pandemic levels for the September-May period. This has been driven primarily by large increases in shipments to China (up over 150,000 tons) and Turkey (up nearly 325,000 tons), as the respective feed sectors search for outside supplies to serve domestic livestock and poultry growers.

In Turkey, increases in international commodity prices and the Turkish lira's

Sept-May Ethanol Production vs DDGS Exports



Sept-May Percent of DDGS Production Quantity for Exports

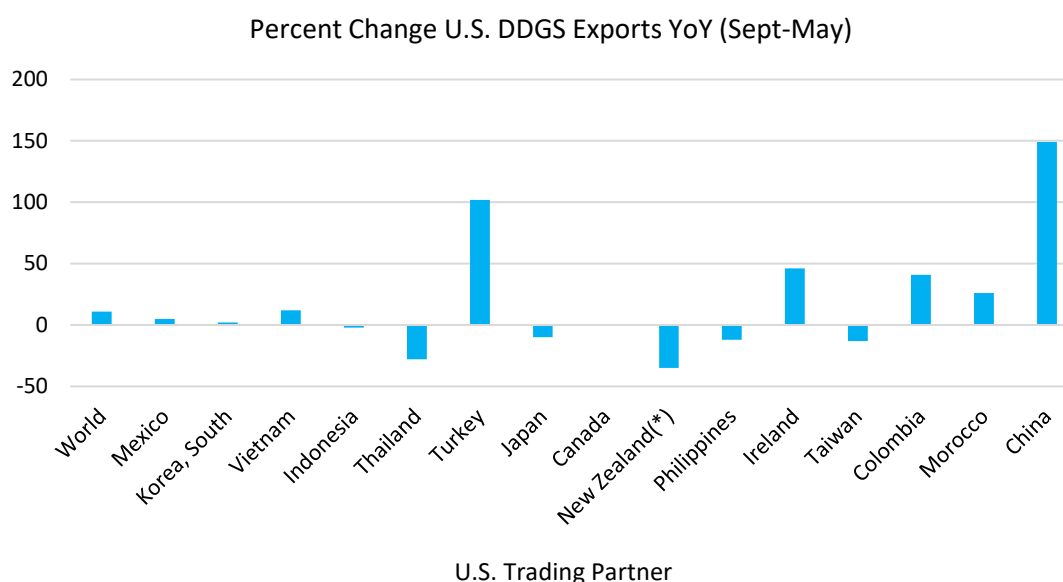


³ Taking the sum of the U.S. Energy Information Administration (EIA) *Weekly U.S. Oxygenate Plant Production of Fuel Ethanol* figure, first multiplying by 7 to calculate total production in barrels. Then apply a theoretical 42 gallons/barrel conversion factor, followed by a 3.78541 liters per gallon conversion factor to generate yearly ethanol production in liters.

⁴ DDGS estimates are derived taking corn used for ethanol estimates available from NASS, then first applying a theoretical 17 lbs of DDGS/bushel of corn conversion factor, followed by a lbs/kg conversion factor of 2.20462, followed by a kg/MT conversion factor of 1000.

depreciation against other currencies have had large effects on domestic food and feed prices: YoY increases in broiler, layer, dairy cattle and beef cattle feeds were 58 percent, 36 percent, 44 percent and 42 percent, respectively, in 2020. In an effort to manage runaway food prices, the Turkish feed sector has had to turn to cheaper imported raw materials. As DDGS have become more attractively priced relative to traditional feed inputs like corn and soybean meal, importers have been turning an alternative for more price competitive rations.⁵

In China, efforts continue in the rebuilding of its swine herd. High corn prices (On July 8 the Dalian Commodity Exchange corn contract finished at \$435- up 32 percent from last year⁶) are forcing the feed sector to shift to less expensive imports of alternative inputs, as producers are already beginning to shift away from domestic corn and soymeal. This has been a boon for U.S. exporters since, as part of the Phase One Agreement, the General Administration of Customs re-certified 88 U.S. ethanol producers to export to China, which has presented an opportunity for U.S. DDGS exports to be re-integrated into the Chinese feed mix. Looking forward, DDGS could see continued export growth, as the Ministry of Agriculture and Rural Affairs issued guidelines in April that recommend the reduction of corn and soymeal in pig and poultry feed, and a transition to alternatives, including DDGS, with the aim of “improving the usage of available raw materials and creating a formula that better suits China's conditions.”

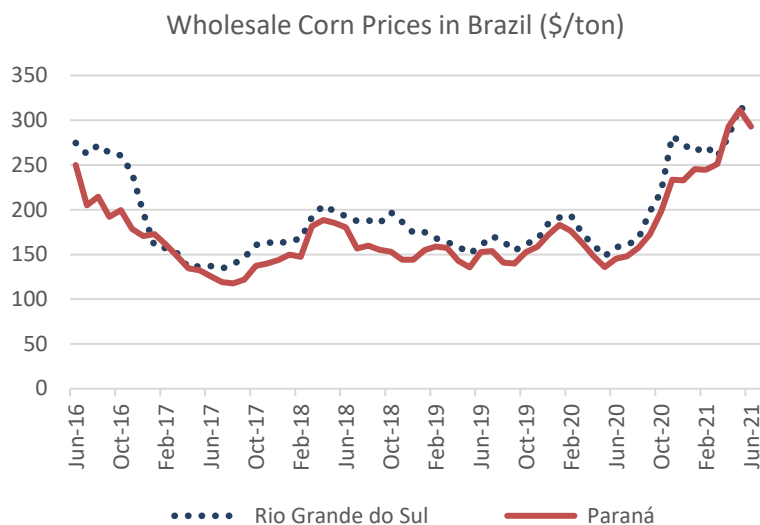


⁵ FOB Corn and DDGS gulf prices can be found on the US Grains Council's FOB price chart <https://grains.org/markets-tools-data/markets/fob-price-charts/>

⁶ International Grains Council Price Data

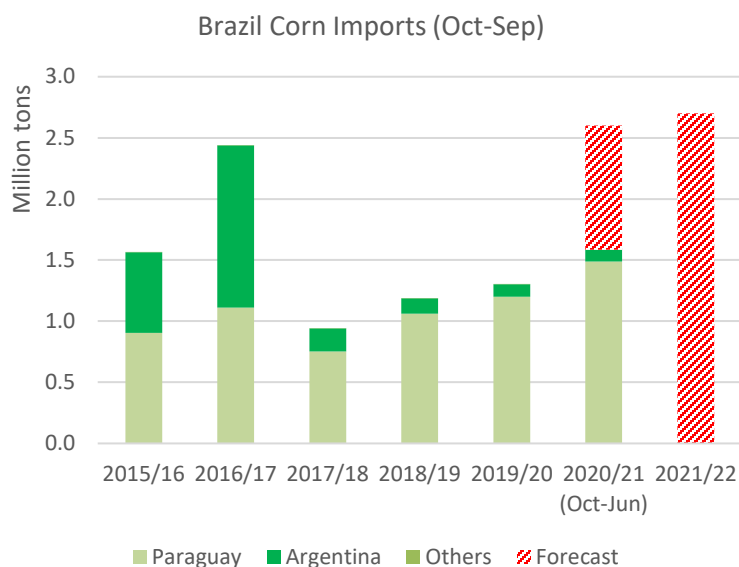
Brazil Turns to Corn Imports

Brazil corn imports (Oct-Sep) are forecast at 2.6 million tons for 2020/21. If realized, it would be the largest volume on record. The forecast volume reflects strong domestic prices amid worsening prospects for the second crop corn. Prices⁷ have run up to a record level in the southern states, where poultry and swine production is concentrated. To help cool down prices, the government issued a decree in April exempting the 8 percent import duty on corn from outside of MERCOSUR countries through the end of 2021. There is no limit on import volumes under the decree.



Corn imports have been primarily from Paraguay and Argentina due mainly to lower prices relative to domestic corn. Imported corn has been mainly destined to the states of Parana, Santa Catarina, and Rio Grande do Sul in the South. It is costly to move corn from production areas in the Center-West to feed users in these southern states. Also, facing a complicated interstate tax⁸ system, feed users in the southern states prefer importing from neighboring countries.

Imports of U.S. corn have been insignificant reflecting in part the differences in biotech regulations. In June, Brazil approved the remaining genetically engineered corn event clearing the path for U.S. exports. However, it seems unlikely that Brazil will purchase an appreciable amount of U.S. corn in the short term given high U.S. corn prices as well as logistical advantages enjoyed by Paraguay and Argentina.



⁷ Food Price Monitoring and Analysis, Food and Agriculture Organization of the United Nations

⁸ The Tax on the Movement of Goods and Provision of Services (known as ICMS) - Brazil imposes a tax on goods (i.e., corn) moving across state borders for use in other states. Some states have exemptions from the ICMS tax if various conditions are met.

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Sorghum	Exports	2,000	2,500	500	Partly offsets lower U.S. exports and reflects strength shown in recent shipments to China
Australia	Barley	Exports	5,000	5,500	500	Larger crop
Brazil	Corn	Exports	40,000	37,000	-3,000	Limited supplies during Oct-Mar on smaller production
China	Sorghum	Imports	10,000	9,800	-200	Smaller U.S. supplies
European Union	Barley	Exports	7,300	7,000	-300	Smaller crop
	Corn	Imports	16,000	15,000	-1,000	Smaller supplies in Brazil
Iran	Corn	Imports	8,000	7,000	-1,000	Limited supplies in Brazil, its top supplier
Mexico	Corn	Exports	900	700	-200	Expectations of large supplies of white corn in southern Africa
Russia	Corn	Exports	4,100	4,400	300	Larger crop
Thailand	Barley	Imports	600	1,000	400	Expected strong purchases from Australia after China retaliatory duties drive Australian shipments to other ASEAN markets
United States	Corn	Exports	62,000	63,000	1,000	Improved prospects for the period of Oct-Mar
	Sorghum	Exports	9,000	8,300	-700	Smaller crop

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Corn	Exports	32,000	33,500	1,500	Larger crop and price competitiveness
Australia	Barley	Exports	6,000	6,700	700	Strong shipments through May
Brazil	Corn	Exports	32,000	30,000	-2,000	Smaller crop
China	Barley	Imports	9,600	9,800	200	Continued large purchases
European Union	Barley	Exports	7,000	7,600	600	Pace based on Customs surveillance data
	Corn	Imports	12,000	11,200	-800	
Iran	Barley	Imports	2,200	2,500	300	Trade to date
	Corn	Imports	7,000	6,000	-1,000	Smaller supplies in Brazil, the major supplier
Libya	Barley	Imports	700	900	200	Trade pace
Mexico	Corn	Imports	900	700	-200	Pace to date
Morocco	Barley	Imports	1,000	700	-300	Slow pace to date
Thailand	Barley	Imports	900	1,150	250	Strong purchases from Australia through May
Turkey	Corn	Imports	2,400	2,100	-300	Slower purchase pace from Ukraine and Romania
Vietnam	Barley	Imports	500	750	250	Strong purchases from Australia through May

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](#) July 2021. This publication is available in its entirety on the Internet via the Foreign Agricultural Service Home Page. The address is: <http://www.fas.usda.gov>

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DATA TABLES

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All Grain Summary Comparison

Million Metric Tons

		Wheat			Rice, Milled			Corn		
	Marketing Year	2019/20	2020/21	2021/22	2019/20	2020/21	2021/22	2019/20	2020/21	2021/22
Production										
United States	(Jun-May)	52.6	49.7	47.5	5.9	7.2	6.3	346.0	360.3	385.2
Other		710.9	726.1	744.9	491.8	497.7	499.7	771.6	760.3	809.6
World Total		763.5	775.8	792.4	497.7	504.9	506.0	1,117.6	1,120.6	1,194.8
Domestic Consumption										
United States	(Jun-May)	30.4	30.5	32.5	4.6	4.8	4.9	309.5	309.8	313.5
Other		710.7	745.4	756.4	490.8	499.0	507.4	820.3	835.5	858.8
World Total		741.1	775.9	788.9	495.4	503.8	512.3	1,129.8	1,145.3	1,172.3
Ending Stocks										
United States	(Jun-May)	28.0	23.0	18.1	0.9	1.5	1.3	48.8	27.5	36.4
Other		271.3	267.2	273.6	176.9	173.4	165.7	256.7	252.4	254.8
World Total		299.3	290.2	291.7	177.8	174.9	167.0	305.5	279.9	291.2
TY Imports										
United States	(Jun-May)	2.8	3.0	3.7	1.2	1.2	1.3	1.0	0.7	0.7
Other		186.3	190.2	198.1	42.5	44.7	43.8	168.7	179.4	188.3
World Total		189.1	193.2	201.8	43.7	45.9	45.1	169.7	180.1	189.0
TY Exports										
United States	(Jun-May)	26.4	26.5	24.5	2.9	2.9	2.9	47.0	73.0	63.0
Other		168.5	171.1	181.0	42.3	45.0	44.1	128.8	111.3	131.3
World Total		194.9	197.6	205.5	45.2	47.9	47.0	175.8	184.3	194.3

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 Jun	2021/22 Jul
TY Exports						
Argentina	14,000	12,680	13,608	9,500	13,000	13,000
Australia	15,512	9,835	10,121	19,500	21,000	22,000
Brazil	245	594	408	911	1,000	1,000
Canada	22,019	24,452	23,478	28,000	23,500	23,000
European Union	24,895	24,686	39,766	30,750	33,000	34,000
India	517	494	595	2,900	2,300	2,300
Kazakhstan	8,519	8,780	6,888	8,000	8,000	7,500
Russia	41,447	35,863	34,485	38,500	40,000	40,000
Turkey	6,725	6,676	6,633	6,600	6,500	6,500
Ukraine	17,775	16,019	21,013	16,750	20,500	21,000
Others	12,075	11,810	11,479	9,665	10,228	10,678
Subtotal	163,729	151,889	168,474	171,076	179,028	180,978
United States	23,230	26,202	26,390	26,500	25,000	24,500
World Total	186,959	178,091	194,864	197,576	204,028	205,478
TY Imports						
Afghanistan	3,300	3,700	3,000	3,000	3,500	3,500
Algeria	8,172	7,515	7,147	7,000	7,650	7,650
Bangladesh	6,472	5,100	6,800	6,700	7,000	7,000
Brazil	6,702	7,442	7,179	6,250	7,000	7,000
China	3,937	3,145	5,376	10,500	10,000	10,000
Egypt	12,407	12,354	12,811	13,000	13,200	13,200
European Union	6,060	5,763	5,550	5,600	5,800	5,800
Indonesia	10,763	10,934	10,586	10,000	10,750	10,750
Iraq	4,158	3,894	2,050	2,300	2,800	2,800
Japan	5,876	5,726	5,682	5,600	5,800	5,800
Kenya	2,158	2,000	2,500	2,000	2,500	2,500
Korea, South	4,269	3,908	3,941	3,900	3,900	3,900
Mexico	5,245	4,861	5,080	4,700	5,100	5,100
Morocco	3,672	3,724	4,879	5,700	5,000	5,000
Nigeria	5,162	4,659	5,338	6,000	5,200	5,600
Pakistan	2	2	1	3,800	1,000	2,500
Peru	2,030	2,109	2,153	2,200	2,250	2,250
Philippines	6,059	7,570	7,059	6,500	6,800	6,800
Saudi Arabia	3,492	2,902	3,652	3,000	3,200	3,200
Sudan	2,580	2,222	2,684	2,200	2,400	2,400
Thailand	3,173	2,899	3,497	3,200	3,200	3,500
Turkey	6,092	6,515	11,087	8,500	10,250	10,250
Uzbekistan	3,119	2,837	2,746	3,100	3,200	3,200
Vietnam	4,709	3,500	3,570	3,400	3,650	3,650
Yemen	3,010	3,675	3,728	3,500	3,900	3,800
Others	56,091	51,909	58,157	58,648	61,009	60,994
Subtotal	178,710	170,865	186,253	190,298	196,059	198,144
Unaccounted	3,875	3,731	5,778	4,328	4,669	3,634
United States	4,374	3,495	2,833	2,950	3,300	3,700
World Total	186,959	178,091	194,864	197,576	204,028	205,478

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 Jun	2021/22 Jul
Production						
Argentina	18,500	19,500	19,780	17,630	20,500	20,500
Australia	20,941	17,598	14,480	33,000	27,000	28,500
Brazil	4,264	5,428	5,200	6,250	6,800	6,900
Canada	30,377	32,352	32,670	35,183	32,000	31,500
China	134,334	131,430	133,590	134,250	136,000	136,000
Egypt	8,450	8,450	8,770	8,900	9,000	9,000
European Union	136,681	123,124	138,741	125,942	137,500	138,200
India	98,510	99,870	103,600	107,860	108,000	108,000
Iran	14,000	14,500	16,800	16,750	15,000	15,000
Kazakhstan	14,802	13,947	11,452	14,256	14,000	13,000
Pakistan	26,674	25,076	24,349	24,946	26,000	27,000
Russia	85,167	71,685	73,610	85,354	86,000	85,000
Turkey	21,000	19,000	17,500	18,250	17,000	17,000
Ukraine	26,981	25,057	29,171	25,420	29,500	30,000
United Kingdom	14,444	13,455	15,600	9,658	14,100	14,800
Others	60,126	59,750	65,591	62,475	64,380	64,480
Subtotal	715,251	680,222	710,904	726,124	742,780	744,880
United States	47,380	51,306	52,581	49,691	51,660	47,519
World Total	762,631	731,528	763,485	775,815	794,440	792,399
Total Consumption						
Algeria	10,450	10,750	10,950	11,200	11,100	11,350
Brazil	12,000	12,100	12,100	12,100	12,500	12,500
Canada	9,029	9,145	9,263	9,900	9,200	9,200
China	121,000	125,000	126,000	150,000	148,000	148,000
Egypt	19,800	20,100	20,300	20,800	21,100	21,100
European Union	113,500	106,300	107,700	104,350	107,500	108,000
India	95,677	95,629	95,403	103,085	105,000	105,000
Indonesia	10,600	10,600	10,300	10,000	10,200	10,200
Iran	15,900	16,100	17,200	17,600	17,600	17,600
Morocco	10,500	10,700	10,400	10,400	10,500	10,500
Pakistan	25,000	25,400	25,500	26,200	26,200	27,000
Russia	43,000	40,500	40,000	42,500	43,000	42,500
Turkey	18,300	18,800	20,000	20,600	21,200	21,200
United Kingdom	15,985	15,317	14,992	13,250	15,900	15,900
Uzbekistan	9,700	9,500	9,500	9,400	9,200	9,200
Others	180,837	177,309	181,098	184,052	186,364	187,119
Subtotal	712,660	705,290	717,850	754,501	758,325	758,371
United States	29,245	29,986	30,436	30,452	32,795	32,522
World Total	741,905	735,276	748,286	784,953	791,120	790,893
Ending Stocks						
Algeria	4,529	5,219	5,360	5,050	4,840	4,940
China	131,196	139,765	151,682	145,632	142,632	142,632
European Union	17,897	15,798	12,623	9,065	11,965	11,065
India	13,230	16,992	24,700	27,100	27,625	27,625
Iran	8,066	6,236	6,556	7,256	5,856	6,156
Pakistan	4,820	2,533	991	3,037	4,637	4,937
Russia	12,010	7,778	7,228	12,032	15,532	15,032
Others	66,210	60,410	62,191	58,041	62,765	61,203
Subtotal	257,958	254,731	271,331	267,213	275,852	273,590
United States	29,907	29,386	27,985	22,965	20,950	18,094
World Total	287,865	284,117	299,316	290,178	296,802	291,684

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Jun 2021/22	Jul 2021/22
TY Imports						
North America	10,070	8,834	8,588	8,200	9,100	9,500
Central America	1,910	1,928	2,074	2,160	2,110	2,180
South America	15,320	14,955	15,651	14,875	15,824	15,929
European Union	6,060	5,763	5,550	5,600	5,800	5,800
Other Europe	4,230	4,698	3,732	4,488	4,280	3,880
Former Soviet Union - 12	7,862	7,839	8,065	8,685	8,960	8,960
Middle East	25,411	24,550	30,408	27,300	30,590	30,590
North Africa	27,441	26,956	27,993	29,100	29,150	29,150
Sub-Saharan Africa	25,312	22,571	26,957	25,840	27,030	27,540
East Asia	16,599	15,087	17,273	22,300	22,200	22,200
South Asia	12,138	10,056	11,286	15,265	13,585	15,085
Southeast Asia	27,255	27,756	27,560	25,900	27,225	27,525
Others	3,476	3,367	3,949	3,535	3,505	3,505
Total	183,084	174,360	189,086	193,248	199,359	201,844
Production						
North America	81,251	86,658	88,521	87,839	86,710	82,069
South America	25,897	28,859	28,500	27,432	31,380	31,480
European Union	136,681	123,124	138,741	125,942	137,500	138,200
Other Europe	18,449	18,095	19,958	14,205	18,800	19,500
Former Soviet Union - 12	142,356	124,020	129,862	139,414	143,470	142,070
Middle East	41,585	38,879	44,496	44,927	40,292	40,292
North Africa	19,245	21,002	18,399	16,603	20,850	20,850
Sub-Saharan Africa	7,469	8,348	8,490	8,957	8,795	8,795
East Asia	135,645	132,823	135,189	135,734	137,462	137,462
South Asia	132,571	131,655	136,350	141,207	141,631	142,631
Oceania	21,346	17,969	14,878	33,454	27,450	28,950
Others	136	96	101	101	100	100
Total	762,631	731,528	763,485	775,815	794,440	792,399
Domestic Consumption						
North America	45,974	46,631	47,099	47,552	49,395	49,122
South America	28,878	28,835	29,630	29,965	30,640	30,815
European Union	113,500	106,300	107,700	104,350	107,500	108,000
Other Europe	21,145	20,742	20,477	18,785	21,445	21,445
Former Soviet Union - 12	81,385	77,160	76,040	79,170	79,905	79,155
Middle East	59,505	59,939	63,000	64,610	65,335	65,235
North Africa	45,225	46,100	46,250	47,100	47,500	47,750
Sub-Saharan Africa	31,942	30,361	33,116	33,945	34,347	34,947
East Asia	134,351	137,826	138,642	162,596	160,796	160,796
South Asia	138,482	138,943	139,704	148,576	151,151	151,951
Southeast Asia	26,410	26,175	26,360	25,485	25,860	26,160
Oceania	9,905	10,610	9,420	9,890	9,470	9,470
Others	3,821	3,614	3,704	3,865	4,015	4,045
Total	740,523	733,236	741,142	775,889	787,359	788,891
Ending Stocks						
North America	37,407	36,030	33,869	27,097	25,182	22,326
South America	3,957	4,778	4,830	5,153	6,313	6,373
European Union	17,897	15,798	12,623	9,065	11,965	11,065
Other Europe	3,363	3,475	4,382	2,875	3,094	3,095
Former Soviet Union - 12	20,993	14,683	13,338	18,622	22,272	21,397
Middle East	19,255	15,193	18,768	18,761	17,753	17,065
North Africa	14,871	15,537	14,359	11,962	13,507	13,207
Sub-Saharan Africa	3,393	2,950	4,166	3,913	4,155	4,325
East Asia	134,343	142,705	154,678	148,521	145,567	145,567
South Asia	21,423	21,626	28,533	33,419	35,654	35,954
Southeast Asia	5,669	6,165	6,213	5,483	5,838	5,738
Oceania	4,897	4,769	3,019	4,703	4,918	4,918
Others	397	408	538	604	584	654
Total	287,865	284,117	299,316	290,178	296,802	291,684

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 Jun	2021/22 Jul
TY Exports						
Argentina	375	388	335	350	340	340
Australia	262	134	42	130	230	260
Brazil	1,245	954	1,240	875	1,000	1,050
Burma	2,750	2,700	2,300	1,900	2,100	2,100
Cambodia	1,300	1,350	1,350	1,300	1,400	1,400
China	2,059	2,720	2,265	2,300	2,300	2,300
European Union	570	527	506	500	550	550
Guyana	414	496	520	530	530	530
India	11,791	9,813	14,560	18,000	15,500	15,500
Pakistan	3,913	4,550	3,934	4,200	4,300	4,300
Paraguay	653	689	803	580	700	700
Thailand	11,213	7,562	5,706	5,800	6,500	6,500
Turkey	213	202	234	200	230	230
Uruguay	802	809	967	780	850	850
Vietnam	6,590	6,581	6,167	6,300	6,300	6,300
Others	1,371	1,307	1,430	1,250	1,249	1,249
Subtotal	45,521	40,782	42,359	44,995	44,079	44,159
United States	2,776	3,142	2,858	2,925	2,850	2,850
World Total	48,297	43,924	45,217	47,920	46,929	47,009
TY Imports						
Brazil	537	691	853	730	700	700
Burkina Faso	550	600	600	600	600	600
China	4,500	2,800	3,200	3,800	2,800	3,000
Cote d'Ivoire	1,500	1,350	1,100	1,200	1,250	1,250
Ethiopia	600	520	700	750	850	850
European Union	1,633	1,799	1,994	1,950	2,100	2,100
Ghana	830	900	850	950	950	950
Guinea	865	530	670	700	725	725
Indonesia	2,350	600	550	700	600	600
Iran	1,250	1,400	1,125	1,200	1,300	1,300
Iraq	1,237	1,263	970	1,000	1,150	1,150
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	1,250
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	15,526	14,622	15,026	16,551	15,278	15,578
Subtotal	45,216	41,326	42,500	44,756	43,313	43,813
Unaccounted	2,165	1,616	1,507	1,989	2,416	1,946
United States	916	982	1,210	1,175	1,200	1,250
World Total	48,297	43,924	45,217	47,920	46,929	47,009

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 Jun	2021/22 Jul
Milled Production						
Bangladesh	32,650	34,909	35,850	34,600	35,330	35,330
Brazil	8,204	7,140	7,602	7,906	7,820	7,956
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	122,000	121,000	121,000
Indonesia	37,000	34,200	34,700	35,200	35,300	35,300
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	3,770
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	12,400	12,300	12,300
Thailand	20,577	20,340	17,655	18,830	19,500	19,500
Vietnam	27,657	27,344	27,100	27,100	26,900	26,900
Others	43,012	43,565	45,536	45,151	46,052	45,478
Subtotal	488,832	490,143	491,865	497,714	500,152	499,714
United States	5,659	7,107	5,877	7,226	6,464	6,329
World Total	494,491	497,250	497,742	504,940	506,616	506,043
Consumption and Residual						
Bangladesh	35,200	35,400	35,500	35,900	36,100	36,100
Brazil	7,650	7,350	7,300	7,400	7,450	7,500
Burma	10,200	10,250	10,400	10,550	10,650	10,650
Cambodia	4,200	4,300	4,350	4,450	4,500	4,500
China	142,509	142,920	145,230	150,400	156,000	156,000
Egypt	4,200	4,200	4,300	4,300	4,350	4,300
India	98,669	99,160	105,984	107,000	108,000	108,000
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	3,900
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	12,900
Vietnam	21,500	21,200	21,250	21,250	21,200	21,300
Others	66,672	68,674	70,113	70,917	72,152	72,147
Subtotal	476,889	479,809	491,908	503,033	509,585	509,128
United States	4,299	4,577	4,586	4,826	4,952	4,857
World Total	481,188	484,386	496,494	507,859	514,537	513,985
Ending Stocks						
Bangladesh	1,500	1,405	1,771	1,837	1,593	1,763
China	109,000	115,000	116,500	115,600	109,100	109,400
India	22,600	29,500	29,900	25,900	25,400	23,400
Indonesia	5,563	4,063	3,313	3,413	3,713	3,713
Japan	2,223	2,046	1,980	1,902	1,897	1,897
Philippines	2,288	3,520	3,597	3,647	3,547	3,547
Thailand	2,852	4,080	3,979	4,509	4,809	4,809
Others	16,771	15,556	15,892	16,656	17,107	17,141
Subtotal	162,797	175,170	176,932	173,464	167,166	165,670
United States	933	1,424	910	1,459	1,240	1,311
World Total	163,730	176,594	177,842	174,923	168,406	166,981

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	Jun 2021/22	Jul 2021/22
TY Imports						
North America	2,075	2,143	2,530	2,405	2,445	2,495
Caribbean	1,067	1,076	1,211	1,170	1,165	1,165
South America	1,947	1,939	2,222	1,886	1,907	1,907
Other Europe	647	707	777	760	775	775
Former Soviet Union - 12	555	550	517	488	489	489
Middle East	6,655	7,208	6,957	6,825	7,035	7,035
North Africa	591	1,022	579	635	505	805
Sub-Saharan Africa	14,589	13,837	14,346	14,905	15,690	15,690
East Asia	6,015	4,402	4,787	5,530	4,505	4,705
South Asia	2,635	944	1,333	3,140	1,990	1,990
Southeast Asia	6,795	5,815	5,399	5,227	4,937	4,937
European Union	1,633	1,799	1,994	1,950	2,100	2,100
Total	46,132	42,308	43,710	45,931	44,513	45,063
Production						
North America	5,842	7,295	6,052	7,436	6,688	6,553
Caribbean	932	1,010	927	941	966	966
South America	16,945	16,037	16,361	16,961	17,031	17,167
European Union	2,030	1,965	1,985	1,953	1,990	1,894
Former Soviet Union - 12	1,236	1,283	1,349	1,386	1,347	1,347
Middle East	2,658	2,616	2,950	2,896	2,841	2,841
North Africa	4,340	2,844	4,345	4,042	4,045	3,495
Sub-Saharan Africa	17,102	18,931	19,849	18,807	19,408	19,408
East Asia	163,433	162,740	160,610	161,634	162,860	162,860
South Asia	158,759	165,688	169,414	172,273	171,780	171,780
Southeast Asia	120,044	116,064	113,198	115,614	116,451	116,451
Total	494,491	497,250	497,742	504,940	506,616	506,043
Domestic Consumption						
North America	5,577	5,912	5,981	6,201	6,352	6,257
Central America	1,342	1,358	1,400	1,391	1,415	1,415
Caribbean	1,984	2,111	1,991	2,086	2,096	2,096
South America	15,045	14,885	14,889	15,081	15,165	15,215
European Union	3,121	3,246	3,394	3,450	3,500	3,500
Former Soviet Union - 12	1,603	1,587	1,595	1,621	1,638	1,638
Middle East	9,018	9,207	9,426	9,460	9,575	9,575
North Africa	4,620	4,591	4,604	4,677	4,700	4,650
Sub-Saharan Africa	31,247	33,048	33,654	33,807	34,554	34,554
East Asia	158,948	158,939	160,538	165,640	171,110	171,110
South Asia	144,670	145,523	153,128	154,959	156,510	156,510
Southeast Asia	102,274	102,952	103,718	104,316	104,501	104,601
Total	480,546	484,379	495,419	503,789	512,254	512,254
Ending Stocks						
North America	1,084	1,578	1,085	1,679	1,504	1,575
Central America	299	281	279	278	316	316
Caribbean	275	303	327	342	408	367
South America	2,166	1,867	1,531	2,001	1,987	2,090
European Union	1,176	1,189	1,255	1,208	1,257	1,152
Middle East	1,004	1,183	1,732	1,693	1,764	1,764
North Africa	1,563	949	1,232	1,162	992	892
Sub-Saharan Africa	3,192	2,991	2,408	1,893	1,987	2,037
East Asia	113,196	118,766	120,135	118,834	112,574	112,874
South Asia	25,840	32,405	33,535	30,345	29,826	27,996
Southeast Asia	13,557	14,880	14,112	15,207	15,464	15,564
Oceania	232	52	15	70	154	181
Total	163,730	176,594	177,842	174,923	168,406	166,981

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 Jun	2021/22 Jul
TY Exports						
Argentina	27,208	36,134	42,946	37,405	43,505	44,005
Australia	7,156	4,049	3,632	7,600	5,875	6,875
Brazil	25,121	38,812	34,141	30,025	40,025	37,025
Canada	5,753	5,805	5,278	7,460	7,800	7,700
European Union	8,885	10,412	13,492	11,195	11,945	11,645
Paraguay	1,485	2,568	2,089	2,610	2,710	2,710
Russia	11,379	7,402	9,292	8,645	9,450	9,750
Serbia	878	2,906	3,201	3,576	3,181	3,181
South Africa	2,368	1,190	2,465	3,210	3,210	3,210
Ukraine	21,438	34,874	34,088	27,380	35,750	35,850
Others	11,710	10,959	11,426	11,276	10,507	10,317
Subtotal	123,381	155,111	162,050	150,382	173,958	172,268
United States	68,633	51,838	52,589	81,119	71,310	71,510
World Total	192,014	206,949	214,639	231,501	245,268	243,778
TY Imports						
Algeria	4,492	5,284	5,672	5,820	5,910	5,910
Brazil	1,527	1,797	1,987	3,300	3,400	3,400
Canada	1,837	2,570	1,972	1,962	2,112	2,022
Chile	1,976	2,431	2,838	3,070	3,320	3,320
China	16,425	10,540	17,496	44,050	46,900	46,700
Colombia	5,582	6,390	6,285	6,325	6,580	6,580
Egypt	9,541	9,568	10,444	10,310	10,420	10,420
European Union	19,311	26,290	18,675	12,695	17,415	16,415
Guatemala	1,091	1,224	1,527	1,600	1,700	1,700
Iran	11,600	12,200	9,100	8,500	10,400	9,400
Israel	2,145	1,896	2,397	2,360	2,610	2,610
Japan	17,563	17,726	17,633	16,970	17,540	17,540
Jordan	1,422	1,666	1,506	1,550	1,800	1,800
Korea, South	10,192	10,964	11,978	11,610	11,810	11,810
Malaysia	3,668	3,690	3,806	3,925	3,925	3,925
Mexico	16,396	17,415	17,576	17,040	17,600	17,550
Morocco	2,647	3,028	4,052	3,707	3,407	3,407
Peru	3,487	3,843	3,974	4,180	4,405	4,405
Saudi Arabia	11,692	9,368	11,825	11,210	11,510	11,510
Taiwan	4,513	4,610	4,660	4,485	4,485	4,485
Thailand	847	1,406	2,287	2,650	1,800	2,200
Tunisia	1,635	1,418	1,660	1,700	1,700	1,700
Turkey	4,184	4,044	4,011	2,750	4,600	4,600
United Kingdom	2,621	3,079	2,655	2,815	2,326	2,326
Vietnam	9,577	11,033	12,198	13,750	13,400	13,500
Others	21,842	23,174	25,055	24,857	24,606	24,931
Subtotal	187,813	196,654	203,269	223,191	235,681	234,166
Unaccounted	1,275	7,670	8,378	5,709	6,936	7,011
United States	2,926	2,625	2,992	2,601	2,651	2,601
World Total	192,014	206,949	214,639	231,501	245,268	243,778

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 Jun	2021/22 Jul
Production						
Argentina	39,320	59,223	58,125	56,992	60,777	60,777
Australia	12,191	11,507	11,901	16,447	13,452	14,202
Brazil	85,058	104,334	105,815	96,962	122,023	122,023
Canada	26,243	26,203	28,611	29,644	30,870	29,250
China	265,719	263,957	268,204	268,045	275,425	275,425
Ethiopia	16,130	16,557	17,166	17,250	17,250	17,250
European Union	143,907	140,675	152,726	153,133	154,600	153,400
India	46,943	43,212	47,660	49,270	48,750	48,550
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
Mexico	33,191	33,470	32,095	31,860	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	41,550	41,650
South Africa	13,552	12,417	16,367	17,837	17,703	17,703
Turkey	12,271	13,251	14,451	15,761	12,981	12,981
Ukraine	34,071	44,503	46,545	39,585	47,960	48,060
Others	174,978	187,098	182,924	190,270	191,535	191,245
Subtotal	976,048	1,023,245	1,054,750	1,054,822	1,100,426	1,098,066
United States	384,387	377,905	359,434	374,568	396,171	398,739
World Total	1,360,435	1,401,150	1,414,184	1,429,390	1,496,597	1,496,805
Domestic Consumption						
Argentina	17,513	18,091	17,775	18,582	18,847	18,647
Brazil	67,181	70,983	72,844	73,155	77,726	77,726
Canada	23,126	24,114	24,931	24,116	25,360	23,940
China	282,598	287,012	295,070	313,980	322,250	322,150
Egypt	16,779	17,136	17,964	17,765	17,778	17,778
Ethiopia	16,152	16,658	17,225	17,375	17,375	17,375
European Union	152,900	158,474	158,628	155,648	159,426	157,826
India	44,769	44,571	45,775	47,490	48,825	48,750
Japan	17,642	17,953	17,867	17,250	17,821	17,821
Mexico	48,410	50,505	50,310	49,245	49,990	50,140
Nigeria	19,550	20,069	19,900	19,000	20,050	20,050
Russia	31,015	27,367	31,387	31,942	32,650	32,550
South Africa	12,779	13,114	12,832	13,458	14,068	14,088
Turkey	15,361	16,651	17,761	18,351	17,971	17,871
Vietnam	13,777	14,333	14,750	17,250	17,450	17,550
Others	274,750	285,180	288,477	298,580	302,126	301,306
Subtotal	1,049,961	1,099,066	1,109,458	1,136,563	1,169,049	1,167,858
United States	324,417	322,984	320,728	318,440	321,161	321,083
World Total	1,374,378	1,422,050	1,430,186	1,455,003	1,490,210	1,488,941
Ending Stocks						
Argentina	3,366	3,622	4,676	3,286	3,816	3,716
Brazil	9,707	5,671	5,723	5,705	9,377	9,377
Canada	4,563	3,288	3,982	4,012	3,834	3,644
China	222,978	210,395	200,984	199,069	199,054	198,994
European Union	16,235	14,507	14,378	13,463	14,107	13,807
Mexico	6,181	5,784	4,138	3,063	3,522	3,522
South Africa	2,909	1,346	2,439	3,653	4,123	4,128
Others	48,987	46,861	47,793	48,117	43,226	42,556
Subtotal	314,926	291,474	284,113	280,368	281,059	279,744
United States	57,919	60,471	51,830	29,962	37,151	38,450
World Total	372,845	351,945	335,943	310,330	318,210	318,194

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Jun 2021/22	Jul 2021/22
TY Imports						
North America	21,159	22,610	22,540	21,603	22,363	22,173
Central America	4,001	4,352	4,875	5,150	5,300	5,300
Caribbean	2,446	2,379	2,275	2,633	2,733	2,733
South America	14,835	15,654	16,874	18,500	19,435	19,435
European Union	19,311	26,290	18,675	12,695	17,415	16,415
Former Soviet Union - 12	700	1,025	1,133	873	883	1,108
Middle East	35,950	34,061	34,003	31,361	36,111	35,161
North Africa	19,245	20,875	23,565	23,137	22,837	22,837
Sub-Saharan Africa	3,269	3,477	3,878	4,328	3,673	3,598
East Asia	48,740	43,903	51,826	77,165	80,785	80,585
Southeast Asia	15,552	17,874	19,960	21,965	20,965	21,465
Others	5,531	6,779	6,657	6,382	5,832	5,957
Total	190,739	199,279	206,261	225,792	238,332	236,767
Production						
North America	443,821	437,578	420,140	436,072	460,791	461,739
South America	139,324	179,181	177,560	167,484	197,715	197,715
European Union	143,907	140,675	152,726	153,133	154,600	153,400
Other Europe	15,480	18,647	20,929	21,515	19,743	19,743
Former Soviet Union - 12	88,881	93,534	101,441	94,590	103,616	103,526
Middle East	19,357	19,435	24,127	25,445	20,885	20,885
North Africa	11,463	13,190	11,593	10,579	12,289	12,289
Sub-Saharan Africa	117,110	122,778	120,463	126,765	128,957	128,957
East Asia	268,365	266,697	271,041	270,819	278,226	278,226
South Asia	60,202	57,708	63,353	66,262	65,957	65,757
Southeast Asia	34,841	34,883	33,642	35,135	34,870	34,870
Oceania	12,700	12,103	12,508	16,999	14,063	14,813
Others	4,984	4,741	4,661	4,592	4,885	4,885
Total	1,360,435	1,401,150	1,414,184	1,429,390	1,496,597	1,496,805
Domestic Consumption						
North America	395,953	397,603	395,969	391,801	396,511	395,163
South America	110,739	115,543	117,523	118,675	124,508	124,308
European Union	152,900	158,474	158,628	155,648	159,426	157,826
Other Europe	17,256	18,161	18,598	20,365	18,487	18,487
Former Soviet Union - 12	54,606	51,042	56,330	58,360	57,727	57,607
Middle East	54,733	54,897	56,170	55,938	57,957	56,907
North Africa	31,665	32,563	35,509	34,175	35,035	35,035
Sub-Saharan Africa	117,878	125,037	121,826	125,103	127,728	127,648
East Asia	317,259	322,994	332,068	349,978	359,164	359,064
South Asia	60,446	60,954	63,054	66,707	68,396	68,321
Southeast Asia	47,320	48,199	48,301	53,458	53,713	54,213
Oceania	6,482	8,138	8,328	8,945	9,591	9,441
Others	11,482	11,590	11,920	12,474	12,631	12,631
Total	1,378,719	1,405,195	1,424,224	1,451,627	1,480,874	1,476,651
Ending Stocks						
North America	68,663	69,543	59,950	37,037	44,507	45,616
South America	16,793	12,879	12,823	10,936	15,205	15,093
European Union	16,235	14,507	14,378	13,463	14,107	13,807
Other Europe	2,354	2,827	3,157	2,602	2,459	2,459
Former Soviet Union - 12	5,943	4,977	6,396	5,842	5,625	5,395
Middle East	7,199	5,566	6,520	6,317	5,000	5,016
North Africa	3,324	3,777	3,846	3,374	3,460	3,460
Sub-Saharan Africa	12,814	11,240	9,954	11,589	12,188	12,053
East Asia	227,446	214,977	205,735	203,711	203,468	203,408
South Asia	5,142	3,774	4,975	5,641	4,367	4,367
Southeast Asia	3,241	4,146	4,271	5,301	4,076	4,076
Oceania	2,391	2,516	2,978	3,671	2,630	2,326
Others	1,300	1,216	960	846	1,118	1,118
Total	372,845	351,945	335,943	310,330	318,210	318,194

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 Jun	2021/22 Jul
TY Exports						
Argentina	24,198	32,879	39,917	33,500	38,000	38,000
Brazil	25,116	38,773	34,137	30,000	40,000	37,000
Burma	1,350	1,500	2,209	1,750	1,600	1,600
European Union	2,732	4,273	5,388	3,300	4,300	4,300
India	1,076	482	1,125	1,800	1,200	1,200
Paraguay	1,476	2,559	2,081	2,600	2,700	2,700
Russia	5,532	2,770	4,072	3,100	4,100	4,400
Serbia	819	2,836	3,123	3,500	3,100	3,100
South Africa	2,361	1,183	2,456	3,200	3,200	3,200
Ukraine	18,036	30,321	28,929	23,000	30,500	30,500
Others	8,017	6,666	5,354	5,553	5,536	5,336
Subtotal	90,713	124,242	128,791	111,303	134,236	131,336
United States	63,657	49,297	46,992	73,000	62,000	63,000
World Total	154,370	173,539	175,783	184,303	196,236	194,336
TY Imports						
Algeria	4,046	4,816	5,156	5,000	5,200	5,200
Bangladesh	1,145	1,358	2,003	1,900	1,600	1,600
Brazil	943	1,189	1,338	2,600	2,700	2,700
Canada	1,767	2,521	1,867	1,700	2,000	2,000
Chile	1,893	2,292	2,751	2,800	3,000	3,000
China	3,456	4,483	7,596	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	1,500	1,500	1,500
Egypt	9,464	9,367	10,432	10,300	10,400	10,400
European Union	17,667	23,583	17,384	11,200	16,000	15,000
Guatemala	1,091	1,224	1,527	1,600	1,700	1,700
Indonesia	530	1,015	860	850	1,200	1,200
Iran	8,900	9,000	6,800	6,000	8,000	7,000
Israel	1,861	1,611	1,992	2,000	2,200	2,200
Japan	15,668	16,050	15,888	15,400	15,900	15,900
Korea, South	10,018	10,856	11,882	11,500	11,700	11,700
Malaysia	3,645	3,674	3,777	3,900	3,900	3,900
Mexico	16,129	16,658	16,526	16,500	17,000	17,000
Morocco	2,283	2,728	2,963	3,000	3,100	3,100
Peru	3,402	3,694	3,822	4,000	4,200	4,200
Saudi Arabia	3,983	3,662	4,517	3,700	4,000	4,000
Taiwan	4,410	4,508	4,580	4,400	4,400	4,400
Turkey	3,410	3,669	3,004	2,100	3,600	3,600
United Kingdom	2,470	2,949	2,515	2,700	2,200	2,200
Vietnam	9,400	10,900	12,000	13,000	13,000	13,000
Others	17,526	17,737	20,190	19,787	19,491	19,641
Subtotal	151,637	167,128	168,700	179,437	190,191	188,341
Unaccounted	1,895	5,611	6,124	4,216	5,395	5,345
United States	838	800	959	650	650	650
World Total	154,370	173,539	175,783	184,303	196,236	194,336

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 Jun	2021/22 Jul
Production						
Argentina	32,000	51,000	51,000	48,500	51,000	51,000
Brazil	82,000	101,000	102,000	93,000	118,000	118,000
Canada	14,096	13,885	13,404	13,563	13,300	13,300
China	259,071	257,174	260,779	260,670	268,000	268,000
Ethiopia	8,007	8,350	8,500	8,600	8,600	8,600
European Union	62,021	64,351	66,735	63,975	66,700	66,700
India	28,753	27,715	28,766	30,250	29,500	29,500
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	8,300	8,000	8,000
Russia	13,201	11,415	14,275	13,872	14,900	15,400
South Africa	13,104	11,824	15,844	17,000	17,000	17,000
Ukraine	24,115	35,805	35,887	30,297	37,500	37,500
Others	108,219	114,726	109,482	115,767	117,990	117,990
Subtotal	708,358	762,350	771,596	760,394	809,090	809,590
United States	371,096	364,262	345,962	360,252	380,764	385,209
World Total	1,079,454	1,126,612	1,117,558	1,120,646	1,189,854	1,194,799
Total Consumption						
Argentina	12,400	13,800	13,500	14,500	14,500	14,500
Brazil	63,500	67,000	68,500	68,500	73,000	73,000
Canada	13,909	15,088	13,959	14,000	14,500	14,500
China	263,000	274,000	278,000	289,000	294,000	294,000
Egypt	15,900	16,200	16,900	16,900	16,900	16,900
European Union	75,200	85,000	78,800	72,500	77,900	76,900
India	26,700	28,500	27,200	28,500	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	15,950	15,950
Korea, South	10,000	10,947	11,795	11,400	11,800	11,800
Mexico	42,500	44,100	43,800	43,700	43,800	44,000
Nigeria	11,100	11,300	11,250	10,450	11,400	11,400
Russia	8,300	8,500	9,800	10,700	11,100	11,300
South Africa	12,230	12,536	12,200	12,800	13,300	13,300
Vietnam	13,600	14,200	14,550	16,500	17,050	17,050
Others	182,848	189,024	191,493	197,895	202,360	201,540
Subtotal	775,859	835,089	825,110	836,480	868,223	870,023
United States	313,991	310,391	309,547	309,768	312,816	313,451
World Total	1,089,850	1,145,480	1,134,657	1,146,248	1,181,039	1,183,474
Ending Stocks						
Argentina	2,407	2,367	3,619	2,124	2,629	2,629
Brazil	9,315	5,311	5,230	5,230	8,930	8,930
China	222,525	210,163	200,526	198,176	198,156	198,156
European Union	8,983	7,644	7,575	6,950	7,450	7,450
Korea, South	1,848	1,835	1,998	2,176	2,151	2,151
Mexico	5,649	5,160	3,515	2,615	2,915	2,915
South Africa	2,672	1,020	2,117	3,117	3,617	3,617
Others	33,660	32,648	32,122	31,986	29,097	28,961
Subtotal	287,059	266,148	256,702	252,374	254,945	254,809
United States	54,367	56,410	48,757	27,483	34,468	36,373
World Total	341,426	322,558	305,459	279,857	289,413	291,182

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Jun 2021/22	Jul 2021/22
TY Imports						
North America	18,734	19,979	19,352	18,850	19,650	19,650
Central America	4,001	4,352	4,875	5,150	5,300	5,300
South America	13,567	14,317	15,572	16,945	17,760	17,760
European Union	17,667	23,583	17,384	11,200	16,000	15,000
Former Soviet Union - 12	440	588	564	487	450	650
Middle East	22,130	22,038	21,005	18,190	22,360	21,410
North Africa	17,246	18,531	20,306	19,900	20,400	20,400
Sub-Saharan Africa	2,462	2,776	3,131	3,478	2,860	2,760
East Asia	33,599	35,960	40,005	57,350	58,050	58,050
Southeast Asia	15,183	17,483	19,007	20,015	19,915	19,915
Caribbean	2,446	2,377	2,275	2,630	2,730	2,730
Others	5,000	5,944	6,183	5,892	5,366	5,366
Total	152,475	167,928	169,659	180,087	190,841	188,991
Production						
North America	412,761	405,818	386,024	400,815	422,064	426,509
South America	126,174	164,763	163,713	151,850	180,730	180,730
European Union	62,021	64,351	66,735	63,975	66,700	66,700
Other Europe	5,385	9,426	9,630	10,106	9,180	9,180
Former Soviet Union - 12	42,257	53,119	56,055	49,412	58,005	58,505
Middle East	6,966	7,319	7,945	9,060	8,169	8,169
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	259,584	263,188	263,076	270,459	270,459
South Asia	40,972	41,202	43,318	46,083	45,583	45,583
Central America	3,865	3,585	3,550	3,491	3,861	3,861
Southeast Asia	34,551	34,593	33,352	34,845	34,580	34,580
Others	1,310	1,297	1,232	1,329	1,395	1,395
Total	1,079,454	1,126,612	1,117,558	1,120,646	1,189,854	1,194,799
Domestic Consumption						
North America	370,400	369,579	367,306	367,468	371,116	371,951
South America	98,398	103,926	105,402	106,150	111,500	111,500
European Union	75,200	85,000	78,800	72,500	77,900	76,900
Other Europe	7,987	9,453	9,261	9,766	9,035	9,035
Former Soviet Union - 12	19,202	20,312	21,940	24,272	23,395	23,825
Middle East	27,919	28,778	28,114	27,060	30,615	29,665
North Africa	24,400	24,600	27,190	26,700	26,900	26,900
Sub-Saharan Africa	74,831	76,930	76,592	78,022	80,645	80,545
East Asia	295,227	307,673	312,704	322,800	328,700	328,700
South Asia	41,206	43,799	43,314	46,530	47,820	47,820
Southeast Asia	46,667	47,519	47,066	51,220	52,375	52,375
Central America	7,830	8,070	8,420	8,750	8,860	8,860
Others	3,911	3,847	3,735	4,075	4,215	4,215
Total	1,093,178	1,129,486	1,129,844	1,145,313	1,173,076	1,172,291
Ending Stocks						
North America	62,433	63,549	54,831	32,420	39,505	41,410
South America	15,071	10,838	10,821	8,881	13,148	13,136
European Union	8,983	7,644	7,575	6,950	7,450	7,450
Other Europe	925	1,434	1,514	1,421	1,061	1,061
Former Soviet Union - 12	2,582	2,200	3,264	2,601	2,561	2,531
Middle East	3,213	2,919	3,196	3,026	2,670	2,680
North Africa	2,462	2,473	2,379	2,090	2,106	2,106
Sub-Saharan Africa	10,630	8,613	7,963	9,459	10,228	10,128
East Asia	226,575	214,420	204,897	202,503	202,292	202,292
South Asia	3,928	3,034	3,734	4,282	3,120	3,120
Southeast Asia	3,230	4,135	4,262	5,292	4,067	4,067
Central America	1,040	955	798	674	960	960
Others	354	344	225	258	245	241
Total	341,426	322,558	305,459	279,857	289,413	291,182

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 Jun	2021/22 Jul
TY Exports						
Argentina	2,537	3,001	2,598	2,900	3,500	3,500
Australia	6,088	3,666	3,231	6,700	5,000	5,900
Canada	1,868	2,269	2,520	3,800	4,500	4,500
European Union	5,894	5,809	7,579	7,600	7,300	7,000
Kazakhstan	1,411	1,762	1,292	1,000	1,300	1,300
Russia	5,661	4,320	5,141	5,400	5,200	5,200
Syria	0	0	300	250	150	150
Ukraine	3,188	4,407	4,990	4,300	5,100	5,200
United Kingdom	896	1,538	1,397	1,425	1,000	1,000
Uruguay	12	62	41	200	150	150
Others	343	246	144	407	192	202
Subtotal	27,898	27,080	29,233	33,982	33,392	34,102
United States	102	101	155	275	275	175
World Total	28,000	27,181	29,388	34,257	33,667	34,277
TY Imports						
Algeria	439	467	503	800	700	700
Brazil	584	608	647	700	700	700
China	8,144	5,181	5,969	10,000	10,600	10,600
Colombia	324	341	308	320	350	350
European Union	979	1,762	1,089	1,400	1,300	1,300
Iran	2,700	3,200	2,300	2,500	2,400	2,400
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	350	500	500
Libya	438	888	891	900	700	700
Mexico	1	82	346	350	350	350
Morocco	363	299	1,073	700	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	600	1,000
Tunisia	674	487	751	800	700	700
Turkey	774	375	1,007	650	1,000	1,000
United Arab Emirates	263	476	443	470	500	500
Vietnam	177	133	198	750	400	500
Others	1,551	1,846	1,309	1,492	1,344	1,379
Subtotal	28,283	25,135	27,865	33,382	32,794	33,329
Unaccounted	-453	1,913	1,366	725	723	798
United States	170	133	157	150	150	150
World Total	28,000	27,181	29,388	34,257	33,667	34,277

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 Jun	2021/22 Jul
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	10,000	10,500
Canada	7,891	8,380	10,383	10,741	12,500	11,300
Ethiopia	2,032	2,200	2,300	2,350	2,350	2,350
European Union	51,482	49,470	55,270	55,283	56,000	54,800
India	1,747	1,781	1,633	1,720	1,850	1,650
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	4,000	3,700
Morocco	2,466	2,919	1,161	640	2,400	2,400
Russia	20,211	16,737	19,939	20,629	19,800	19,400
Turkey	6,400	7,000	7,900	8,100	6,200	6,200
Ukraine	8,695	7,604	9,528	7,947	9,100	9,200
United Kingdom	7,169	6,510	8,048	8,117	7,075	7,075
Others	10,661	10,101	12,942	12,311	11,696	11,706
Subtotal	140,096	136,082	154,061	156,142	153,671	150,981
United States	3,119	3,343	3,756	3,600	3,505	2,488
World Total	143,215	139,425	157,817	159,742	157,176	153,469
Total Consumption						
Algeria	1,850	2,000	2,350	2,650	2,550	2,550
Australia	3,700	5,000	6,000	6,000	6,200	5,900
Canada	6,805	6,508	8,108	7,250	8,000	6,800
China	9,300	6,200	6,700	10,700	11,500	11,500
Ethiopia	2,225	2,225	2,325	2,375	2,375	2,375
European Union	46,900	45,600	49,500	49,400	49,700	49,100
India	1,950	1,900	1,850	1,900	1,900	1,800
Iran	6,000	6,200	6,400	6,000	5,600	5,600
Kazakhstan	2,150	2,150	2,400	2,650	2,750	2,500
Morocco	2,800	2,900	2,500	1,400	2,400	2,400
Russia	14,500	12,200	15,400	14,600	14,800	14,500
Saudi Arabia	8,525	7,025	7,025	7,425	7,525	7,525
Turkey	6,700	7,500	8,500	8,990	7,500	7,400
Ukraine	4,500	4,200	4,500	4,000	4,000	4,000
United Kingdom	6,201	5,666	6,053	7,196	5,945	5,945
Others	18,886	19,231	21,863	22,918	22,253	22,753
Subtotal	141,998	137,244	151,707	156,795	155,705	153,400
United States	3,466	3,537	3,922	3,627	3,396	2,829
World Total	145,464	140,781	155,629	160,422	159,101	156,229
Ending Stocks						
Algeria	517	790	998	993	743	743
Australia	1,776	1,908	2,711	3,011	2,011	1,711
Canada	1,244	863	957	898	998	908
European Union	5,592	5,457	5,297	5,080	5,380	5,080
Russia	750	640	743	1,022	922	772
Saudi Arabia	1,841	1,327	1,016	1,102	1,088	1,088
United Kingdom	1,076	1,091	1,290	846	1,056	1,056
Others	6,574	6,111	7,500	7,065	6,263	6,219
Subtotal	19,370	18,187	20,512	20,017	18,461	17,577
United States	2,057	1,884	1,747	1,562	1,711	1,242
World Total	21,427	20,071	22,259	21,579	20,172	18,819

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Jun 2021/22	Jul 2021/22
TY Imports						
North America	227	253	589	750	600	510
South America	1,082	1,179	1,168	1,200	1,230	1,230
European Union	979	1,762	1,089	1,400	1,300	1,300
Other Europe	183	252	175	130	163	163
Former Soviet Union - 12	229	395	464	371	426	451
Middle East	13,758	11,967	12,942	13,100	13,680	13,680
North Africa	1,990	2,342	3,225	3,210	2,420	2,420
Sub-Saharan Africa	49	28	67	45	30	30
East Asia	9,499	6,441	7,324	11,260	11,960	11,960
South Asia	114	296	89	126	125	225
Oceania	19	14	7	40	10	10
Total	28,453	25,268	28,022	33,532	32,944	33,479
Production						
North America	12,015	12,719	15,149	15,141	16,965	14,748
South America	4,862	6,551	5,326	6,010	6,344	6,344
European Union	51,482	49,470	55,270	55,283	56,000	54,800
Other Europe	8,487	7,766	9,429	9,598	8,572	8,572
Former Soviet Union - 12	35,563	31,225	36,512	35,356	35,965	35,375
Middle East	11,352	11,069	15,194	15,390	11,693	11,693
North Africa	4,041	5,387	4,281	3,158	4,858	4,858
Sub-Saharan Africa	2,537	2,820	2,840	3,138	2,985	2,985
East Asia	1,381	1,283	1,324	1,264	1,238	1,238
South Asia	1,943	1,936	1,981	2,066	2,156	1,956
Oceania	9,552	9,199	10,511	13,338	10,400	10,900
Total	143,215	139,425	157,817	159,742	157,176	153,469
Domestic Consumption						
North America	11,281	11,095	13,330	12,077	12,696	10,929
South America	3,780	4,016	4,098	4,013	4,059	4,059
European Union	46,900	45,600	49,500	49,400	49,700	49,100
Other Europe	7,565	7,027	7,442	8,680	7,439	7,439
Former Soviet Union - 12	24,589	21,784	25,763	24,655	24,936	24,386
Middle East	25,727	25,012	27,006	27,812	26,258	26,158
North Africa	6,359	7,076	7,419	6,545	7,208	7,208
Sub-Saharan Africa	2,755	2,760	2,902	2,970	3,030	3,030
East Asia	10,914	7,845	8,440	12,380	13,235	13,235
South Asia	2,214	2,103	2,221	2,269	2,233	2,133
Oceania	4,050	5,385	6,390	6,380	6,600	6,300
Total	146,458	140,042	155,396	159,081	158,394	155,477
Ending Stocks						
North America	3,716	3,109	3,166	2,872	3,131	2,572
South America	705	1,157	1,131	1,105	970	970
European Union	5,592	5,457	5,297	5,080	5,380	5,080
Other Europe	1,229	1,227	1,458	1,006	1,218	1,218
Former Soviet Union - 12	2,569	2,311	2,575	2,539	2,416	2,216
Middle East	3,956	2,617	3,304	3,271	2,300	2,306
North Africa	806	1,249	1,420	1,240	1,310	1,310
Sub-Saharan Africa	308	375	353	551	521	521
East Asia	469	348	556	700	663	663
South Asia	253	264	235	153	191	191
Oceania	1,813	1,946	2,755	3,053	2,063	1,763
Total	21,427	20,071	22,259	21,579	20,172	18,819

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 Jun	2021/22 Jul
TY Exports						
Argentina	473	254	426	1,000	2,000	2,500
Australia	449	91	107	450	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	100	100	100
Ukraine	123	93	145	50	100	100
Others	310	286	163	212	213	213
Subtotal	1,710	923	986	1,977	3,063	3,563
United States	4,839	2,410	5,404	7,800	9,000	8,300
World Total	6,549	3,333	6,390	9,777	12,063	11,863
TY Imports						
Chile	49	73	36	50	70	70
China	4,436	652	3,709	7,800	10,000	9,800
Ethiopia	6	6	61	40	50	50
Japan	577	449	426	350	320	320
Kenya	141	109	52	200	170	170
Mexico	98	546	567	10	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	389	414	414
Subtotal	6,706	3,243	5,622	9,189	11,424	11,224
Unaccounted	-208	89	767	587	638	638
United States	51	1	1	1	1	1
World Total	6,549	3,333	6,390	9,777	12,063	11,863

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 Jun	2021/22 Jul
Production						
Argentina	3,000	2,500	2,500	3,200	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
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
European Union	660	753	848	1,010	1,050	1,050
India	4,803	3,480	4,772	4,800	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	7,128	7,761	7,606	7,580	7,566	7,566
Subtotal	48,787	50,269	49,610	52,575	54,366	54,366
United States	9,192	9,271	8,673	9,474	10,846	10,135
World Total	57,979	59,540	58,283	62,049	65,212	64,501
Total Consumption						
Argentina	3,100	2,150	2,050	1,900	2,100	1,900
Australia	800	1,050	300	700	1,100	1,100
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
China	6,900	3,600	7,200	11,100	13,500	13,400
Ethiopia	5,000	5,000	5,300	5,300	5,300	5,300
European Union	950	1,524	978	1,023	1,026	1,026
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	8,459	8,697	8,353	8,571	8,505	8,505
Subtotal	54,657	52,475	55,568	59,850	63,289	62,627
United States	4,119	6,212	4,365	2,159	1,905	1,905
World Total	58,776	58,687	59,933	62,009	65,194	64,532
Ending Stocks						
Argentina	515	454	266	266	416	316
Australia	273	287	34	234	234	234
Brazil	250	194	293	305	285	285
China	105	17	97	337	367	307
Ethiopia	664	619	571	436	376	336
India	274	153	394	594	444	444
Sudan	386	631	110	310	310	310
Others	1,354	1,587	1,380	1,134	1,250	1,250
Subtotal	3,821	3,942	3,145	3,616	3,682	3,482
United States	885	1,617	764	333	512	436
World Total	4,706	5,559	3,909	3,949	4,194	3,918

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Jun 2021/22	Jul 2021/22
TY Imports						
North America	149	547	568	11	51	51
South America	111	80	45	68	115	115
European Union	484	666	89	20	30	30
Other Europe	27	22	25	30	25	25
Middle East	41	39	48	41	41	41
North Africa	1	0	7	2	2	2
Sub-Saharan Africa	719	650	618	780	758	758
East Asia	5,139	1,175	4,180	8,205	10,375	10,175
Southeast Asia	22	36	41	25	25	25
Others	64	29	2	8	3	3
Total	6,757	3,244	5,623	9,190	11,425	11,225
Production						
North America	13,737	13,971	13,001	13,474	15,546	14,835
Central America	281	272	272	242	220	220
Caribbean	91	106	71	76	81	81
South America	6,420	5,918	6,252	7,258	8,191	8,191
European Union	660	753	848	1,010	1,050	1,050
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	28,839	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	4,945	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	175	175
Total	57,979	59,540	58,283	62,049	65,212	64,501
Domestic Consumption						
North America	8,819	11,312	9,365	6,259	6,505	6,505
Central America	281	275	272	245	222	222
Caribbean	91	108	71	79	84	84
South America	6,532	5,640	5,683	5,931	6,191	5,991
European Union	950	1,524	978	1,023	1,026	1,026
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	29,377	29,445	29,445
East Asia	7,605	4,156	7,657	11,517	13,877	13,777
South Asia	4,817	3,726	4,641	4,700	4,850	4,850
Southeast Asia	66	85	81	73	73	73
Oceania	800	1,050	300	700	1,100	1,100
Others	101	120	92	85	90	90
Total	58,903	58,608	59,018	61,178	64,666	64,366
Ending Stocks						
North America	998	1,876	917	366	694	618
Central America	12	9	9	6	4	4
South America	892	740	683	708	838	738
European Union	138	103	42	34	68	68
Middle East	0	0	0	0	0	0
North Africa	54	54	44	44	44	44
Sub-Saharan Africa	1,852	2,237	1,613	1,558	1,423	1,383
East Asia	157	38	134	364	394	334
South Asia	274	153	394	594	444	444
Oceania	273	287	34	234	234	234
Others	56	62	39	41	51	51
Total	4,706	5,559	3,909	3,949	4,194	3,918

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 Jun	2021/22 Jul
TY Exports						
Australia	550	250	245	400	300	400
Canada	1,685	1,665	1,899	2,000	2,100	2,000
European Union	141	119	235	120	200	200
Kazakhstan	10	27	7	10	10	10
Russia	34	134	73	75	100	100
Ukraine	7	11	16	15	15	15
United Kingdom	26	49	112	50	115	115
Others	40	47	18	20	17	17
Subtotal	2,493	2,302	2,605	2,690	2,857	2,857
United States	31	26	32	40	30	30
World Total	2,524	2,328	2,637	2,730	2,887	2,887
TY Imports						
Algeria	7	1	13	20	10	10
Chile	0	14	28	200	230	230
China	389	224	222	250	300	300
Ecuador	39	16	12	30	20	20
European Union	39	58	113	50	80	80
India	19	21	25	40	25	50
Japan	44	46	47	50	50	50
Korea, South	46	31	25	25	25	25
Malaysia	23	16	29	25	25	25
Mexico	168	129	137	180	200	150
Norway	21	93	45	20	25	25
Peru	29	41	45	50	70	70
South Africa	39	23	62	25	25	50
Switzerland	49	51	56	50	50	50
United Kingdom	14	28	28	23	20	20
Others	29	54	46	34	38	38
Subtotal	955	846	933	1,072	1,193	1,193
Unaccounted	26	85	113	128	94	144
United States	1,543	1,397	1,591	1,530	1,600	1,550
World Total	2,524	2,328	2,637	2,730	2,887	2,887

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 Jun	2021/22 Jul
Production						
Algeria	110	110	110	110	110	110
Argentina	492	572	600	650	690	690
Australia	1,227	1,135	1,143	1,675	1,300	1,550
Belarus	460	342	368	370	375	375
Brazil	634	795	879	846	927	927
Canada	3,733	3,436	4,227	4,576	4,300	3,900
Chile	571	385	477	638	600	600
China	550	575	625	625	625	625
European Union	7,183	6,940	6,954	8,249	7,450	7,450
Kazakhstan	285	336	267	240	275	275
Norway	283	144	300	300	300	300
Russia	5,448	4,715	4,420	4,127	4,500	4,500
Turkey	250	230	230	240	250	250
Ukraine	481	423	427	515	475	475
United Kingdom	875	850	1,076	1,031	1,200	1,200
Others	371	411	356	385	401	401
Subtotal	22,953	21,399	22,459	24,577	23,778	23,628
United States	720	815	773	949	769	600
World Total	23,673	22,214	23,232	25,526	24,547	24,228
Total Consumption						
Argentina	525	550	600	640	710	710
Australia	900	900	970	1,100	1,050	1,200
Belarus	460	375	370	370	370	370
Brazil	675	775	845	845	915	915
Canada	2,041	2,083	2,419	2,350	2,300	2,100
Chile	570	390	520	780	800	800
China	850	870	870	880	950	950
European Union	7,050	7,000	6,900	8,025	7,450	7,450
Kazakhstan	275	315	250	230	275	275
Mexico	200	255	210	245	290	240
Norway	320	250	345	320	325	325
Russia	5,400	4,700	4,200	4,050	4,400	4,400
Turkey	240	230	240	240	240	240
Ukraine	480	450	420	475	475	475
United Kingdom	838	867	963	1,012	1,100	1,100
Others	734	677	674	776	750	795
Subtotal	21,633	20,705	20,806	22,527	22,456	22,452
United States	2,358	2,326	2,344	2,358	2,508	2,341
World Total	23,991	23,031	23,150	24,885	24,964	24,793
Ending Stocks						
Australia	196	191	114	289	239	239
Canada	778	397	426	662	572	472
Chile	46	29	47	100	125	125
China	241	170	147	142	117	117
European Union	500	371	321	475	355	355
Russia	167	60	195	198	199	199
United Kingdom	138	116	135	127	132	132
Others	356	317	363	378	346	351
Subtotal	2,422	1,651	1,748	2,371	2,085	1,990
United States	595	549	534	552	437	368
World Total	3,017	2,200	2,282	2,923	2,522	2,358

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Jun 2021/22	Jul 2021/22
TY Imports						
North America	1,723	1,535	1,744	1,720	1,810	1,710
South America	75	78	89	287	330	330
European Union	39	58	113	50	80	80
Other Europe	90	178	136	103	105	105
Former Soviet Union - 12	3	31	5	2	3	3
Middle East	0	0	0	0	0	0
North Africa	8	2	27	25	15	15
Sub-Saharan Africa	39	23	62	25	25	50
East Asia	479	301	294	325	375	375
South Asia	19	21	25	40	25	50
Southeast Asia	23	16	29	25	25	25
Oceania	0	0	0	0	0	0
Total	2,498	2,243	2,524	2,602	2,793	2,743
Production						
North America	4,525	4,354	5,099	5,585	5,159	4,590
South America	1,754	1,830	2,015	2,194	2,282	2,282
European Union	7,183	6,940	6,954	8,249	7,450	7,450
Other Europe	1,301	1,139	1,515	1,474	1,640	1,640
Former Soviet Union - 12	6,679	5,822	5,488	5,258	5,631	5,631
Middle East	250	230	230	240	250	250
North Africa	145	131	118	145	155	155
Sub-Saharan Africa	23	33	17	56	30	30
East Asia	551	576	626	626	626	626
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	1,324	1,574
Total	23,673	22,214	23,232	25,526	24,547	24,228
Domestic Consumption						
North America	4,599	4,664	4,973	4,953	5,098	4,681
South America	1,915	1,842	2,086	2,409	2,590	2,590
European Union	7,050	7,000	6,900	8,025	7,450	7,450
Other Europe	1,357	1,317	1,504	1,536	1,624	1,624
Former Soviet Union - 12	6,620	5,846	5,246	5,131	5,526	5,526
Middle East	240	230	240	240	240	240
North Africa	152	134	131	173	170	170
Sub-Saharan Africa	66	65	69	85	60	80
East Asia	940	951	943	955	1,026	1,026
South Asia	19	21	25	40	25	50
Southeast Asia	23	16	29	25	25	25
Oceania	935	927	994	1,124	1,074	1,224
Total	23,916	23,013	23,140	24,696	24,908	24,686
Ending Stocks						
North America	1,377	949	968	1,217	1,012	843
South America	125	144	188	242	249	249
European Union	500	371	321	475	355	355
Other Europe	200	166	185	175	180	180
Former Soviet Union - 12	330	177	322	352	334	334
Middle East	16	16	6	6	16	16
North Africa	2	1	3	0	0	0
Sub-Saharan Africa	24	15	25	21	16	21
East Asia	244	170	147	143	118	118
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	2,200	2,282	2,923	2,522	2,358

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 Jun	2021/22 Jul
TY Exports						
Albania	0	0	0	0	0	0
Canada	227	152	147	160	200	200
European Union	103	191	274	160	125	125
Russia	152	178	6	70	50	50
Ukraine	84	42	8	15	35	35
Others	1	1	0	25	0	0
Subtotal	567	564	435	430	410	410
United States	4	4	6	4	5	5
World Total	571	568	441	434	415	415
TY Imports						
Belarus	28	9	3	3	3	3
Canada	2	2	3	2	2	2
European Union	142	221	0	25	5	5
Israel	21	17	8	30	30	30
Japan	21	23	19	20	20	20
Korea, South	3	3	4	5	5	5
Norway	5	19	10	10	10	10
Others	10	8	102	16	4	4
Subtotal	232	302	149	111	79	79
Unaccounted	15	-28	8	53	86	86
United States	324	294	284	270	250	250
World Total	571	568	441	434	415	415

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 Jun	2021/22 Jul
Production						
Argentina	86	87	220	140	135	135
Belarus	670	503	756	900	700	700
Canada	341	236	333	488	510	510
European Union	7,366	6,173	8,396	9,115	8,300	8,300
Russia	2,540	1,914	1,424	2,376	2,050	2,050
Turkey	320	320	320	320	330	330
Ukraine	510	396	339	459	530	530
Others	211	156	197	206	205	205
Subtotal	12,044	9,785	11,985	14,004	12,760	12,760
United States	260	214	270	293	287	307
World Total	12,304	9,999	12,255	14,297	13,047	13,067
Total Consumption						
Argentina	86	87	220	140	135	135
Belarus	665	550	750	900	700	700
Canada	189	169	181	240	300	300
European Union	7,600	6,350	8,100	9,100	8,250	8,250
Kazakhstan	35	35	27	35	35	35
Norway	54	27	59	60	60	60
Russia	2,500	1,750	1,550	2,200	2,050	2,050
Turkey	320	320	320	320	330	330
Ukraine	480	332	332	420	490	490
United Kingdom	42	38	36	37	36	36
Others	135	134	124	150	147	147
Subtotal	12,139	9,817	11,690	13,682	12,615	12,615
United States	483	518	550	528	536	557
World Total	12,622	10,335	12,240	14,210	13,151	13,172
Ending Stocks						
Belarus	61	35	44	22	25	25
Canada	124	49	40	130	142	142
European Union	591	513	551	431	361	361
Japan	1	1	1	1	1	1
Russia	260	141	104	210	160	160
Turkey	14	14	14	14	14	14
Ukraine	69	47	48	72	77	77
Others	16	4	0	5	1	1
Subtotal	1,136	804	802	885	781	781
United States	15	11	28	32	23	31
World Total	1,151	815	830	917	804	812

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Jun 2021/22	Jul 2021/22
TY Imports						
North America	326	296	287	272	252	252
South America	0	0	0	0	0	0
European Union	142	221	0	25	5	5
Other Europe	15	25	15	16	13	13
Former Soviet Union - 12	28	11	100	13	4	4
Middle East	21	17	8	30	30	30
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	24	26	23	25	25	25
Oceania	0	0	0	0	0	0
Total	556	596	433	381	329	329
Production						
North America	601	450	603	781	797	817
South America	97	100	234	155	151	151
European Union	7,366	6,173	8,396	9,115	8,300	8,300
Other Europe	128	87	127	128	126	126
Former Soviet Union - 12	3,759	2,836	2,542	3,765	3,310	3,310
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	12,255	14,297	13,047	13,067
Domestic Consumption						
North America	672	687	731	768	836	857
South America	97	100	234	155	151	151
European Union	7,600	6,350	8,100	9,100	8,250	8,250
Other Europe	142	110	141	144	139	139
Former Soviet Union - 12	3,680	2,667	2,659	3,555	3,275	3,275
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	14,130	13,069	13,090
Ending Stocks						
North America	139	60	68	162	165	173
South America	0	0	0	0	0	0
European Union	591	513	551	431	361	361
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	309	263	263
Middle East	14	14	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	1	1	1	1	1	1
Oceania	0	0	0	0	0	0
Total	1,151	815	830	917	804	812

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.