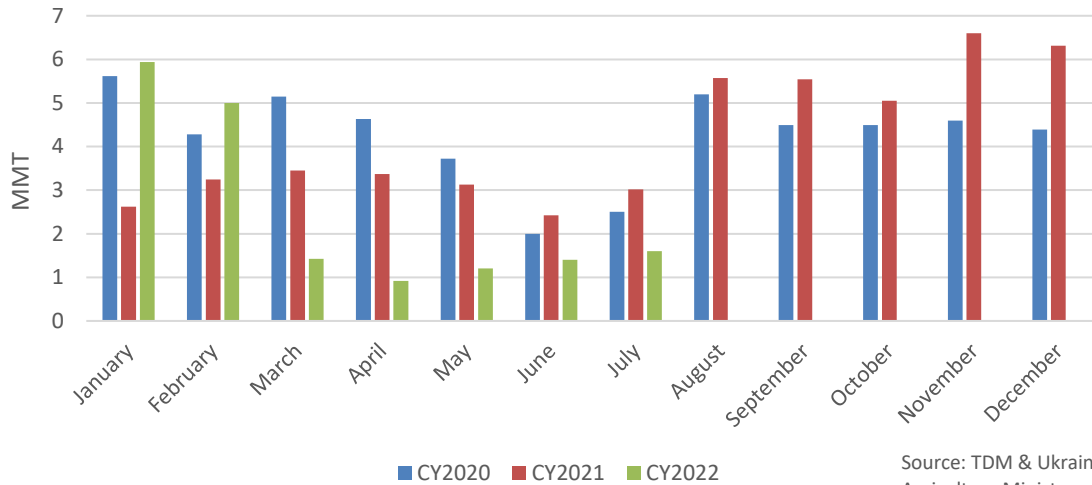


Grain: World Markets and Trade

Grain Corridor Agreement Offers Potential for More Ukraine Exports

Ukraine Monthly Exports of Wheat, Corn and Barley



On July 22, 2022, delegations from Ukraine, Turkey, Russia, and the United Nations signed an agreement to provide safe passage for grains from select Ukrainian ports (Odesa, Chornomorsk, Pyvdeny), offering a potential corridor for movement of Ukrainian grain through the Black Sea. This is welcome news for global importers as the expansion of Ukraine’s export capacity for corn, barley, and wheat may ease the pressure of high global commodity prices. The benefits for Ukraine are numerous, not least of which is the stimulation of the economy and influx of funds. For Ukrainian producers and exporters, the ability to ship stored grain at the ports that would otherwise be sitting idle, based on the current pace of exports, is significant. Few grain silos in Ukraine are equipped with the aeration systems essential for long-term storage, putting farmers and exporters at risk of losing a significant share of their commodities, and in turn, the capital required for planting next season. While there is cautious optimism about the deal, several roadblocks exist, namely continuing conflict in and around port infrastructure (including transshipment silos), the demining of ports and routes, and persistent high logistical costs related to freight and insurance rates.

Grain exports from Ukraine in the past have been highly seasonal with the largest volumes shipped just after harvest. Barley exports are robust between July and September, and wheat exports are largest between August and November. Corn volumes peak between November and May. Russia’s invasion of Ukraine has constrained grain exports this year, leaving larger-than-normal supplies in storage. While exports via land have helped to alleviate the strain on storage capacity, production from the current wheat and barley crops and upcoming corn crop are expected to far exceed domestic consumption needs in a highly export-dependent country. Despite the aforementioned roadblocks to the success of the Black Sea grain corridor, this potential relief valve for Ukrainian grain supplies comes at a timely moment, as exports historically pick up substantially over the next several months. As of this publication, about a dozen ships have left Ukrainian ports, primarily loaded with corn. USDA raised its 2022/23 forecasts for Ukraine corn exports 3.5 million tons to 12.5 million and Ukraine wheat exports 1.0 million tons to 11.0 million this month, in part reflecting expectations of improved export opportunities with the agreement.

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

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

FAS Reports and Databases:

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

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

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

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

[Export Sales Report](#)

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

Other USDA Reports:

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

[Economic Research Service](#)

[National Agricultural Statistics Service](#)

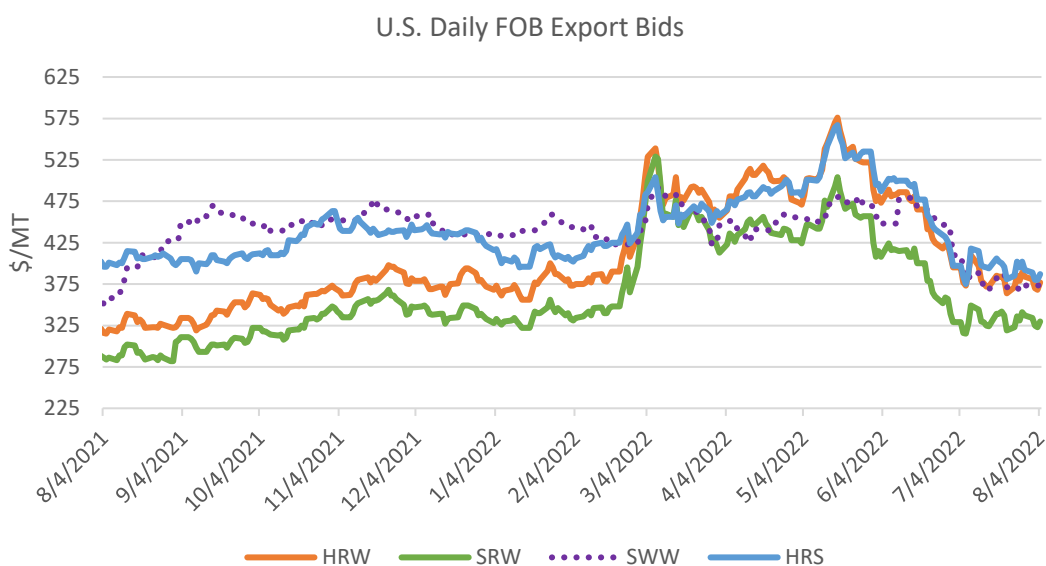
WHEAT

OVERVIEW FOR 2022/23

Global production is forecast up this month primarily on larger crops for Russia, China, Australia, and Canada, more than offsetting reductions for India, the European Union, and Argentina. Global consumption is raised this month, mainly on higher feed and residual use for Australia and Russia. Ending stocks are revised down mostly on a decline for India. Imports are raised on higher imports for Morocco, Algeria, and Turkey. Exports are also up with larger exports from Russia, Australia, Canada, Ukraine, and the United States more than offsetting reductions for the European Union and India. The U.S. season-average farm price is down \$1.25 per bushel to \$9.25.

WHEAT PRICES

Domestic: Following the July *WASDE* Report, U.S. quotes declined from the previous month, reflecting a combination of sustained weakness in demand for U.S. wheat and harvest pressure. Hard Red Spring (HRS) declined \$28/ton from last month to \$387/ton as NASS crop condition ratings in North Dakota and Minnesota improved. Hard Red Winter fell \$20/ton to \$377 as the harvest reaches completion. Soft White Winter (SWW) slid \$14/ton to \$374 as the building harvest pressured prices with a larger-than-expected crop. Soft Red Winter (SRW) dropped \$14/ton to \$330 with favorable recent harvest results.



Note: As of August 4, 2022

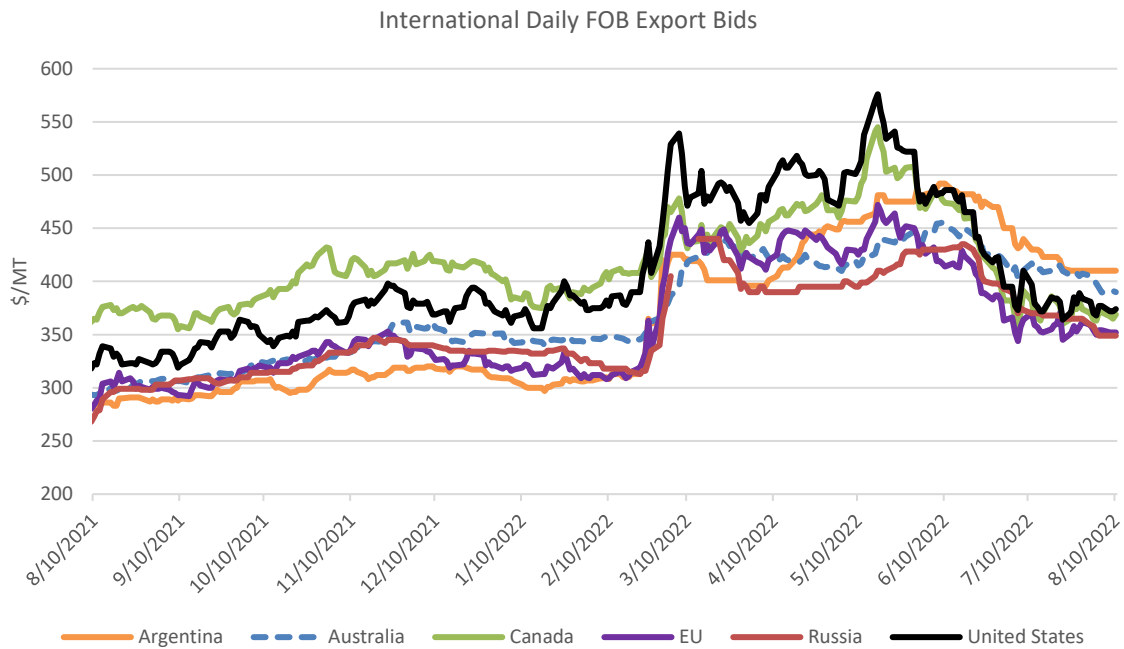
Source: IGC

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

Global: Global wheat prices declined slightly since the July WASDE. EU quotes fell \$18/ton on the declining euro and on the Ukraine safe passage agreement. Russian quotes are the most competitive and have fallen \$21/ton as beneficial weather boosts record production. Canadian quotes slid \$13/ton as much of the crop rates good/excellent after drought conditions in the western portions of the Prairies were alleviated by much-needed rainfall. Australian quotes experienced the largest drop of \$27/ton as continued favorable weather conditions are anticipated to elevate production above the 10-year average. Argentine quotes dropped \$20/ton to be more in line with other countries but Argentina remains the most expensive origin on tight stocks, the result of a robust pace of exports earlier this year.

Argentina	Australia	Canada	EU	Russia	United States
\$410	\$390	\$369	\$352	\$349	\$374

Note: As of August 10, 2022



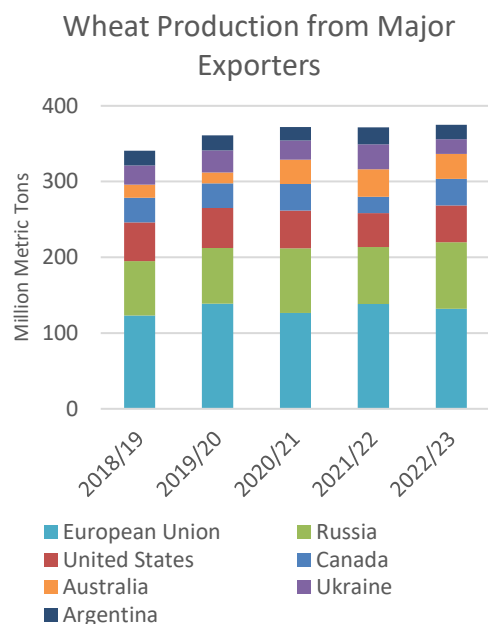
Source: IGC

*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

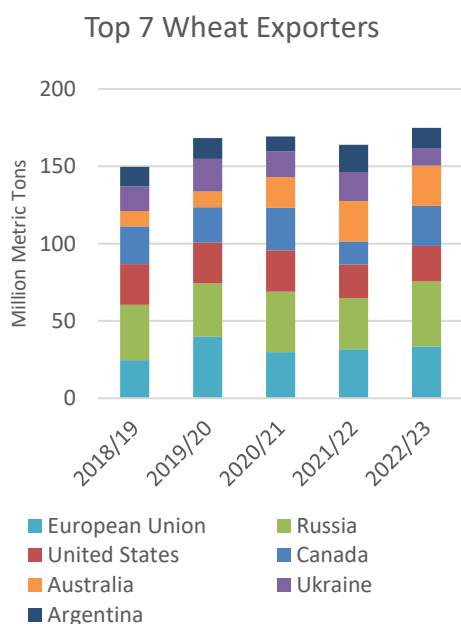
Wheat Production and Exports from Key Suppliers Rebound in 2022/23

Global wheat production is forecast up this month by nearly 8.0 million tons from July to a record 779.6, resulting in a slight year-over-year increase from 2021/22. While China, the world's largest wheat producer, accounts for a portion of this growth, most of the expanded production is concentrated in the major wheat exporting countries.



Russia wheat production is forecast to rebound to a record 88.0 million tons in 2022/23 on improved yields and higher harvested area. With its larger crop and strong demand from importers, Russia is poised to export a record 42.0 million tons this year. Demand has surged for competitively priced wheat from price-sensitive markets in Africa, the Middle East, and Southeast Asia while Ukrainian supplies remain constrained. Russian export quotes have fallen below primary competitors' as the harvest of its bumper crop began in July.

Canada wheat production is expected to rebound from its 2021/22 drought-impacted crop. 2022/23 production is forecast up 62 percent to 35.0 million tons. Canadian export quotes are already relatively affordable prior to the harvest of its spring wheat crop when compared to major competitors United States and Australia. This will allow Canada to recapture market share in its key export destinations in the Western Hemisphere and Asia, with exports forecast to rebound 74 percent to 26.0 million tons.



U.S. wheat production is also forecast to increase this year to 48.5 million tons, but still well below the 10-year production average. The spring wheat crop is forecast to rebound after last year's drought; however, dry conditions in the winter wheat belt have limited overall year-over-year production growth. U.S. wheat exports—forecast up 6 percent to 23.0 million tons—will all experience muted year-over-year growth due to increased competition from Canada.

Other major exporters – the European Union, Australia, Argentina, and Ukraine – will harvest smaller wheat crops in 2022/23. Despite reduced supplies, EU exports are forecast up and Australia exports are unchanged as strong global import demand continues.

TRADE CHANGES IN 2022/23 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Algeria	Imports	8,100	8,400	300	Larger-than-anticipated shipments from EU
Japan	Imports	5,500	5,700	200	Strong tendering activity from MAFF
Morocco	Imports	7,000	7,500	500	Strong pace of purchases from EU
Turkey	Imports	10,000	10,250	250	Smaller crop
Argentina	Exports	14,000	13,500	-500	Smaller crop
Australia	Exports	25,000	26,000	1,000	Larger crop
Canada	Exports	25,000	26,000	1,000	Larger crop and competitive prices
European Union	Exports	35,500	33,500	-2,000	Crop reduction
India	Exports	6,000	4,000	-2,000	Crop reduction and export restriction
Russia	Exports	40,000	42,000	2,000	Larger crop
Ukraine	Exports	10,000	11,000	1,000	Trade corridor agreement with Russia and Turkey
United States	Exports	22,000	23,000	1,000	Larger crop and competitive prices for some wheat classes

TRADE CHANGES IN 2021/22 (1,000 MT) – based on trade data

Country	Attribute	Previous	Current	Change
Afghanistan	Imports	3,200	3,600	400
Algeria	Imports	7,800	8,200	400
Azerbaijan	Imports	1,300	1,000	-300
Bangladesh	Imports	7,500	6,500	-1,000
Ethiopia	Imports	1,700	1,412	-288
Iran	Imports	7,700	8,000	300
Japan	Imports	5,400	5,605	205
Kazakhstan	Imports	1,400	2,500	1,100
Morocco	Imports	4,800	4,500	-300
Philippines	Imports	6,500	6,865	365
Saudi Arabia	Imports	3,400	3,100	-300
Sudan	Imports	2,100	2,400	300
Syria	Imports	1,400	1,600	200
United Kingdom	Imports	2,300	2,600	300
European Union	Exports	29,500	31,750	2,250
India	Exports	10,000	10,400	400
Serbia	Exports	900	1,114	214

RICE

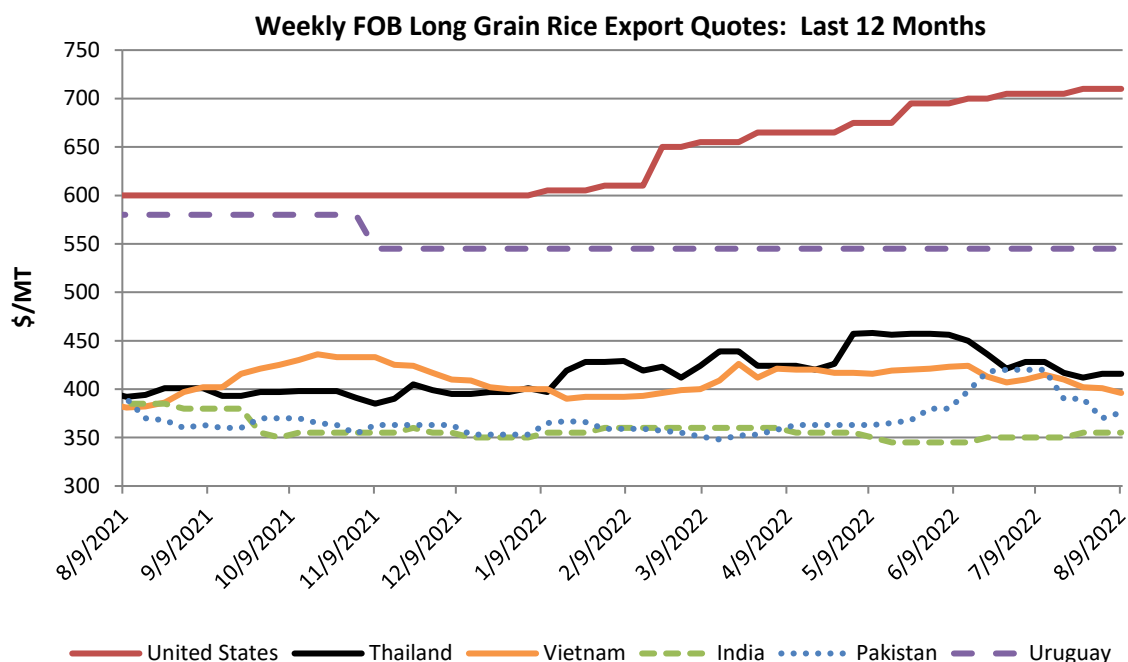
OVERVIEW FOR 2022/23

Global rice production is forecast lower this month, down slightly from last year's record, with reduced production for India and Bangladesh. Global consumption is slightly higher with increases for the European Union and the Philippines. Global stocks are expected to decline mainly due to reductions in India. Imports are forecast down with lower demand from Nepal and Indonesia, only partially offset by higher imports for Bangladesh and the European Union.

OVERVIEW FOR 2021/22

Global rice production is forecast slightly higher this month due to a larger crop in Nepal. Global consumption is up, primarily in India where increased government distributions of rice are compensating for lower wheat distributions. Global stocks are down mostly due to decreases for India, Thailand, and Vietnam. Imports are forecast up due to higher demand from Bangladesh, the Philippines, and Iraq. Exports are forecast slightly higher, primarily for India and Thailand.

RICE PRICES



In the past month, U.S. quotes rose \$5 to \$710/ton, the highest since 2008, amid tight supplies. Uruguayan prices remain steady at \$545/ton. Thai quotes fell \$12 to \$416/ton due to the harvest of the second crop. Vietnamese prices fell by \$14 to \$396/ton due to weaker demand from the Philippines. Pakistani quotes fell \$44 to \$376/ton on weak demand. Indian quotes rose minimally by \$5 to \$355/ton and remain the lowest globally.

MARKET FEATURE

Bangladesh Imports to Resume with Lower Tariff

Bangladesh is expected to import rice in large quantities for the next few months, more than doubling the 2022 estimate to 650,000 tons this month. On June 23, the government of Bangladesh reduced the import tariff on rice from 62.5 percent to 25.0 percent, in effect until October 31, 2022. The government is actively allocating import permits to private importers.

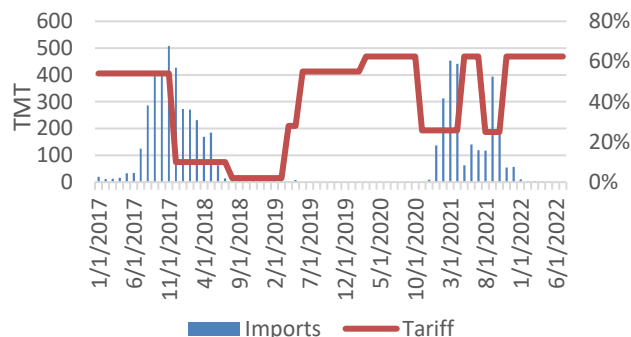
Rice is a staple food in Bangladesh and the country is largely self-sufficient in most years. Despite being the third largest rice producer globally, Bangladesh imports sporadically and can have a significant impact on global rice trade. The government adjusts the tariffs to spur imports to help keep domestic prices affordable when crops are smaller. The recent cut in the tariff rate is to help lower rising domestic prices due to a smaller forecast 2022/23 crop and high transportation costs that have contributed to inflation.

In past years, Bangladesh has similarly lowered tariff rates to offset smaller crops. For example, during January to April and August to October 2021, the Bangladesh government reduced tariff rates to 25 percent, resulting in nearly 2.7

million tons of imports. The main supplier was India due to competitive prices and abundant supplies. Bangladesh is again expected to import from India during the time of the reduced tariffs. Wholesale rice is currently \$570/ton in Bangladesh compared to \$335/ton for rice from India. With the 25 percent tariff, India rice would be entering the country at \$419/ton, much lower than Bangladesh's domestic rice prices.

So far this year, Bangladesh has imported just 24,000 tons from January through June. With reduced tariffs through October, imports are expected to surge during the next 4 months.

Bangladesh Rice Imports & Tariff Rate



Source: Trade Data Monitor, LLC

Bangladesh Wholesale Price v. India Export Quotes



Source: FAO FPMA Tool

TRADE CHANGES IN 2023 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	400	500	100	Smaller crop
European Union	Imports	2,400	2,500	100	Smaller crop due to lower planted area
Indonesia	Imports	650	550	-100	Sufficient stocks on hand
Nepal	Imports	1,400	1,200	-200	Larger crop

TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	300	650	350	Smaller crop and lower import tariffs
Indonesia	Imports	700	550	-150	Sufficient stocks and stable prices
Iraq	Imports	1,250	1,400	150	Large purchases of Thai rice
Nepal	Imports	1,350	1,150	-200	Larger crop
Philippines	Imports	3,100	3,200	100	Strong pace of imports
Vietnam	Imports	1,100	1,200	100	Smaller crop and strong demand
Brazil	Exports	850	950	100	Larger crop, strong pace of trade
India	Exports	21,500	21,750	250	Strong demand expected from Bangladesh after recent reduction in tariff rates
Thailand	Exports	7,000	7,200	200	Strong current pace, particularly to Iraq

COARSE GRAINS

OVERVIEW FOR 2022/23

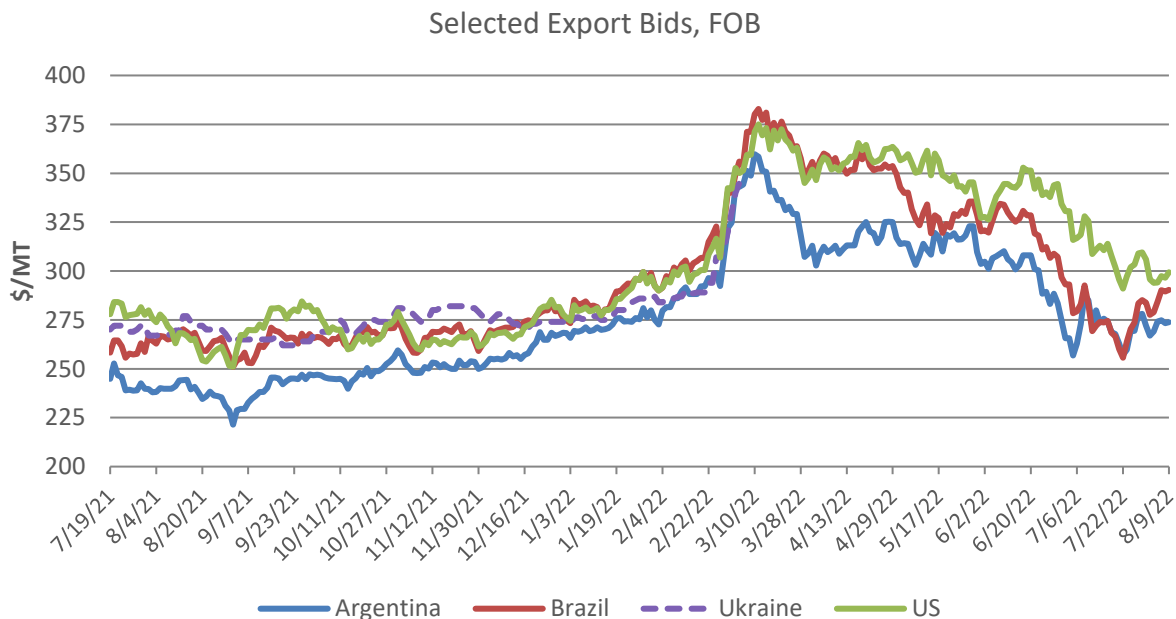
Global corn production is forecast down as crop reductions for the European Union, Serbia, and the United States exceed gains for Ukraine, Turkey, Russia, and Malawi. Global imports are up on a higher forecast for the European Union. Global exports are up with larger forecasts for Russia, Serbia, and Ukraine more than offsetting a reduction for the European Union and the United States. The U.S. season-average farm price is unchanged at \$6.65 per bushel.

OVERVIEW FOR 2021/22

Global corn production is forecast up with increases for the European Union, Malawi, and Bolivia. Global exports are also forecast up with gains for Ukraine, Serbia, and the European Union. Global imports are forecast down with cuts to Algeria, Morocco, South Korea, and Vietnam exceeding larger imports for Canada. The U.S. season-average farm price is unchanged at \$5.95 per bushel.

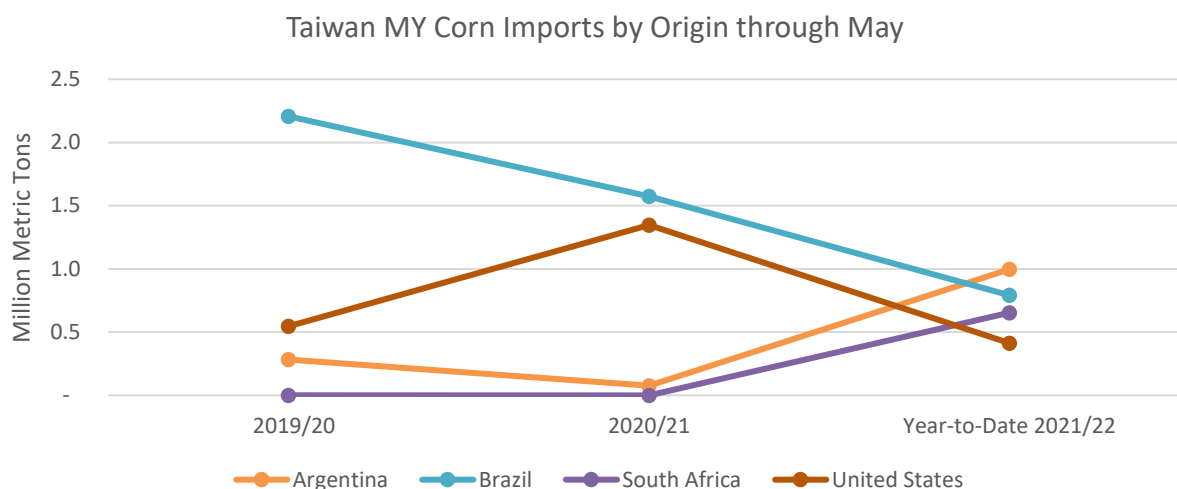
CORN PRICES

Since the July *WASDE*, major exporters' bids have been a mixed bag. U.S. bids were down \$19/ton to \$299. Argentine bids were little changed, down just \$1/ton to \$274. Brazilian bids were up by \$7/ton to \$290. Demand for Brazilian corn appears to be strong and shipped volumes in August could be record or near-record high. Ukrainian bids remain unpublished. The opening of the grain corridor in the Black Sea is expected to infuse the world with some additional Ukrainian grain supplies, but uncertainty remains regarding potential volumes beyond the initial burst of shipments.



MARKET FEATURE

Taiwan Imports Record Amounts of Corn from South Africa



Source: Trade Data Monitor, LLC

2021/22 Taiwan corn imports from South Africa already reach just over 650,000 tons between October 2021 and May 2022, more than double last year's annual total from the market. Imports to date (Oct 2021 to May 2022) are 3.0 million metric tons, nearly unchanged from the same period a year ago.

Taiwan corn production is limited, and the country relies on corn imports to meet industry feed demand for pork and poultry production. This demand has been stable in recent years – Taiwan imported 4.5 million tons in 2019/2020 and 4.3 million in 2020/21. High agricultural commodity and freight prices have not deterred the rate of Taiwanese corn imports due to continuing demand for animal products locally, and subsequently corn imports are forecast at 4.4 million tons in 2021/22.

Taiwan's main suppliers for corn imports are Argentina, Brazil, and the United States. However, in 2020/21, severe drought conditions in Brazil led to low levels of corn production and consequently lower exports. Brazil corn exports in 2020/21 to destinations in Asia were down significantly on the account of rising prices and higher shipping costs. Brazil corn exports to Taiwan dropped to 1.7 million tons in 2020/21, compared to 2.8 million tons in 2019/20.

Year to date 2021/22, Taiwan corn imports from the United States are at 412,000 tons – around 9 percent of imported corn volume. This stands in comparison to the same period in 2020/21 where imports from the United States were at 1.3 million tons – nearly a third of total imported corn volume. Outstanding sales to Taiwan from the United States are at nearly 45,000 tons for the remainder of 2021/2022, and sales for 2022/23 are just 4,505 tons.

In South Africa, record high corn prices and high stocks from 3 consecutive bumper crops ensured a favorable environment for exports. In addition to ample supplies, South African corn prices are competitive against other major exporters to Taiwan currently at \$350/ton. These price factors likely led to a surge in imports to meet feed demand in 2021/22.

TRADE CHANGES IN 2022/23 (1,000 MT)

Country	Commodity	Attribute	Previous	Current	Change	Reason
Australia	Barley	Exports	6,200	6,700	500	Larger production
	Sorghum	Exports	1,100	1,300	200	Larger production
China	Sorghum	Imports	9,500	8,000	-1,500	Lower exportable supplies from the United States
European Union	Barley	Exports	6,800	6,300	-500	Lower production
	Corn	Exports	4,700	2,700	-2,000	Drought conditions in Romania, a major exporter
	Corn	Imports	16,000	19,000	3,000	Lower production due to historic drought
Russia	Corn	Exports	3,800	4,000	200	Larger production
Serbia	Corn	Exports	100	1,600	1,500	Export ban lifted
Ukraine	Corn	Exports	9,000	12,500	3,500	Export opportunities to European Union and Middle East
United States	Corn	Exports	62,000	61,500	-500	Lower production
	Sorghum	Exports	7,300	5,800	-1,500	

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Algeria	Corn	Imports	3,400	3,000	-400	Pace of trade
Argentina	Sorghum	Exports	2,500	2,300	-200	Pace of trade
Canada	Corn	Imports	5,400	6,000	600	Pace of trade
European Union	Barley	Exports	7,200	6,900	-300	Observed exports to date
	Corn	Exports	5,600	5,800	200	
Iran	Barley	Imports	2,200	2,000	-200	Estimated pace of trade
Morocco	Corn	Imports	2,100	1,900	-200	Observed imports to date
Russia	Barley	Exports	3,500	3,000	-500	Estimated pace of trade
Saudi Arabia	Barley	Imports	4,500	4,200	-300	High prices, reduced feed consumption
Serbia	Corn	Exports	1,000	1,500	500	Export ban lifted
South Korea	Corn	Imports	11,700	11,500	-200	Observed imports to date
Ukraine	Corn	Exports	24,000	24,500	500	Observed exports to date
Vietnam	Corn	Imports	10,600	10,100	-500	Observed imports to date

ENDNOTES

REGIONAL TABLES

North America: Canada, Mexico, the United States

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

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

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

EU: Austria, Belgium/Luxembourg, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, and Sweden. Effective January 1, 2021, the separation of the United Kingdom (UK) from the European Union (EU) was complete, including trade between both entities. Starting in May 2021 with the release of 2021/22 data, grain PSDs reflect EU27 (shown in the PSD system as “European Union”) and UK separately. Beginning with the release of 2021/22 data, historical data for both EU27 and the UK are provided for 5 years (2016/17 through 2020/21). See below for notes on prior years’ EU Consolidated data.

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

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

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

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

Sub-Saharan Africa: all African countries except North Africa

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

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

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

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

OTHER NOTES

Marketing Years (MY): MY refers to the 12-month period at the onset of the main harvest, when the crop is marketed (i.e., consumed, traded, or stored). The year first listed begins a country's MY for that commodity (2022/23 starts in 2022); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the MY (2022/23 starts in 2023). 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 2022/23 corresponds to Jan – Dec 2023).

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, field crops 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](#) August 2022. This publication is available in its entirety on the Internet via the Foreign Agricultural Service Home Page. The address is: <http://www.fas.usda.gov>

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DATA TABLES

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All Grain Summary Comparison
Million Metric Tons

Marketing Year	Wheat			Rice, Milled			Corn			
	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23	
Production										
United States	(Jun-May)	49.8	44.8	48.5	7.2	6.1	5.6	358.4	383.9	364.7
Other		724.5	734.4	731.1	502.1	507.6	506.8	771.0	834.9	814.9
World Total		774.3	779.2	779.6	509.3	513.7	512.4	1,129.4	1,218.8	1,179.6
Domestic Consumption										
United States	(Jun-May)	30.4	30.6	30.4	4.9	4.7	4.6	306.7	314.8	308.6
Other		743.8	757.7	753.4	494.2	511.0	512.6	839.9	863.1	870.3
World Total		774.2	788.3	783.8	499.1	515.7	517.2	1,146.6	1,177.9	1,178.9
Ending Stocks										
United States	(Jun-May)	23.0	18.0	16.6	1.4	1.3	1.2	31.4	38.9	35.3
Other		267.3	258.3	250.7	186.5	183.5	177.3	261.5	272.9	271.4
World Total		290.3	276.3	267.3	187.9	184.8	178.5	292.9	311.8	306.7
TY Imports										
United States	(Jun-May)	2.5	2.6	3.0	1.0	1.3	1.4	0.6	0.7	0.7
Other		192.8	196.7	200.9	48.8	51.7	51.6	179.5	179.7	179.5
World Total		195.3	199.3	203.9	49.8	53.0	53.0	180.1	180.4	180.2
TY Exports										
United States	(Jun-May)	26.6	21.5	23.0	2.9	2.6	2.6	68.3	62.0	61.5
Other		172.7	183.0	185.1	48.9	52.1	52.1	115.7	129.4	124.7
World Total		199.3	204.5	208.1	51.8	54.7	54.7	184.0	191.4	186.2

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Argentina	12,680	13,608	9,597	17,651	14,000	13,500
Australia	9,835	10,118	19,720	26,113	25,000	26,000
Brazil	594	408	911	3,105	3,000	3,000
Canada	24,475	22,991	27,723	14,952	25,000	26,000
European Union	24,686	39,788	29,740	31,750	35,500	33,500
India	494	595	3,597	10,400	6,000	4,000
Kazakhstan	8,780	6,888	8,128	8,400	8,000	8,000
Russia	35,863	34,485	39,100	33,000	40,000	42,000
Turkey	6,676	6,633	6,571	6,646	6,750	6,750
Ukraine	16,019	21,016	16,851	18,800	10,000	11,000
Others	11,827	11,591	10,803	12,209	11,399	11,399
Subtotal	151,929	168,121	172,741	183,026	184,649	185,149
United States	26,202	26,390	26,573	21,479	22,000	23,000
World Total	178,131	194,511	199,314	204,505	206,649	208,149
TY Imports						
Afghanistan	3,700	3,000	3,400	3,600	3,400	3,400
Algeria	7,515	7,145	7,680	8,200	8,100	8,400
Bangladesh	5,100	6,800	7,200	6,500	7,000	7,000
Brazil	7,442	7,063	6,359	6,582	6,400	6,400
China	3,145	5,376	10,618	9,568	9,500	9,500
Colombia	1,705	2,276	1,906	2,100	2,300	2,300
Egypt	12,354	12,811	12,149	11,500	11,000	11,000
European Union	5,763	5,551	5,379	4,600	5,500	5,500
Indonesia	10,934	10,586	10,649	10,700	11,200	11,200
Iran	170	2,500	2,200	8,000	6,000	6,000
Iraq	4,031	2,242	2,175	2,576	3,500	3,500
Japan	5,726	5,683	5,493	5,605	5,500	5,700
Kenya	2,000	2,500	2,092	2,050	2,200	2,200
Korea, South	3,908	3,941	3,889	5,097	4,200	4,200
Mexico	4,861	5,080	4,724	5,400	5,200	5,200
Morocco	3,724	4,879	5,191	4,500	7,000	7,500
Nigeria	4,659	5,338	6,586	6,200	6,500	6,500
Pakistan	2	1	3,617	2,200	2,500	2,500
Philippines	7,570	7,065	6,113	6,865	6,200	6,200
Saudi Arabia	2,902	3,652	2,818	3,100	3,000	3,000
Thailand	2,899	3,501	3,306	2,351	2,700	2,700
Turkey	6,515	11,087	8,051	9,555	10,000	10,250
Uzbekistan	2,837	2,746	3,758	3,200	3,500	3,500
Vietnam	3,500	3,570	3,900	4,550	4,200	4,200
Yemen	3,675	3,728	4,043	3,408	3,700	3,700
Others	54,259	58,495	59,489	58,629	59,445	59,345
Subtotal	170,896	186,616	192,785	196,636	199,745	200,895
Unaccounted	3,739	5,062	4,021	5,224	3,904	4,254
United States	3,496	2,833	2,508	2,645	3,000	3,000
World Total	178,131	194,511	199,314	204,505	206,649	208,149

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Production						
Argentina	19,500	19,750	17,640	22,500	19,500	19,000
Australia	17,598	14,480	31,923	36,300	30,000	33,000
Brazil	5,428	5,200	6,250	7,700	8,500	8,700
Canada	32,352	32,670	35,183	21,652	34,000	35,000
China	131,441	133,600	134,250	136,946	135,000	138,000
Egypt	8,450	8,770	8,900	9,000	9,800	9,800
European Union	123,124	138,799	126,691	138,289	134,100	132,100
India	99,870	103,600	107,860	109,586	106,000	103,000
Iran	14,500	15,550	15,000	12,000	13,200	13,200
Kazakhstan	13,947	11,452	14,256	11,814	13,000	13,000
Pakistan	25,076	24,349	25,248	27,464	26,400	26,400
Russia	71,685	73,610	85,352	75,158	81,500	88,000
Turkey	19,000	17,500	18,250	16,000	17,500	17,250
Ukraine	25,057	29,171	25,420	33,007	19,500	19,500
United Kingdom	13,555	15,600	9,658	13,988	14,600	14,600
Others	59,031	64,930	62,644	63,049	60,570	60,525
Subtotal	679,614	709,031	724,525	734,453	723,170	731,075
United States	51,306	52,581	49,751	44,790	48,466	48,523
World Total	730,920	761,612	774,276	779,243	771,636	779,598
Total Consumption						
Algeria	10,750	10,950	11,150	11,370	11,570	11,570
Brazil	11,900	11,900	11,800	11,750	11,950	11,950
Canada	9,120	9,750	9,133	9,500	9,100	9,100
China	125,000	126,000	150,000	148,000	144,000	144,000
Egypt	20,100	20,300	20,600	20,500	20,600	20,600
European Union	106,300	107,250	104,750	108,750	107,500	107,000
India	95,629	95,403	102,217	109,878	104,500	104,500
Indonesia	10,600	10,300	10,300	10,500	10,900	10,900
Iran	16,100	17,200	17,400	18,200	18,400	18,400
Morocco	10,700	10,400	10,400	10,600	10,750	10,600
Pakistan	25,400	25,500	26,300	27,700	29,000	29,000
Russia	40,500	40,000	42,500	41,750	42,250	44,000
Turkey	18,800	20,000	20,600	20,200	20,700	20,700
Ukraine	8,800	8,300	8,700	10,000	10,200	10,200
United Kingdom	15,417	15,196	13,455	15,400	15,600	15,600
Others	177,104	181,459	184,472	183,586	184,206	185,296
Subtotal	704,270	715,505	751,811	762,524	753,953	758,174
United States	29,986	30,437	30,412	30,639	30,264	30,427
World Total	734,256	745,942	782,223	793,163	784,217	788,601
Ending Stocks						
Algeria	5,219	5,358	4,992	4,317	4,137	4,837
China	138,088	150,015	144,120	141,759	141,516	144,359
European Union	15,798	13,110	10,690	13,079	10,961	10,179
India	16,992	24,700	27,800	19,500	16,492	11,525
Iran	4,936	4,786	4,336	5,086	5,186	5,486
Russia	7,778	7,228	11,380	12,088	11,638	14,388
Ukraine	1,555	1,504	1,505	5,842	5,242	4,242
Others	62,791	63,527	62,442	56,713	54,962	55,728
Subtotal	253,157	270,228	267,265	258,384	250,134	250,744
United States	29,386	27,985	23,001	17,962	17,386	16,599
World Total	282,543	298,213	290,266	276,346	267,520	267,343

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	8,833	8,589	7,781	8,602	8,800	8,800
Central America	1,928	2,074	2,147	2,080	2,300	2,300
South America	14,955	15,537	15,246	14,822	15,570	15,470
European Union	5,763	5,551	5,379	4,600	5,500	5,500
Other Europe	4,663	3,533	4,799	4,397	3,760	3,760
Former Soviet Union - 12	7,841	8,034	9,416	10,205	9,300	9,300
Middle East	24,687	31,100	27,178	34,787	35,060	35,310
North Africa	26,956	27,991	28,246	27,300	29,400	30,200
Sub-Saharan Africa	22,572	26,953	26,581	25,863	26,410	26,410
East Asia	15,011	17,270	22,206	22,226	21,180	21,380
South Asia	10,059	11,307	16,137	13,790	14,785	14,785
Southeast Asia	27,757	27,561	26,704	27,404	27,200	27,200
Others	3,367	3,949	3,473	3,205	3,480	3,480
Total	174,392	189,449	195,293	199,281	202,745	203,895
Production						
North America	86,658	88,521	87,899	69,723	85,736	86,793
South America	28,859	28,773	27,853	33,950	32,032	31,737
European Union	123,124	138,799	126,691	138,289	134,100	132,100
Other Europe	18,129	19,831	14,083	18,627	19,240	19,240
Former Soviet Union - 12	123,432	129,099	139,464	134,119	128,445	134,945
Middle East	38,879	43,246	43,372	34,495	37,590	37,340
North Africa	21,002	18,399	15,810	20,431	17,150	17,150
Sub-Saharan Africa	8,283	8,431	9,456	9,369	9,866	9,816
East Asia	132,834	135,199	135,744	138,743	136,821	139,821
South Asia	131,655	136,335	141,426	144,656	140,101	137,101
Oceania	17,969	14,878	32,377	36,741	30,455	33,455
Others	96	101	101	100	100	100
Total	730,920	761,612	774,276	779,243	771,636	779,598
Domestic Consumption						
North America	46,606	47,587	46,745	47,639	46,864	47,127
South America	28,695	29,465	29,695	29,391	30,040	30,065
European Union	106,300	107,250	104,750	108,750	107,500	107,000
Other Europe	20,697	20,421	18,725	20,735	21,015	21,010
Former Soviet Union - 12	76,435	75,560	78,645	78,160	79,120	80,970
Middle East	59,919	62,860	64,322	63,689	64,960	64,910
North Africa	46,100	46,250	46,720	47,020	47,670	47,520
Sub-Saharan Africa	30,319	32,975	34,583	34,263	34,845	34,920
East Asia	137,750	138,638	162,368	161,144	156,420	156,445
South Asia	138,996	139,880	148,353	157,634	153,826	153,626
Southeast Asia	26,165	26,355	26,030	26,340	26,120	26,140
Oceania	10,610	9,410	9,435	10,015	9,025	10,025
Others	3,614	3,694	3,818	3,543	4,085	4,085
Total	732,206	740,345	774,189	788,323	781,490	783,843
Ending Stocks						
North America	36,030	33,869	28,929	21,973	21,867	21,130
South America	5,876	6,786	6,672	5,413	4,979	5,551
European Union	15,798	13,110	10,690	13,079	10,961	10,179
Other Europe	3,224	3,850	2,497	2,717	3,224	3,077
Former Soviet Union - 12	14,883	13,141	18,139	22,293	20,608	22,858
Middle East	14,412	17,849	16,851	14,122	14,305	14,292
North Africa	15,537	14,357	11,142	11,019	9,628	10,344
Sub-Saharan Africa	2,926	4,220	4,486	4,239	4,305	4,380
East Asia	141,028	153,011	147,013	145,096	144,806	148,122
South Asia	21,466	28,203	34,242	26,299	23,116	17,649
Southeast Asia	6,186	6,240	5,728	5,594	5,336	5,509
Oceania	4,769	3,029	3,263	3,839	3,851	3,529
Others	408	548	614	663	534	723
Total	282,543	298,213	290,266	276,346	267,520	267,343

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Argentina	388	335	400	320	320	320
Australia	134	42	72	250	280	280
Brazil	954	1,240	782	950	650	700
Burma	2,700	2,300	1,900	2,300	2,100	2,100
Cambodia	1,350	1,350	1,850	1,700	1,600	1,600
China	2,720	2,265	2,407	2,250	2,400	2,400
European Union	506	543	413	440	420	420
Guyana	511	552	406	430	450	450
India	9,813	14,577	21,238	21,750	22,000	22,000
Pakistan	4,550	3,934	3,928	4,800	4,900	4,900
Paraguay	689	803	640	640	700	700
Thailand	7,562	5,706	6,062	7,200	7,500	7,500
Turkey	202	234	241	230	230	230
Uruguay	809	969	704	820	850	850
Vietnam	6,581	6,167	6,272	6,600	6,400	6,400
Others	1,309	1,486	1,609	1,495	1,305	1,325
Subtotal	40,778	42,503	48,924	52,175	52,105	52,175
United States	3,142	2,857	2,917	2,550	2,550	2,550
World Total	43,920	45,360	51,841	54,725	54,655	54,725
TY Imports						
Brazil	691	876	685	850	850	850
China	2,800	3,200	4,921	5,800	6,000	6,000
Cote d'Ivoire	1,350	1,100	1,450	1,450	1,500	1,500
Egypt	665	309	326	800	850	850
Ethiopia	520	700	850	950	950	950
European Union	1,794	1,993	1,861	2,400	2,400	2,500
Ghana	900	850	1,050	950	1,000	1,000
Guinea	530	670	940	800	800	800
Iran	1,400	1,125	875	1,200	1,200	1,200
Iraq	1,263	970	1,280	1,400	1,350	1,350
Japan	678	676	662	685	685	685
Madagascar	440	450	560	700	750	750
Malaysia	1,000	1,220	1,150	1,200	1,200	1,200
Mali	300	300	300	800	700	700
Mexico	740	843	759	800	820	820
Mozambique	635	655	700	700	760	760
Nepal	620	980	1,260	1,150	1,400	1,200
Nigeria	1,800	1,800	2,100	2,200	2,200	2,200
Philippines	2,900	2,450	2,950	3,200	3,100	3,100
Saudi Arabia	1,425	1,613	1,200	1,400	1,400	1,400
Senegal	1,000	1,050	1,250	1,250	1,250	1,250
South Africa	944	1,000	1,000	1,000	1,025	1,025
United Arab Emirates	850	850	750	900	1,000	1,000
United Kingdom	587	654	600	650	660	660
Vietnam	500	400	1,800	1,200	800	800
Others	15,034	15,913	17,567	17,228	17,079	17,044
Subtotal	41,366	42,647	48,846	51,663	51,729	51,594
Unaccounted	1,572	1,503	2,017	1,762	1,526	1,731
United States	982	1,210	978	1,300	1,400	1,400
World Total	43,920	45,360	51,841	54,725	54,655	54,725

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Milled Production						
Bangladesh	34,909	35,850	34,600	35,850	36,000	35,650
Brazil	7,140	7,602	8,001	7,344	7,100	7,100
Burma	13,200	12,650	12,600	12,352	12,500	12,500
Cambodia	5,742	5,740	5,783	5,862	5,940	5,940
China	148,490	146,730	148,300	148,990	149,000	149,000
India	116,480	118,870	124,370	129,660	130,500	128,500
Indonesia	34,200	34,700	34,500	34,400	34,600	34,600
Japan	7,657	7,611	7,573	7,640	7,550	7,550
Korea, South	3,868	3,744	3,507	3,882	3,722	3,720
Nepal	3,736	3,696	3,743	3,730	3,665	3,763
Nigeria	5,294	5,314	5,148	5,255	5,355	5,355
Pakistan	7,202	7,414	8,420	8,700	8,900	8,900
Philippines	11,732	11,927	12,416	12,600	12,411	12,411
Thailand	20,340	17,655	18,863	19,650	19,800	19,800
Vietnam	27,344	27,100	27,381	27,069	27,400	27,400
Others	43,778	46,670	46,833	44,580	44,775	44,661
Subtotal	491,112	493,273	502,038	507,564	509,218	506,850
United States	7,107	5,877	7,224	6,090	5,541	5,589
World Total	498,219	499,150	509,262	513,654	514,759	512,439
Consumption and Residual						
Bangladesh	35,400	35,700	36,100	36,500	36,800	36,800
Brazil	7,350	7,300	7,350	7,350	7,300	7,300
Burma	10,250	10,400	10,500	10,500	10,500	10,500
Cambodia	4,300	4,350	4,300	4,200	4,200	4,200
China	142,920	145,230	150,293	156,290	156,600	156,600
Egypt	4,200	4,300	4,300	4,050	4,000	4,000
India	99,160	101,950	101,071	108,410	107,500	107,500
Indonesia	36,300	36,000	35,400	35,150	35,050	35,000
Japan	8,400	8,350	8,200	8,200	8,150	8,150
Nepal	4,376	4,521	4,968	4,830	5,065	4,963
Nigeria	6,950	7,050	7,150	7,250	7,450	7,450
Pakistan	3,200	3,400	3,800	4,000	4,100	4,100
Philippines	14,100	14,300	14,450	15,400	15,500	15,600
Thailand	11,800	12,300	12,700	13,000	13,100	13,100
Vietnam	21,200	21,250	21,450	21,500	21,700	21,700
Others	70,526	71,977	72,206	74,387	75,541	75,599
Subtotal	480,415	489,435	498,694	511,998	514,030	514,131
United States	4,577	4,586	4,860	4,716	4,605	4,604
World Total	484,992	494,021	503,554	516,714	518,635	518,735
Ending Stocks						
China	115,000	116,500	116,500	113,000	109,000	109,000
India	29,500	33,900	37,000	36,500	39,200	35,500
Indonesia	4,063	3,313	3,060	2,860	3,160	3,010
Nigeria	1,828	1,492	1,690	1,895	2,000	2,000
Philippines	3,520	3,597	3,763	4,513	4,424	4,424
Thailand	4,080	3,979	4,280	3,930	3,530	3,330
Vietnam	1,097	1,180	2,639	2,808	3,070	2,908
Others	16,526	17,296	17,556	17,992	17,252	17,188
Subtotal	175,614	181,257	186,488	183,498	181,636	177,360
United States	1,424	910	1,387	1,317	1,126	1,159
World Total	177,038	182,167	187,875	184,815	182,762	178,519

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	2,143	2,530	2,146	2,545	2,670	2,670
Caribbean	1,076	1,211	1,003	1,130	1,155	1,155
South America	1,941	2,295	1,781	2,082	2,165	2,165
Other Europe	707	777	710	775	785	785
Former Soviet Union - 12	569	517	585	549	635	595
Middle East	7,208	6,957	6,159	7,190	7,270	7,270
North Africa	1,022	575	595	1,085	1,125	1,125
Sub-Saharan Africa	13,815	14,315	15,945	16,950	17,270	17,270
East Asia	4,404	4,805	6,562	7,515	7,705	7,705
South Asia	951	1,405	4,389	2,855	2,557	2,457
Southeast Asia	5,815	5,399	7,239	6,862	6,432	6,332
European Union	1,794	1,993	1,861	2,400	2,400	2,500
Total	42,348	43,857	49,824	52,963	53,129	52,994
Production						
North America	7,295	6,052	7,425	6,273	5,729	5,777
Caribbean	1,010	957	886	891	891	891
South America	15,962	16,327	17,040	16,189	16,323	16,272
European Union	1,843	1,888	1,826	1,714	1,461	1,348
Former Soviet Union - 12	1,271	1,414	1,427	1,348	1,188	1,238
Middle East	2,616	2,950	2,896	2,691	2,840	2,840
North Africa	2,844	4,345	4,042	2,945	2,942	2,942
Sub-Saharan Africa	20,117	20,742	20,595	20,732	20,506	20,506
East Asia	162,732	161,159	162,004	163,072	162,829	162,827
South Asia	165,688	169,414	174,866	180,925	182,390	180,138
Southeast Asia	116,064	113,198	115,244	115,664	116,402	116,402
Total	498,219	499,150	509,262	513,654	514,759	512,439
Domestic Consumption						
North America	5,911	5,982	6,232	6,096	6,010	6,009
Central America	1,358	1,385	1,340	1,385	1,397	1,402
Caribbean	2,111	2,021	1,945	1,971	2,021	2,021
South America	14,905	14,862	14,953	15,075	15,183	15,161
European Union	3,246	3,394	3,400	3,500	3,450	3,550
Former Soviet Union - 12	1,574	1,641	1,717	1,691	1,701	1,676
Middle East	9,207	9,426	9,112	9,415	9,685	9,685
North Africa	4,591	4,604	4,625	4,380	4,317	4,317
Sub-Saharan Africa	33,628	34,458	35,437	36,769	37,456	37,456
East Asia	158,933	161,013	165,430	171,440	171,700	171,700
South Asia	145,573	149,359	149,884	157,880	157,795	157,693
Southeast Asia	102,952	103,718	103,951	104,976	105,276	105,326
Total	485,009	492,964	499,098	515,733	517,161	517,166
Ending Stocks						
North America	1,574	1,081	1,591	1,524	1,351	1,384
Central America	323	339	221	276	273	275
Caribbean	303	327	329	334	349	349
South America	1,941	1,639	2,138	1,904	1,934	1,910
European Union	931	899	663	737	680	615
Middle East	1,183	1,732	1,437	1,703	1,773	1,898
North Africa	949	1,232	1,150	695	440	440
Sub-Saharan Africa	3,597	3,077	3,130	3,613	3,543	3,543
East Asia	118,766	120,224	120,051	116,883	112,992	112,990
South Asia	32,370	37,257	41,144	41,127	43,161	39,311
Southeast Asia	14,880	14,112	15,650	15,580	15,770	15,288
Oceania	52	15	93	173	278	273
Total	177,038	182,167	187,875	184,815	182,762	178,519

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Argentina	36,134	42,943	40,977	47,402	47,001	47,001
Australia	4,049	3,627	9,705	11,675	7,875	8,575
Brazil	38,812	34,141	27,504	34,010	46,525	46,525
Canada	5,805	5,278	7,221	5,550	6,750	6,750
European Union	10,412	13,492	12,552	13,084	11,770	9,270
India	537	1,158	3,735	3,352	2,455	2,455
Paraguay	2,568	2,089	2,564	1,805	2,805	2,805
Russia	7,402	9,292	9,871	7,250	9,950	10,150
South Africa	1,191	2,465	2,756	3,514	3,710	3,710
Ukraine	34,874	34,088	29,049	27,030	10,830	14,330
Others	13,474	13,451	13,496	11,295	8,183	9,738
Subtotal	155,258	162,024	159,430	165,967	157,854	161,309
United States	51,838	52,632	75,623	69,764	69,485	67,485
World Total	207,096	214,656	235,053	235,731	227,339	228,794
TY Imports						
Algeria	5,284	5,672	4,977	3,760	4,810	4,810
Bangladesh	1,385	2,010	1,847	2,110	2,208	2,208
Brazil	1,797	1,995	2,679	3,201	1,800	1,800
Canada	2,570	1,972	1,871	6,217	2,542	2,542
Chile	2,431	2,838	2,557	2,520	2,595	2,595
China	10,540	17,480	50,531	42,350	37,350	35,850
Colombia	6,390	6,285	6,132	6,351	6,301	6,301
Egypt	9,568	10,444	9,653	9,210	9,210	9,210
European Union	26,290	18,675	15,820	17,645	17,185	20,220
Guatemala	1,224	1,527	1,346	1,500	1,600	1,600
Iran	12,200	9,100	10,900	10,500	12,000	12,000
Israel	1,896	2,397	1,995	1,890	1,880	1,880
Japan	17,726	17,633	16,980	16,819	16,670	16,670
Korea, South	10,964	11,978	11,804	11,615	11,600	11,600
Malaysia	3,690	3,806	3,726	3,820	3,825	3,825
Mexico	17,415	17,576	17,301	18,325	18,470	18,570
Morocco	3,028	4,052	2,938	2,707	3,012	3,012
Peru	3,875	4,090	3,851	3,970	4,055	4,055
Saudi Arabia	9,368	11,825	9,128	7,710	8,710	8,710
Taiwan	4,610	4,660	4,472	4,485	4,480	4,480
Thailand	1,406	2,287	2,889	1,800	2,200	2,200
Tunisia	1,418	1,660	1,962	1,700	1,650	1,650
Turkey	4,044	4,011	3,428	4,950	3,800	3,800
United Kingdom	3,087	2,674	2,934	2,451	1,952	1,952
Vietnam	11,033	12,198	11,947	10,750	12,700	12,700
Others	23,479	24,537	23,853	24,190	24,769	24,774
Subtotal	196,718	203,382	227,521	222,546	217,374	219,014
Unaccounted	7,753	8,282	5,002	10,574	7,314	7,129
United States	2,625	2,992	2,530	2,611	2,651	2,651
World Total	207,096	214,656	235,053	235,731	227,339	228,794

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Production						
Argentina	58,798	57,940	60,002	62,652	64,867	64,907
Australia	11,508	12,003	18,610	18,499	14,519	15,219
Brazil	104,334	105,815	90,321	120,621	130,536	130,536
Canada	26,203	28,611	29,644	24,214	29,020	29,345
China	265,006	269,067	269,083	280,852	279,300	279,300
Ethiopia	17,929	18,406	19,095	17,200	18,200	18,200
European Union	140,703	152,817	155,458	154,407	149,765	140,605
India	43,212	47,660	51,387	50,556	50,000	50,500
Indonesia	12,000	12,000	12,600	12,700	12,900	12,900
Mexico	33,470	32,095	32,662	33,270	33,495	33,495
Nigeria	19,600	21,304	20,895	21,392	21,500	21,500
Russia	34,998	40,495	41,396	38,538	40,925	41,000
South Africa	12,417	16,367	17,814	16,854	17,903	17,903
Turkey	13,251	14,451	15,761	11,581	13,571	14,171
Ukraine	44,503	46,545	39,585	53,514	31,760	37,460
Others	187,167	184,586	194,051	188,939	186,181	185,951
Subtotal	1,025,099	1,060,162	1,068,364	1,105,789	1,094,442	1,092,992
United States	377,905	359,434	372,887	398,707	382,762	376,493
World Total	1,403,004	1,419,596	1,441,251	1,504,496	1,477,204	1,469,485
Domestic Consumption						
Argentina	17,791	17,575	17,012	17,487	17,717	17,762
Brazil	70,983	72,844	73,855	78,136	81,986	81,986
Canada	24,114	24,930	24,647	25,438	24,465	24,790
China	287,812	296,210	313,107	319,750	322,750	321,250
Egypt	17,186	17,979	17,265	17,281	17,268	17,268
Ethiopia	18,161	18,451	19,144	17,725	18,325	18,325
European Union	158,504	158,938	159,408	157,691	155,683	153,073
India	44,571	45,775	47,546	47,550	48,700	49,250
Iran	16,520	14,620	15,320	15,022	16,221	16,221
Japan	17,953	17,867	17,290	17,150	16,951	16,951
Mexico	50,505	50,310	49,835	50,765	51,360	51,460
Nigeria	19,829	20,689	20,955	21,172	21,400	21,400
Russia	27,367	31,387	31,042	31,109	31,125	31,000
Turkey	16,651	17,761	18,051	17,197	17,181	17,381
Ukraine	11,358	11,994	12,407	17,366	15,647	17,047
Others	284,747	290,415	303,517	291,130	295,985	296,468
Subtotal	1,100,893	1,113,574	1,139,741	1,165,247	1,159,320	1,158,944
United States	322,984	320,685	315,967	323,915	318,333	317,210
World Total	1,423,877	1,434,259	1,455,708	1,489,162	1,477,653	1,476,154
Ending Stocks						
Brazil	5,671	5,821	4,601	5,177	8,502	8,502
Canada	3,288	3,983	3,609	3,057	3,350	3,404
China	210,660	200,956	207,455	210,857	204,707	204,707
European Union	14,505	14,157	14,626	15,583	15,251	14,065
Mexico	5,784	4,138	3,604	4,063	4,037	4,067
South Africa	1,346	2,439	2,557	2,293	3,017	2,563
Ukraine	2,043	2,550	1,654	7,373	13,056	13,456
Others	48,321	51,552	50,850	48,286	46,117	43,479
Subtotal	291,618	285,596	288,956	296,689	298,037	294,243
United States	60,471	51,830	34,013	41,614	39,870	37,391
World Total	352,089	337,426	322,969	338,303	337,907	331,634

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	22,610	22,540	21,702	27,153	23,663	23,763
Central America	4,352	4,904	4,739	5,275	5,300	5,300
Caribbean	2,379	2,275	2,399	2,158	2,573	2,573
South America	15,686	16,998	16,844	17,323	16,227	16,232
European Union	26,290	18,675	15,820	17,645	17,185	20,220
Former Soviet Union - 12	1,025	1,134	771	740	616	616
Middle East	34,061	33,965	32,643	31,681	33,201	33,201
North Africa	20,875	23,565	21,251	18,827	20,132	20,132
Sub-Saharan Africa	3,494	3,857	3,517	3,879	3,706	3,706
East Asia	43,904	51,829	83,826	75,319	70,145	68,645
Southeast Asia	17,880	19,968	20,201	18,837	21,520	21,520
Others	6,787	6,664	6,338	6,320	5,757	5,757
Total	199,343	206,374	230,051	225,157	220,025	221,665
Production						
North America	437,578	420,140	435,193	456,191	445,277	439,333
South America	178,754	178,266	164,868	199,888	211,331	211,652
European Union	140,703	152,817	155,458	154,407	149,765	140,605
Other Europe	18,625	20,815	21,796	18,227	19,354	18,354
Former Soviet Union - 12	93,534	101,435	94,637	104,973	85,266	90,891
Middle East	19,435	24,127	25,301	18,140	20,622	21,222
North Africa	13,260	11,240	9,767	12,834	11,429	11,429
Sub-Saharan Africa	123,553	123,744	133,252	127,691	128,433	129,072
East Asia	268,346	272,204	271,824	283,696	282,145	282,145
South Asia	57,684	64,131	69,568	69,142	68,234	68,734
Southeast Asia	34,879	33,540	35,880	35,675	35,830	35,830
Oceania	12,104	12,610	19,161	19,052	15,103	15,803
Others	4,549	4,527	4,546	4,580	4,415	4,415
Total	1,403,004	1,419,596	1,441,251	1,504,496	1,477,204	1,469,485
Domestic Consumption						
North America	397,603	395,925	390,449	400,118	394,158	393,460
South America	115,248	117,479	118,105	122,790	127,127	127,478
European Union	158,504	158,938	159,408	157,691	155,683	153,073
Other Europe	18,154	18,638	20,870	19,160	18,508	18,508
Former Soviet Union - 12	51,017	56,358	56,519	60,443	59,058	60,233
Middle East	54,897	56,190	55,807	51,972	53,819	54,007
North Africa	32,621	35,515	32,791	31,352	31,735	31,735
Sub-Saharan Africa	125,849	123,876	130,440	125,734	129,460	129,699
East Asia	324,394	333,535	349,451	355,748	358,524	357,024
South Asia	60,929	63,675	68,469	68,574	69,939	70,489
Southeast Asia	48,205	48,207	53,402	52,238	53,319	53,219
Oceania	8,139	8,310	8,831	8,163	7,438	7,638
Others	11,476	11,784	11,826	11,901	12,329	12,279
Total	1,407,036	1,428,430	1,456,368	1,465,884	1,471,097	1,468,842
Ending Stocks						
North America	69,543	59,951	41,226	48,734	47,257	44,862
South America	12,820	13,730	9,612	10,968	14,369	14,276
European Union	14,505	14,157	14,626	15,583	15,251	14,065
Other Europe	2,827	3,013	2,946	2,720	5,452	2,452
Former Soviet Union - 12	4,973	6,274	5,223	10,793	16,197	16,594
Middle East	5,566	6,512	6,339	5,064	4,720	4,720
North Africa	3,780	3,490	2,564	3,100	2,921	2,921
Sub-Saharan Africa	11,271	11,242	12,828	13,605	11,853	11,881
East Asia	215,242	205,707	211,898	215,115	208,831	208,831
South Asia	3,766	5,068	5,743	5,295	4,067	4,023
Southeast Asia	4,130	4,253	5,983	3,891	4,126	3,839
Oceania	2,516	3,098	3,094	2,491	1,935	2,232
Others	1,150	931	887	944	928	938
Total	352,089	337,426	322,969	338,303	337,907	331,634

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Argentina	32,879	39,917	36,544	41,500	41,000	41,000
Brazil	38,773	34,137	27,492	34,000	46,500	46,500
Burma	1,500	2,209	2,400	2,450	2,450	2,450
Canada	1,719	712	1,592	2,150	1,600	1,600
European Union	4,273	5,388	3,735	5,800	4,700	2,700
India	482	1,125	3,677	3,300	2,400	2,400
Paraguay	2,559	2,081	2,563	1,800	2,800	2,800
Russia	2,770	4,072	3,989	4,000	3,800	4,000
South Africa	1,183	2,456	2,751	3,500	3,700	3,700
Ukraine	30,321	28,929	23,864	24,500	9,000	12,500
Others	7,882	7,711	7,075	6,437	3,447	5,027
Subtotal	124,341	128,737	115,682	129,437	121,397	124,677
United States	49,297	47,035	68,293	62,000	62,000	61,500
World Total	173,638	175,772	183,975	191,437	183,397	186,177
TY Imports						
Algeria	4,816	5,156	4,186	3,000	4,300	4,300
Bangladesh	1,358	2,003	1,838	2,100	2,200	2,200
Brazil	1,189	1,346	2,281	2,500	1,300	1,300
Canada	2,521	1,867	1,550	6,000	2,500	2,500
Chile	2,292	2,751	2,333	2,400	2,400	2,400
China	4,483	7,580	29,512	23,000	18,000	18,000
Colombia	6,048	5,976	5,795	6,000	6,000	6,000
Dominican Republic	1,536	1,354	1,495	1,350	1,550	1,550
Egypt	9,367	10,432	9,633	9,200	9,200	9,200
European Union	23,583	17,384	14,493	16,000	16,000	19,000
Guatemala	1,224	1,527	1,346	1,500	1,600	1,600
Iran	9,000	6,800	7,200	8,500	9,500	9,500
Israel	1,611	1,992	1,493	1,500	1,500	1,500
Japan	16,050	15,888	15,479	15,300	15,200	15,200
Korea, South	10,856	11,882	11,708	11,500	11,500	11,500
Malaysia	3,674	3,777	3,700	3,800	3,800	3,800
Mexico	16,658	16,526	16,498	17,500	17,700	17,700
Morocco	2,728	2,963	2,474	1,900	2,500	2,500
Peru	3,726	3,938	3,679	3,800	3,900	3,900
Saudi Arabia	3,662	4,517	3,017	3,500	4,000	4,000
Taiwan	4,508	4,580	4,386	4,400	4,400	4,400
Thailand	1,200	1,602	1,846	1,600	1,700	1,700
Turkey	3,669	3,004	1,794	2,800	3,000	3,000
United Kingdom	2,949	2,528	2,766	2,300	1,800	1,800
Vietnam	10,900	12,000	11,200	10,100	12,000	12,000
Others	17,570	19,425	17,811	18,248	18,994	18,994
Subtotal	167,178	168,798	179,513	179,798	176,544	179,544
Unaccounted	5,660	6,015	3,833	10,989	6,203	5,983
United States	800	959	629	650	650	650
World Total	173,638	175,772	183,975	191,437	183,397	186,177

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Production						
Argentina	51,000	51,000	52,000	53,000	55,000	55,000
Brazil	101,000	102,000	87,000	116,000	126,000	126,000
Canada	13,885	13,404	13,563	13,984	14,000	14,000
China	257,174	260,779	260,670	272,552	271,000	271,000
Ethiopia	10,120	9,636	10,557	9,400	10,200	10,200
European Union	64,351	66,742	67,440	70,979	68,000	60,000
India	27,715	28,766	31,647	33,000	31,500	31,500
Indonesia	12,000	12,000	12,600	12,700	12,900	12,900
Mexico	27,671	26,658	27,346	27,550	27,600	27,600
Nigeria	11,000	12,700	12,400	12,745	12,500	12,500
Pakistan	6,826	7,883	8,940	9,500	8,900	8,900
Philippines	7,608	8,030	8,352	8,300	8,300	8,300
Russia	11,415	14,275	13,872	15,225	14,500	15,000
South Africa	11,824	15,844	16,951	16,300	17,300	17,300
Ukraine	35,805	35,887	30,297	42,126	25,000	30,000
Others	115,085	111,169	117,361	121,453	114,755	114,680
Subtotal	764,479	776,773	770,996	834,814	817,455	814,880
United States	364,262	345,962	358,447	383,943	368,444	364,727
World Total	1,128,741	1,122,735	1,129,443	1,218,757	1,185,899	1,179,607
Total Consumption						
Argentina	13,800	13,500	13,500	13,700	14,000	14,000
Brazil	67,000	68,500	70,000	73,000	77,000	77,000
Canada	15,088	13,958	13,976	17,800	14,900	14,900
China	274,000	278,000	285,000	291,000	295,000	295,000
Egypt	16,200	16,900	16,400	16,400	16,400	16,400
European Union	85,000	79,000	77,700	80,400	79,400	77,400
India	28,500	27,200	27,850	29,800	30,000	30,000
Indonesia	12,900	12,600	13,300	13,800	14,100	14,100
Japan	16,000	15,950	15,450	15,350	15,200	15,200
Korea, South	10,947	11,795	11,780	11,550	11,550	11,550
Mexico	44,100	43,800	43,800	44,400	44,700	44,700
Nigeria	11,300	12,100	12,500	12,600	12,600	12,600
South Africa	12,536	12,200	13,220	13,300	13,300	13,300
Ukraine	6,200	6,400	7,100	12,200	10,700	11,700
Vietnam	14,200	14,550	16,450	15,250	15,600	15,500
Others	193,480	197,316	201,918	202,542	206,168	206,956
Subtotal	837,218	828,431	837,330	884,956	876,109	876,142
United States	310,391	309,504	306,686	314,847	309,132	308,624
World Total	1,147,609	1,137,935	1,144,016	1,199,803	1,185,241	1,184,766
Ending Stocks						
Brazil	5,311	5,328	4,153	4,653	7,953	7,953
Canada	1,979	2,560	2,169	2,203	2,153	2,203
China	210,179	200,526	205,704	210,236	204,216	204,216
European Union	7,644	7,382	7,880	8,659	8,579	7,559
Mexico	5,160	3,515	3,079	3,329	3,329	3,329
South Africa	1,020	2,117	2,124	1,924	2,678	2,224
Ukraine	891	1,478	832	6,273	12,073	12,073
Others	34,064	35,795	35,586	35,706	34,623	31,857
Subtotal	266,248	258,701	261,527	272,983	275,604	271,414
United States	56,410	48,757	31,358	38,856	37,332	35,266
World Total	322,658	307,458	292,885	311,839	312,936	306,680

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	19,979	19,352	18,677	24,150	20,850	20,850
Central America	4,352	4,904	4,739	5,275	5,300	5,300
South America	14,349	15,696	15,639	15,895	15,020	15,020
European Union	23,583	17,384	14,493	16,000	16,000	19,000
Former Soviet Union - 12	588	564	323	354	300	300
Middle East	22,038	20,967	17,952	20,400	22,310	22,310
North Africa	18,531	20,306	17,899	15,700	17,600	17,600
Sub-Saharan Africa	2,793	3,110	2,869	3,125	3,023	3,023
East Asia	35,961	40,008	61,124	54,250	49,145	49,145
Southeast Asia	17,483	19,007	18,162	17,342	19,765	19,765
Caribbean	2,377	2,275	2,396	2,155	2,570	2,570
Others	5,944	6,184	5,869	5,802	5,311	5,311
Total	167,978	169,757	180,142	180,448	177,194	180,194
Production						
North America	405,818	386,024	399,356	425,477	410,044	406,327
South America	164,749	164,604	149,895	181,928	193,520	193,570
European Union	64,351	66,742	67,440	70,979	68,000	60,000
Other Europe	9,411	9,470	10,316	7,681	8,885	7,885
Former Soviet Union - 12	53,119	56,099	48,937	63,562	44,730	50,230
Middle East	7,319	7,945	9,060	8,469	7,924	8,124
North Africa	6,919	6,441	6,431	7,561	7,556	7,556
Sub-Saharan Africa	76,430	80,006	85,856	87,332	82,925	83,600
East Asia	260,184	263,488	263,041	275,016	273,468	273,468
South Asia	41,178	44,032	48,782	50,483	48,573	48,573
Central America	3,441	3,516	3,545	3,616	3,496	3,496
Southeast Asia	34,589	33,250	35,590	35,385	35,540	35,540
Others	1,233	1,118	1,194	1,268	1,238	1,238
Total	1,128,741	1,122,735	1,129,443	1,218,757	1,185,899	1,179,607
Domestic Consumption						
North America	369,579	367,262	364,462	377,047	368,732	368,224
South America	103,926	105,552	106,689	109,770	114,650	114,700
European Union	85,000	79,000	77,700	80,400	79,400	77,400
Other Europe	9,433	9,301	10,250	9,232	8,714	8,714
Former Soviet Union - 12	20,312	21,985	22,250	28,505	26,995	28,295
Middle East	28,778	28,084	26,671	28,600	30,130	30,318
North Africa	24,600	27,190	25,730	23,113	24,800	24,800
Sub-Saharan Africa	78,661	79,026	82,843	84,092	83,694	83,994
East Asia	308,273	313,031	319,169	324,850	328,695	328,695
South Asia	43,774	43,871	47,707	49,700	50,065	50,065
Southeast Asia	47,519	46,966	51,147	50,355	51,175	51,075
Central America	7,990	8,370	8,480	8,735	8,840	8,840
Others	3,797	3,635	3,532	3,540	3,860	3,810
Total	1,131,642	1,133,273	1,146,630	1,177,939	1,179,750	1,178,930
Ending Stocks						
North America	63,549	54,832	36,606	44,388	42,814	40,798
South America	10,897	11,834	7,784	9,025	12,306	12,334
European Union	7,644	7,382	7,880	8,659	8,579	7,559
Other Europe	1,433	1,318	1,538	1,289	4,095	1,095
Former Soviet Union - 12	2,200	3,260	2,214	8,112	13,568	13,561
Middle East	2,919	3,188	3,101	2,873	2,729	2,729
North Africa	2,473	2,379	1,821	1,977	2,328	2,328
Sub-Saharan Africa	8,729	9,303	10,702	12,214	10,180	10,210
East Asia	214,436	204,897	209,889	214,285	208,183	208,183
South Asia	3,026	3,827	4,397	4,099	3,021	3,027
Southeast Asia	4,119	4,244	5,977	3,885	4,120	3,833
Central America	903	797	702	803	734	744
Others	330	197	274	230	279	279
Total	322,658	307,458	292,885	311,839	312,936	306,680

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Argentina	3,001	2,598	2,458	3,600	3,700	3,700
Australia	3,666	3,231	8,007	9,000	6,200	6,700
Canada	2,269	2,520	3,520	1,900	3,000	3,000
European Union	5,809	7,579	8,558	6,900	6,800	6,300
Kazakhstan	1,762	1,292	1,028	500	600	600
Russia	4,320	5,141	5,691	3,000	6,000	6,000
Serbia	67	77	131	100	150	150
Ukraine	4,407	4,990	5,053	2,300	1,800	1,800
United Kingdom	1,538	1,404	1,292	800	850	850
Uruguay	62	41	185	300	250	250
Others	225	396	1,125	415	216	216
Subtotal	27,126	29,269	37,048	28,815	29,566	29,566
United States	101	155	349	125	150	150
World Total	27,227	29,424	37,397	28,940	29,716	29,716
TY Imports						
Algeria	467	503	780	750	500	500
Brazil	608	647	398	700	500	500
China	5,181	5,969	12,049	8,500	9,500	9,500
European Union	1,762	1,089	1,150	1,050	1,000	1,000
Iran	3,200	2,300	3,700	2,000	2,500	2,500
Israel	236	358	461	350	350	350
Japan	1,158	1,253	1,132	1,200	1,200	1,200
Jordan	928	564	658	800	800	800
Kuwait	474	522	507	500	450	450
Libya	888	891	1,039	750	750	750
Mexico	82	346	499	450	400	500
Morocco	299	1,073	456	800	500	500
Philippines	6	8	195	600	500	500
Qatar	288	349	358	400	400	400
Saudi Arabia	5,700	7,300	6,100	4,200	4,700	4,700
Thailand	206	685	1,043	200	500	500
Tunisia	487	751	1,038	800	750	750
Turkey	375	1,007	1,634	2,100	800	800
United Arab Emirates	476	443	519	400	450	450
Vietnam	133	198	747	650	700	700
Others	2,187	1,617	2,370	2,125	1,620	1,625
Subtotal	25,141	27,873	36,833	29,325	28,870	28,975
Unaccounted	1,953	1,394	427	-785	646	541
United States	133	157	137	400	200	200
World Total	27,227	29,424	37,397	28,940	29,716	29,716

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Production						
Algeria	1,957	1,648	1,213	950	1,600	1,600
Argentina	4,635	3,615	4,035	5,300	5,300	5,300
Australia	8,819	10,127	14,649	13,700	11,000	11,500
Belarus	944	1,098	1,375	1,000	1,100	1,100
Canada	8,380	10,383	10,741	6,948	9,700	9,900
China	2,021	2,011	2,036	2,000	2,000	2,000
Ethiopia	1,749	2,378	2,261	2,350	2,400	2,400
European Union	49,470	55,180	54,234	52,046	50,900	50,100
India	1,781	1,633	1,720	1,656	1,600	1,400
Iran	2,800	3,600	3,600	2,700	3,000	3,000
Kazakhstan	3,971	3,830	3,659	2,367	2,800	2,700
Russia	16,737	19,939	20,629	17,505	19,500	20,000
Turkey	7,000	7,900	8,100	4,500	7,000	7,400
Ukraine	7,604	9,528	7,947	9,923	5,700	6,400
United Kingdom	6,510	8,048	8,117	6,961	7,050	7,050
Others	11,902	13,702	12,832	12,685	11,069	11,070
Subtotal	136,280	154,620	157,148	142,591	141,719	142,920
United States	3,343	3,756	3,719	2,562	3,807	3,437
World Total	139,623	158,376	160,867	145,153	145,526	146,357
Total Consumption						
Algeria	2,000	2,350	2,350	1,950	1,950	1,950
Argentina	1,200	1,200	1,700	1,700	1,600	1,600
Australia	5,000	6,000	6,500	5,500	4,800	5,000
Canada	6,508	8,108	7,747	5,500	6,700	6,900
China	7,000	8,000	13,000	11,600	11,600	11,600
Ethiopia	1,825	2,325	2,325	2,425	2,425	2,425
European Union	45,600	49,500	48,250	45,550	45,200	44,900
Iran	6,200	6,400	6,900	5,100	5,500	5,500
Kazakhstan	2,150	2,400	2,550	2,300	2,250	2,200
Morocco	2,900	2,500	1,160	3,100	1,900	1,900
Russia	12,200	15,400	14,400	14,300	13,500	14,000
Saudi Arabia	7,025	7,025	7,025	4,225	4,925	4,925
Turkey	7,500	8,500	8,990	7,400	7,500	7,500
Ukraine	4,200	4,600	4,100	4,000	3,800	4,200
United Kingdom	5,666	5,989	7,207	6,278	6,321	6,321
Others	19,617	22,292	23,687	22,748	21,961	21,917
Subtotal	137,353	152,845	158,047	145,108	142,484	143,685
United States	3,537	3,922	3,753	3,357	3,484	3,376
World Total	140,890	156,767	161,800	148,465	145,968	147,061
Ending Stocks						
Argentina	598	608	619	619	619	619
Australia	1,908	2,711	2,518	1,718	1,169	1,518
European Union	5,457	5,207	5,012	5,358	5,274	5,258
Russia	640	743	757	712	762	762
Saudi Arabia	1,327	1,016	1,002	988	775	775
Ukraine	1,008	953	661	894	894	1,294
United Kingdom	1,091	1,357	1,058	1,041	1,020	1,020
Others	6,280	7,460	7,687	5,309	4,604	4,584
Subtotal	18,309	20,055	19,314	16,639	15,117	15,830
United States	1,884	1,747	1,555	918	1,285	1,023
World Total	20,193	21,802	20,869	17,557	16,402	16,853

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	253	589	937	1,050	630	730
South America	1,179	1,168	927	1,277	950	955
European Union	1,762	1,089	1,150	1,050	1,000	1,000
Other Europe	252	175	203	211	168	168
Former Soviet Union - 12	395	464	425	371	304	304
Middle East	11,967	12,942	14,638	11,180	10,850	10,850
North Africa	2,342	3,225	3,333	3,110	2,510	2,510
Sub-Saharan Africa	28	67	19	110	70	70
East Asia	6,441	7,324	13,273	9,810	10,795	10,795
South Asia	296	89	34	66	68	68
Oceania	14	7	46	40	25	25
Total	25,274	28,030	36,970	29,725	29,070	29,175
Production						
North America	12,719	15,149	15,365	10,540	14,467	14,297
South America	6,133	5,135	5,741	7,085	7,138	7,139
European Union	49,470	55,180	54,234	52,046	50,900	50,100
Other Europe	7,762	9,471	9,659	8,535	8,603	8,603
Former Soviet Union - 12	31,225	36,462	35,652	32,724	31,075	32,175
Middle East	11,069	15,194	15,246	8,648	11,679	12,079
North Africa	5,394	3,929	2,526	4,368	3,008	3,008
Sub-Saharan Africa	2,369	2,929	3,004	2,866	3,000	3,000
East Asia	2,347	2,435	2,402	2,376	2,373	2,373
South Asia	1,936	1,981	2,051	1,941	1,928	1,728
Oceania	9,199	10,511	14,987	14,024	11,355	11,855
Total	139,623	158,376	160,867	145,153	145,526	146,357
Domestic Consumption						
North America	11,095	13,330	12,800	10,307	11,584	11,776
South America	3,716	3,898	4,217	4,407	4,146	4,152
European Union	45,600	49,500	48,250	45,550	45,200	44,900
Other Europe	7,032	7,408	8,737	7,857	7,799	7,799
Former Soviet Union - 12	21,759	25,745	24,612	23,628	22,744	23,594
Middle East	25,012	27,056	28,087	22,267	22,619	22,619
North Africa	7,076	7,419	6,205	7,315	6,048	6,048
Sub-Saharan Africa	2,360	2,913	2,982	2,961	3,035	3,035
East Asia	8,645	9,740	14,702	13,335	13,320	13,320
South Asia	2,103	2,221	2,246	2,006	1,941	1,791
Oceania	5,385	6,390	6,900	5,850	5,180	5,380
Total	140,128	156,511	161,644	147,033	145,416	146,214
Ending Stocks						
North America	3,109	3,166	2,676	1,847	2,174	1,942
South America	1,039	1,022	966	979	971	971
European Union	5,457	5,207	5,012	5,358	5,274	5,258
Other Europe	1,227	1,537	1,214	1,209	1,176	1,176
Former Soviet Union - 12	2,307	2,457	2,325	2,144	2,138	2,538
Middle East	2,617	3,304	3,218	2,141	1,951	1,951
North Africa	1,256	1,075	729	1,109	579	579
Sub-Saharan Africa	348	404	432	413	433	433
East Asia	612	631	1,604	455	303	303
South Asia	264	235	127	127	177	127
Oceania	1,946	2,755	2,560	1,769	1,220	1,569
Total	20,193	21,802	20,869	17,557	16,402	16,853

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Argentina	254	426	1,973	2,300	2,300	2,300
Australia	91	102	1,235	2,000	1,100	1,300
Bolivia	18	8	30	25	50	25
China	49	29	4	30	30	30
India	53	31	56	50	50	50
Kenya	53	31	80	60	60	60
Nigeria	100	50	50	50	50	50
Others	306	304	196	163	107	107
Subtotal	924	981	3,624	4,678	3,747	3,922
United States	2,410	5,404	6,926	7,600	7,300	5,800
World Total	3,334	6,385	10,550	12,278	11,047	9,722
TY Imports						
China	652	3,709	8,669	10,500	9,500	8,000
Eritrea	60	35	60	70	70	70
Ethiopia	6	61	5	50	50	50
European Union	666	89	13	170	65	100
Japan	449	426	299	250	200	200
Kenya	109	52	181	120	150	150
Mexico	546	567	133	200	200	200
Somalia	85	80	50	50	50	50
South Sudan	26	81	71	50	50	50
Sudan	160	150	88	100	50	50
Others	486	376	347	358	342	342
Subtotal	3,245	5,626	9,916	11,918	10,727	9,262
Unaccounted	88	758	633	359	319	459
United States	1	1	1	1	1	1
World Total	3,334	6,385	10,550	12,278	11,047	9,722

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Production						
Argentina	2,500	2,500	3,320	3,400	3,800	3,800
Australia	1,160	397	1,639	2,700	1,600	1,800
Bolivia	949	1,019	1,481	1,375	1,170	1,400
Brazil	2,177	2,498	2,084	3,042	2,940	2,940
Burkina Faso	1,930	1,872	1,840	1,644	1,900	1,900
Cameroon	1,200	1,217	1,200	1,200	1,200	1,200
Chad	988	973	970	896	950	950
China	2,909	3,137	2,970	3,000	3,000	3,000
Ethiopia	5,024	5,266	5,058	4,450	4,500	4,500
India	3,480	4,772	4,812	4,500	4,400	4,400
Mali	1,470	1,511	1,823	1,239	1,500	1,500
Mexico	4,700	4,328	4,348	4,600	4,850	4,850
Niger	2,100	1,897	2,132	1,207	1,900	1,900
Nigeria	6,721	6,665	6,590	6,725	7,000	7,000
Sudan	5,435	3,714	5,150	3,530	5,000	5,000
Others	7,349	7,280	7,550	7,284	7,271	6,976
Subtotal	50,092	49,046	52,967	50,792	52,981	53,116
United States	9,271	8,673	9,474	11,375	9,449	7,268
World Total	59,363	57,719	62,441	62,167	62,430	60,384
Total Consumption						
Argentina	2,150	2,050	1,150	1,150	1,350	1,350
Bolivia	980	980	1,400	1,350	1,100	1,350
Brazil	2,200	2,400	2,100	3,000	2,900	2,900
Burkina Faso	1,800	1,870	1,900	1,650	1,850	1,850
Cameroon	1,225	1,222	1,225	1,230	1,230	1,230
Chad	1,000	1,000	1,000	950	980	980
China	3,600	6,800	11,400	13,500	12,500	11,000
Ethiopia	5,000	5,300	5,200	4,700	4,600	4,600
India	3,550	4,500	4,550	4,600	4,450	4,450
Mali	1,470	1,500	1,700	1,400	1,500	1,500
Mexico	5,100	5,000	4,500	4,650	5,000	5,000
Niger	2,100	2,000	2,050	1,400	1,850	1,850
Nigeria	6,650	6,650	6,550	6,650	6,800	6,800
South Sudan	685	780	810	800	820	820
Sudan	5,300	4,350	5,100	3,700	4,950	4,950
Others	9,457	7,668	7,607	7,757	7,747	7,457
Subtotal	52,344	54,985	59,784	58,504	60,085	58,661
United States	6,212	4,365	2,638	3,175	2,794	2,287
World Total	58,556	59,350	62,422	61,679	62,879	60,948
Ending Stocks						
Australia	287	154	20	310	385	300
Brazil	194	293	266	304	324	324
China	17	34	269	239	209	209
India	153	394	599	449	349	349
Mexico	259	153	102	251	300	300
Nigeria	152	117	107	132	282	282
Sudan	631	110	243	148	243	243
Others	2,185	1,845	1,761	1,187	1,301	1,182
Subtotal	3,878	3,100	3,367	3,020	3,393	3,189
United States	1,617	764	516	1,351	768	618
World Total	5,495	3,864	3,883	4,371	4,161	3,807

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	547	568	134	201	201	201
South America	80	45	37	33	33	33
European Union	666	89	13	170	65	100
Other Europe	24	29	24	20	25	25
Middle East	39	48	35	36	31	31
North Africa	0	7	1	2	2	2
Sub-Saharan Africa	650	618	608	624	583	583
East Asia	1,175	4,180	9,030	10,805	9,755	8,255
Southeast Asia	36	41	28	25	30	30
Others	29	2	7	3	3	3
Total	3,246	5,627	9,917	11,919	10,728	9,263
Production						
North America	13,971	13,001	13,822	15,975	14,299	12,118
Central America	288	286	277	255	205	205
Caribbean	106	71	76	71	76	76
South America	5,922	6,256	7,116	8,024	8,158	8,388
European Union	781	1,012	1,001	823	1,015	725
Middle East	440	390	391	405	401	401
North Africa	808	761	735	755	754	754
Sub-Saharan Africa	29,103	27,272	29,347	25,284	28,235	28,230
East Asia	2,911	3,139	2,972	3,002	3,002	3,002
South Asia	3,629	4,892	4,908	4,650	4,535	4,535
Southeast Asia	50	50	50	50	50	50
Oceania	1,160	397	1,639	2,700	1,600	1,800
Others	194	192	107	173	100	100
Total	59,363	57,719	62,441	62,167	62,430	60,384
Domestic Consumption						
North America	11,312	9,365	7,138	7,825	7,794	7,287
Central America	291	286	280	257	200	200
Caribbean	108	71	79	74	79	79
South America	5,644	5,687	4,909	5,733	5,618	5,868
European Union	1,554	1,128	1,033	971	1,073	813
Middle East	483	434	427	456	432	432
North Africa	803	784	755	757	756	756
Sub-Saharan Africa	29,145	28,348	29,558	26,447	28,418	28,388
East Asia	4,156	7,257	11,774	13,807	12,757	11,257
South Asia	3,726	4,621	4,651	4,750	4,585	4,585
Southeast Asia	85	81	83	73	79	79
Oceania	1,050	280	95	410	510	510
Others	122	93	98	102	120	120
Total	58,479	58,435	60,880	61,662	62,421	60,374
Ending Stocks						
North America	1,876	917	618	1,602	1,068	918
Central America	9	9	6	4	9	9
South America	740	683	633	720	833	718
European Union	101	54	21	18	22	20
Middle East	0	0	0	0	0	0
North Africa	50	33	14	14	14	14
Sub-Saharan Africa	2,179	1,510	1,660	949	1,221	1,219
East Asia	38	71	295	265	235	235
South Asia	153	394	599	449	349	349
Oceania	287	154	20	310	385	300
Others	62	39	17	40	25	25
Total	5,495	3,864	3,883	4,371	4,161	3,807

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Australia	250	245	391	600	500	500
Brazil	6	3	1	5	5	5
Canada	1,665	1,899	1,961	1,350	2,000	2,000
Chile	36	6	3	60	5	5
European Union	119	235	145	200	110	110
Russia	134	73	90	150	100	100
United Kingdom	50	112	31	70	50	50
Others	43	29	27	21	14	14
Subtotal	2,303	2,602	2,649	2,456	2,784	2,784
United States	26	32	51	35	30	30
World Total	2,329	2,634	2,700	2,491	2,814	2,814
TY Imports						
Algeria	1	13	11	10	10	10
Chile	14	28	169	50	150	150
China	224	222	301	350	350	350
Ecuador	16	12	26	20	20	20
European Union	58	113	33	160	40	40
India	21	25	46	50	50	50
Japan	46	47	48	50	50	50
Korea, South	31	25	24	30	25	25
Malaysia	16	29	26	20	25	25
Mexico	129	137	171	175	170	170
Norway	93	45	15	25	15	15
Peru	41	45	44	40	50	50
South Africa	23	62	21	20	30	30
Switzerland	51	56	49	56	50	50
United Kingdom	34	30	22	25	25	25
Others	54	47	41	49	32	32
Subtotal	852	936	1,047	1,130	1,092	1,092
Unaccounted	80	107	80	61	122	122
United States	1,397	1,591	1,573	1,300	1,600	1,600
World Total	2,329	2,634	2,700	2,491	2,814	2,814

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Production						
Algeria	118	101	69	105	105	105
Argentina	572	600	510	725	600	645
Australia	1,135	1,143	1,898	1,600	1,450	1,450
Belarus	342	368	445	350	375	375
Brazil	795	879	853	1,143	1,155	1,155
Canada	3,436	4,227	4,576	2,606	4,600	4,700
Chile	385	477	525	664	495	495
China	560	600	600	600	600	600
European Union	6,940	6,965	8,473	7,528	7,550	7,600
Kazakhstan	336	267	240	182	275	225
Norway	144	300	300	300	300	300
Russia	4,715	4,420	4,127	3,733	4,500	3,800
Turkey	230	230	240	250	250	250
Ukraine	423	427	515	478	400	400
United Kingdom	850	1,076	1,031	1,123	1,050	1,050
Others	409	361	367	442	387	387
Subtotal	21,390	22,441	24,769	21,829	24,092	23,537
United States	815	773	954	578	764	763
World Total	22,205	23,214	25,723	22,407	24,856	24,300
Total Consumption						
Argentina	550	600	525	710	600	650
Australia	900	970	1,200	1,100	1,000	1,000
Belarus	375	370	440	350	375	375
Brazil	775	845	845	1,125	1,125	1,125
Canada	2,083	2,419	2,340	1,600	2,300	2,400
Chile	390	520	615	665	650	650
China	870	870	900	950	950	950
European Union	7,000	6,900	8,175	7,650	7,560	7,560
Kazakhstan	315	250	235	205	250	200
Mexico	255	210	235	265	260	260
Norway	250	345	320	323	315	315
Russia	4,700	4,200	4,050	3,650	4,400	3,700
Turkey	230	240	240	238	250	250
Ukraine	450	420	475	465	425	425
United Kingdom	875	993	973	1,070	1,065	1,065
Others	684	670	692	772	746	746
Subtotal	20,712	20,827	22,496	21,104	22,355	21,755
United States	2,326	2,344	2,362	2,014	2,377	2,377
World Total	23,038	23,171	24,858	23,118	24,732	24,132
Ending Stocks						
Australia	191	114	416	316	233	266
Brazil	37	68	75	88	113	113
Canada	397	426	657	333	639	643
China	155	107	108	108	108	108
European Union	371	332	540	364	391	334
Russia	60	195	188	122	123	123
United Kingdom	116	106	147	175	135	135
Others	310	347	411	404	364	362
Subtotal	1,637	1,695	2,542	1,910	2,106	2,084
United States	549	534	552	473	468	467
World Total	2,186	2,229	3,094	2,383	2,574	2,551

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	1,535	1,744	1,763	1,490	1,780	1,780
South America	78	89	241	118	224	224
European Union	58	113	33	160	40	40
Other Europe	184	138	93	111	95	95
Former Soviet Union - 12	31	6	6	6	3	3
Middle East	0	0	0	10	0	0
North Africa	2	27	18	15	20	20
Sub-Saharan Africa	23	62	21	20	30	30
East Asia	301	294	373	430	425	425
South Asia	21	25	46	50	50	50
Southeast Asia	16	29	26	20	25	25
Oceania	0	0	0	0	0	0
Total	2,249	2,527	2,620	2,430	2,692	2,692
Production						
North America	4,354	5,099	5,593	3,274	5,449	5,548
South America	1,831	2,017	1,949	2,593	2,317	2,362
European Union	6,940	6,965	8,473	7,528	7,550	7,600
Other Europe	1,136	1,518	1,481	1,563	1,493	1,493
Former Soviet Union - 12	5,822	5,488	5,333	4,749	5,556	4,806
Middle East	230	230	240	250	250	250
North Africa	139	109	75	150	111	111
Sub-Saharan Africa	33	17	57	70	50	50
East Asia	561	601	601	601	601	601
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	1,159	1,170	1,921	1,629	1,479	1,479
Total	22,205	23,214	25,723	22,407	24,856	24,300
Domestic Consumption						
North America	4,664	4,973	4,937	3,879	4,937	5,037
South America	1,843	2,088	2,123	2,622	2,515	2,565
European Union	7,000	6,900	8,175	7,650	7,560	7,560
Other Europe	1,323	1,536	1,502	1,592	1,578	1,578
Former Soviet Union - 12	5,846	5,247	5,208	4,679	5,457	4,707
Middle East	230	240	240	238	250	250
North Africa	142	122	101	167	131	131
Sub-Saharan Africa	65	69	69	95	90	90
East Asia	951	943	972	1,031	1,026	1,026
South Asia	21	25	46	50	50	50
Southeast Asia	16	29	26	20	25	25
Oceania	927	994	1,223	1,129	1,029	1,029
Total	23,028	23,166	24,622	23,152	24,648	24,048
Ending Stocks						
North America	949	968	1,222	819	1,115	1,118
South America	144	191	229	244	259	253
European Union	371	332	540	364	391	334
Other Europe	167	158	194	222	181	181
Former Soviet Union - 12	177	322	341	251	238	242
Middle East	16	6	6	26	26	26
North Africa	1	3	0	0	0	0
Sub-Saharan Africa	15	25	34	29	19	19
East Asia	155	107	109	109	109	109
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	191	117	419	319	236	269
Total	2,186	2,229	3,094	2,383	2,574	2,551

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
TY Exports						
Belarus	0	0	22	5	5	5
Canada	152	147	148	150	150	150
European Union	191	274	95	170	150	150
Russia	178	6	101	100	50	50
Ukraine	42	8	58	150	5	5
Others	1	0	3	6	0	0
Subtotal	564	435	427	581	360	360
United States	4	6	4	4	5	5
World Total	568	441	431	585	365	365
TY Imports						
Belarus	9	3	3	3	3	3
European Union	221	0	131	265	80	80
Israel	17	8	18	15	10	10
Japan	23	19	22	19	20	20
Kazakhstan	0	2	11	4	5	5
Korea, South	3	4	4	5	5	5
Norway	19	10	10	10	10	10
Others	10	103	13	54	8	8
Subtotal	302	149	212	375	141	141
Unaccounted	-28	8	29	-50	24	24
United States	294	284	190	260	200	200
World Total	568	441	431	585	365	365

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Jul	2022/23 Aug
Production						
Argentina	87	220	135	225	165	160
Belarus	503	756	1,051	800	750	750
Canada	236	333	488	473	475	500
European Union	6,173	8,395	8,968	7,948	7,750	7,680
Russia	1,914	1,424	2,376	1,716	2,000	1,900
Turkey	320	320	320	330	320	320
Ukraine	396	339	459	600	285	285
Others	157	200	209	203	194	194
Subtotal	9,786	11,987	14,006	12,295	11,939	11,789
United States	214	270	293	249	298	298
World Total	10,000	12,257	14,299	12,544	12,237	12,087
Total Consumption						
Argentina	87	220	135	225	165	160
Australia	31	32	32	32	32	32
Belarus	550	750	1,050	790	740	740
Canada	169	181	308	335	320	345
European Union	6,350	8,060	8,750	8,100	7,900	7,900
Kazakhstan	35	27	35	45	35	35
Norway	27	59	58	56	60	60
Russia	1,750	1,550	2,200	1,700	1,900	1,800
Turkey	320	320	320	358	330	330
Ukraine	332	332	402	402	352	352
Others	142	131	146	128	126	126
Subtotal	9,818	11,653	13,456	12,170	11,931	11,851
United States	518	550	528	522	546	546
World Total	10,336	12,203	13,984	12,692	12,477	12,397
Ending Stocks						
Belarus	35	44	31	34	37	37
Canada	49	40	72	62	69	69
European Union	513	590	739	687	488	397
Kazakhstan	4	0	4	5	5	5
Russia	141	104	201	93	144	144
Turkey	14	14	14	24	14	14
Ukraine	47	48	90	114	42	42
Others	1	1	1	1	1	1
Subtotal	804	841	1,152	1,020	800	709
United States	11	28	32	16	17	17
World Total	815	869	1,184	1,036	817	726

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Jul 2022/23	Aug 2022/23
TY Imports						
North America	296	287	191	262	202	202
South America	0	0	0	0	0	0
European Union	221	0	131	265	80	80
Other Europe	25	15	19	20	15	15
Former Soviet Union - 12	11	100	17	9	9	9
Middle East	17	8	18	55	10	10
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	26	23	26	24	25	25
Oceania	0	0	0	0	0	0
Total	596	433	402	635	341	341
Production						
North America	450	603	781	722	773	798
South America	100	234	150	241	181	176
European Union	6,173	8,395	8,968	7,948	7,750	7,680
Other Europe	87	128	129	112	113	113
Former Soviet Union - 12	2,836	2,542	3,916	3,156	3,065	2,965
Middle East	320	320	320	330	320	320
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	31	32	32	32	32	32
Total	10,000	12,257	14,299	12,544	12,237	12,087
Domestic Consumption						
North America	687	731	836	857	866	891
South America	100	234	150	241	181	176
European Union	6,350	8,060	8,750	8,100	7,900	7,900
Other Europe	110	142	142	126	132	132
Former Soviet Union - 12	2,667	2,659	3,687	2,937	3,027	2,927
Middle East	337	328	338	373	340	340
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	26	23	26	24	25	25
Oceania	31	32	32	32	32	32
Total	10,311	12,212	13,964	12,693	12,506	12,426
Ending Stocks						
North America	60	68	104	78	86	86
South America	0	0	0	0	0	0
European Union	513	590	739	687	488	397
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	227	196	326	246	228	228
Middle East	14	14	14	24	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	815	869	1,184	1,036	817	726

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.