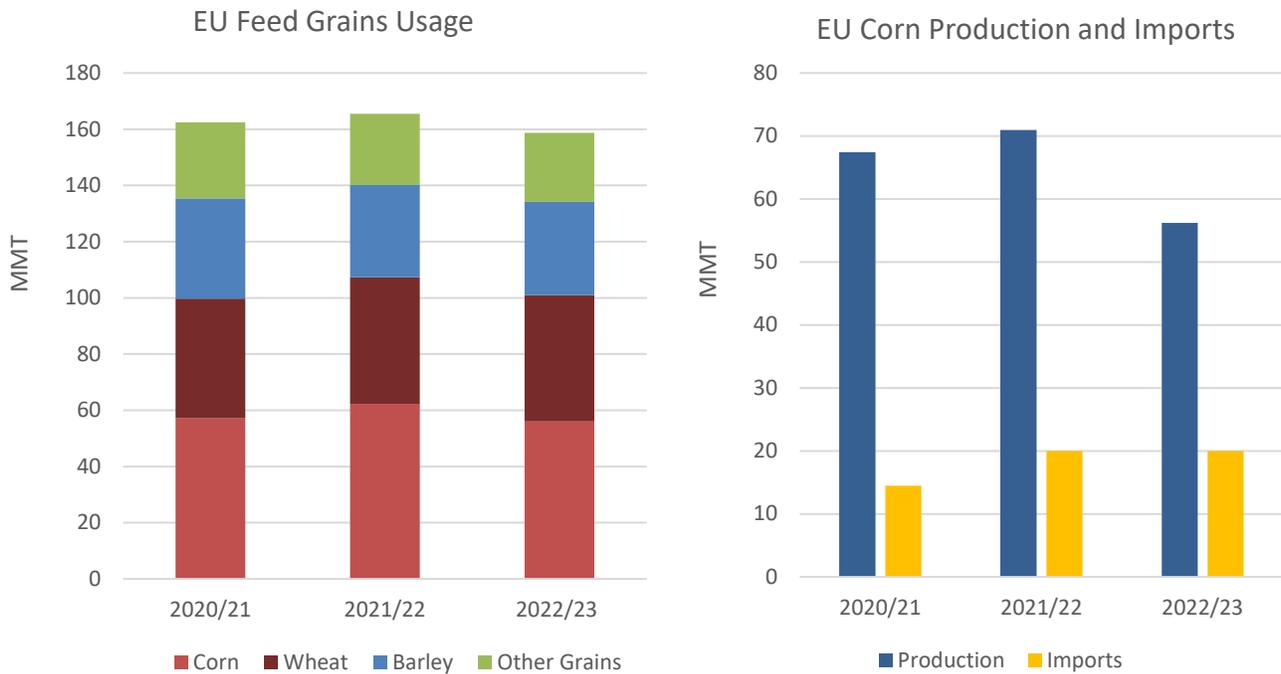


# Grain: World Markets and Trade

## EU Corn Imports Remain High with Smaller Crop



Under withering drought, the European Union is anticipating the smallest corn crop since 2007/08 with production forecast down 21 percent year-over-year. As a result, imports reached substantial volumes in the final weeks of 2021/22 and the European Union is forecast to return as the world's largest corn importer in 2022/23 as China eases back its imports. As EU demand for imported corn has surged with a poor crop, it has boosted its imports not only from Brazil, but also from Ukraine via the Black Sea grain corridor where uncertainty remains over its continuation. The European Union is also normally a non-trivial exporter of corn. With Romania, a major exporting member state, seeing a substantial decline in production, overall EU corn exports are forecast to drop sharply from 2021/22.

Global corn prices remain elevated and support the use of alternative grains for feed in the European Union. EU barley and wheat production are also down from the prior year, though not as dramatically as corn. These two grains are expected to modestly buffer the impact of lower domestic corn supplies for feed; however, overall grain feeding in the European Union is forecast to contract by 4 percent or nearly 7 million tons.

Adding to the difficult grain supply situation, the European Union is facing a severe outbreak of highly pathogenic avian influenza (HPAI), which has already resulted in the culling of around 50 million birds. Beef and pork producers in the European Union are also expected to scale back production in response to growing environmental restrictions and higher feed and energy costs which have tightened margins.

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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](#)

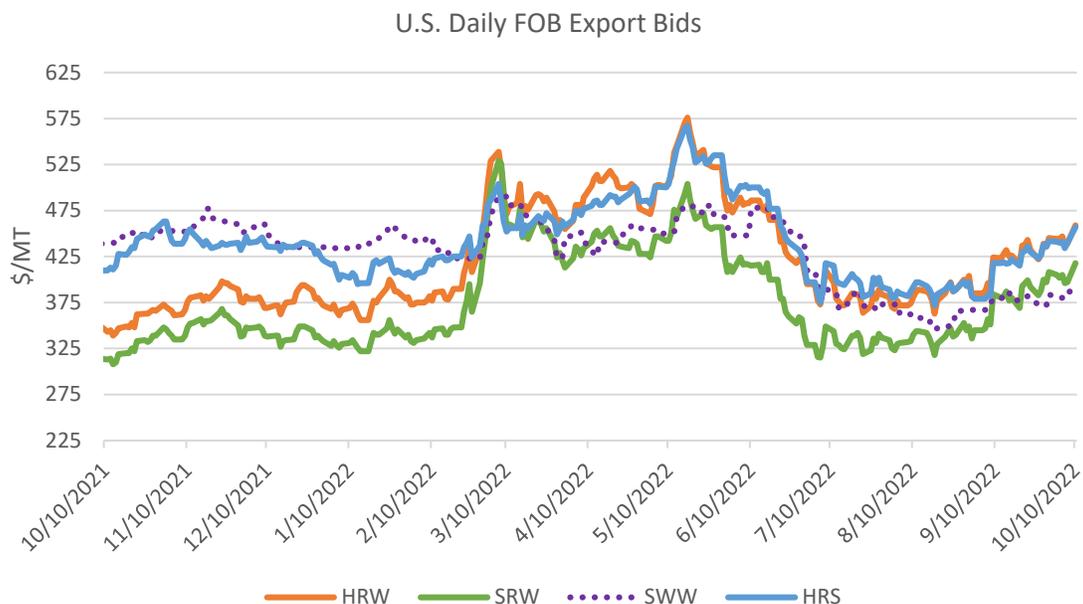
# WHEAT

## OVERVIEW FOR 2022/23

Global production is forecast lower this month but still at a record. Lower crop estimates for the United States and Argentina more than offset an increase for the European Union. Consumption is revised lower as reduced food, seed, and industrial (FSI) use in several countries is only partially offset by higher feed and residual use in the European Union. Ending stocks are down primarily for the United States, where stocks are forecast at the lowest since 2007/08. Reduced exports from the United States and Argentina are only partially offset by higher forecast EU exports. The U.S. season-average farm price forecast is raised 20 cents per bushel to \$9.20.

## WHEAT PRICES

**Domestic:** Since the September WASDE Report, U.S. quotes have risen, reflecting the large reduction in the U.S. crop estimate noted in the NASS *Small Grains Summary* and slow export sales to date. Hard Red Spring (HRS) rose \$39/ton from last month to \$457 on tighter supplies. Hard Red Winter increased \$35/ton to \$459, reflecting not only tight 2022/23 supplies but also concerns about persistent drought conditions during the planting season for 2023/24 winter wheat. Soft Red Winter (SRW) increased \$34/ton to \$418 on limited export capacity along the Mississippi River and elevated barge rates with low water levels. Soft White Winter (SWW) rose \$11/ton to \$380 on steady purchases from Asia.



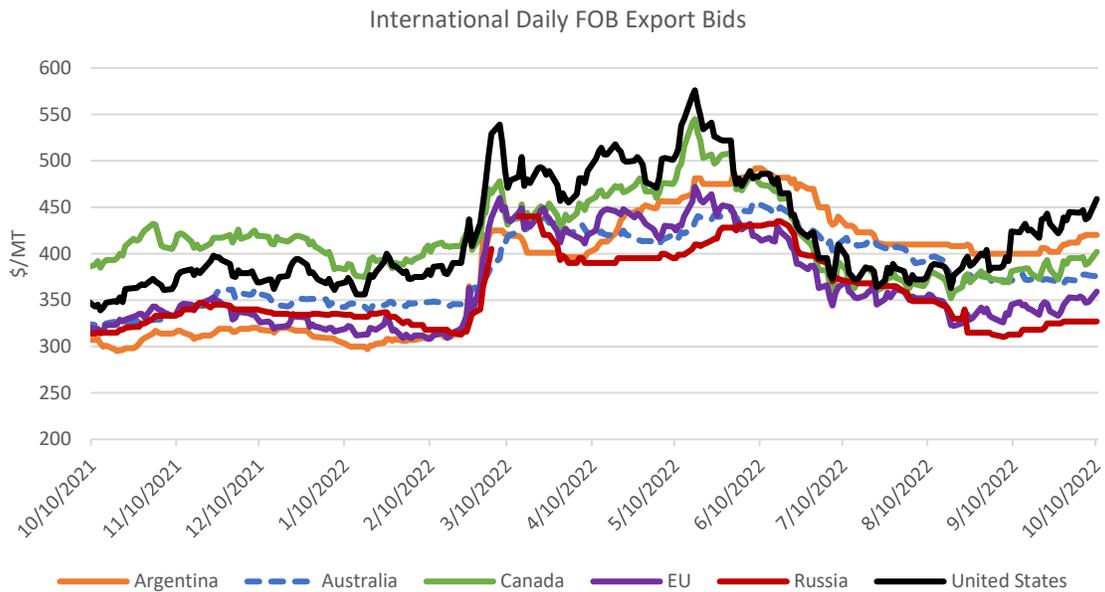
Source: IGC

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

Global: Global wheat prices have risen slightly since the September *WASDE* as uncertainty continues surrounding the Black Sea grains corridor agreement. U.S. quotes experienced the largest jump of \$67/ton as the *NASS Small Grains Summary* reduced U.S. production forecasts below industry expectations. Argentine quotes rose \$20/ton as 2022/23 production forecasts were cut due to continued lack of rainfall, and as Buenos Aires Grain Exchange rated wheat conditions only 54 percent fair to excellent. In line with gains for the other Western Hemisphere suppliers, Canadian quotes climbed \$33/ton. Meanwhile, Russian quotes increased \$14/ton and EU quotes rose \$25/ton on uncertainty in Black Sea export capabilities. Australian quotes were up only \$5/ton as the country is preparing to harvest another large crop and continues to export significant volumes to Asia.

Argentina	Australia	Canada	EU	Russia	United States
\$420	\$376	\$402	\$359	\$327	\$459

Note: As of October 10, 2022

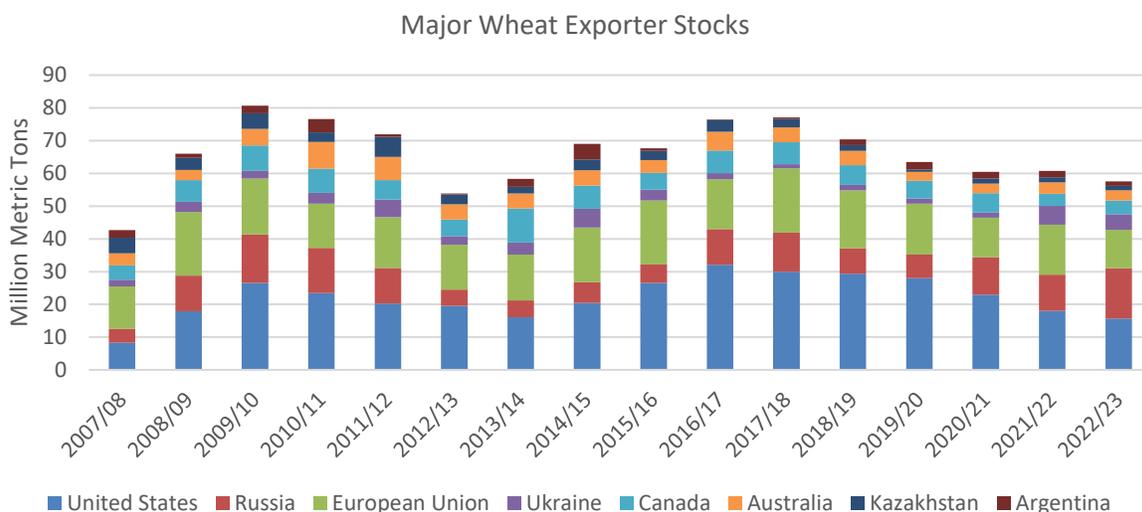


Source: IGC

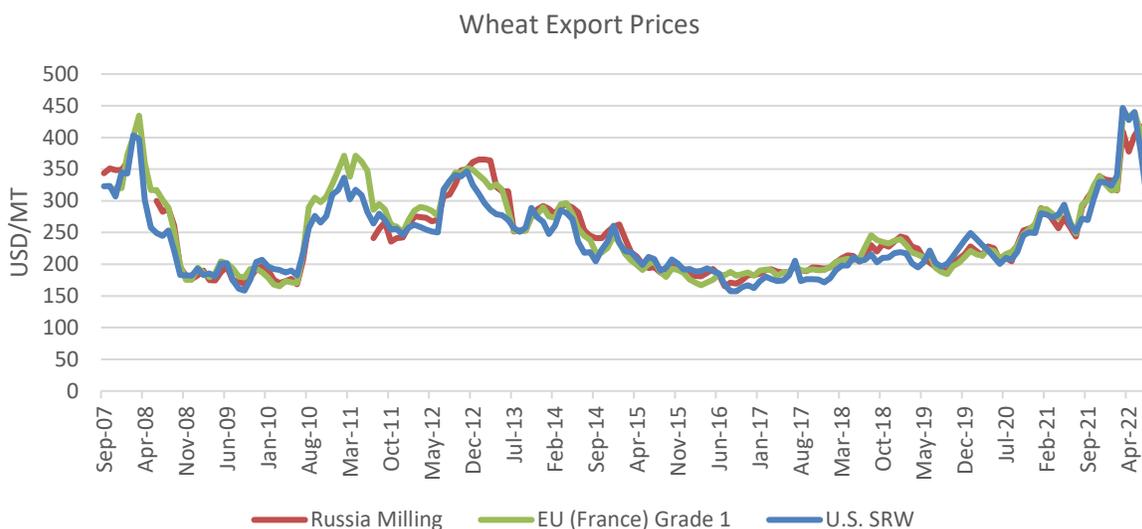
\*Note on FOB prices: Argentina- 12.0%, up river; Australia- average of APW; Kwinana, Newcastle, and Port Adelaide; Russia - Black Sea- milling; EU- France grade 1, Rouen; US- HRW 11.5% Gulf; Canada- CWRS (13.5%), Vancouver

## MARKET FEATURES

### Wheat Prices Remain High as Major Wheat Exporter Stocks Contract



Source: Trade Data Monitor, LLC



Source: International Grains Council

Although wheat prices have fallen from the peak earlier this year, global wheat prices remain elevated, reflective of both uncertainty in the market based on disrupted trade flows in the Black Sea region and the continued decline in the stocks of several major exporters. Exporter stocks are often evaluated as a measure of supplies available to the global market and are closely correlated with export prices. For 2022/23, exporter stocks are forecast to decline to the lowest level since 2012/13.

The United States has relatively more storage capacity compared to other export-oriented countries, resulting in it being a residual supplier. While the United States is forecast to hold the largest volume of

stocks among major exporters, its stocks are forecast to decline to the lowest level since 2007/08. U.S. stocks as reported in the September 2022 *Grain Stocks* report were in line with industry expectations, but the *Small Grains Summary* indicated that this year's U.S. wheat harvest was smaller than previously expected, essentially on par with the prior year. With dry conditions in the Southern Plains, Hard Red Winter wheat production was sharply lower, while spring wheat harvests improved significantly from the prior year's severe drought. The tighter U.S. supply situation is reflected in the elevated prices for the United States compared to other major suppliers. The U.S. season-average farm price is forecast at a record \$9.20 per bushel, compared to the current record of \$7.77 established in 2012/13.

Combined European Union and United Kingdom wheat stocks<sup>1</sup> are forecast to decline. The region has a smaller crop as a whole, while consumption is forecast higher. In particular, wheat feed and residual demand is robust amid a decimated corn crop (see page 1). Meanwhile, EU exports are set to rise to offset lower available supplies from Ukraine. Ukraine stocks soared in 2021/22 due to the naval blockade at the time. The grain corridor has enabled some wheat exports via sea ports, with around 2 million tons exported in September. With reduced production, Ukrainian stocks are forecast to be lower, but still above historical levels.

Among the major exporters, stocks are forecast higher for only two countries. Canada is forecast to rebound, given its improved crop this year compared to last year's drought-afflicted crop; however, the situation remains quite tight. With an increase in exports projected for 2022/23, the moderate increase in stocks results in a further reduction of the stocks-to-use ratio.

Russia is the other major exporter forecast to have an increase in stocks. The country began the marketing year with exceptionally high stocks due to its export restrictions, including an export tax and export quota in place from mid-February through the end of June. The export tax continues to be updated on a weekly basis, albeit at a much lower rate than the prior year. With large beginning stocks and a massive harvest, Russia will continue to be the top global wheat exporter. The initial pace of Russia exports has been relatively weak, but the monthly volumes are expected to increase as its prices remain competitive. Even so, Russia is expected to have its largest ending stocks in 30 years.

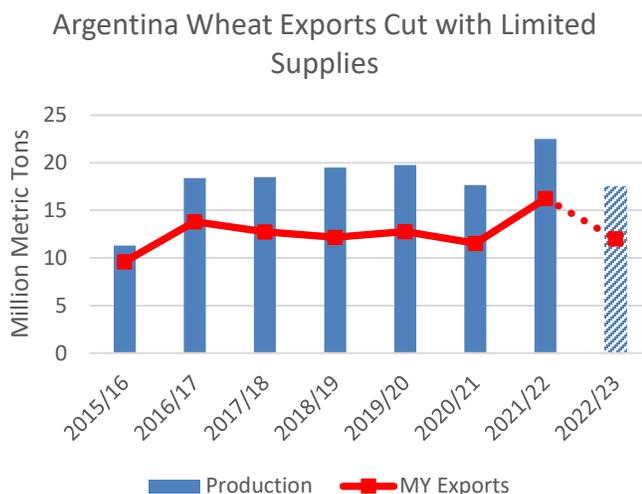
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<sup>1</sup> The USDA data for United Kingdom is separated from the European Union starting in 2016/17. To provide historical context, stocks shown in the graph are for both combined.

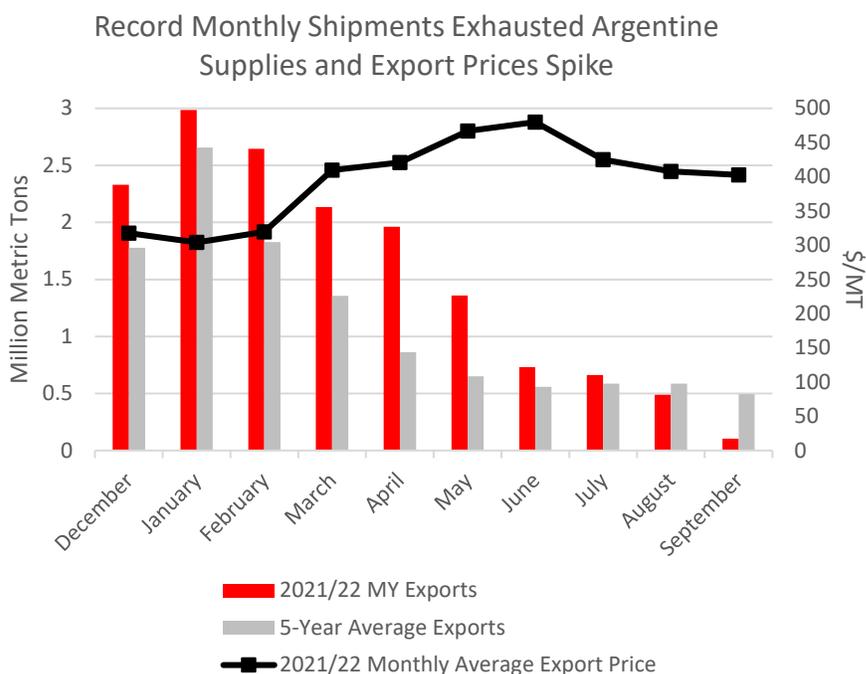
## Argentina Wheat Exports Slashed on Smallest Crop in 7 Years

Argentina MY 2022/23 wheat production is lowered to 17.5 million tons this month as dry conditions continue to impact yield potential. Following a year of record production, Argentina's wheat crop is now forecast at its lowest level since 2015/16. With limited exportable supplies, Argentina MY (Dec/Nov) wheat exports are lowered 1.0 million tons to 12.0 million.

In MY 2021/22, Argentina's record crop is forecast to allow for record exports of 16.3 million tons. While the global wheat market reeled from supply shocks caused by Russia's invasion of Ukraine, Argentina absorbed some global import demand with its ample supplies and relatively competitive prices. Importers in the Middle East, Africa, and Southeast Asia in particular struggled to find affordable wheat as Black Sea supplies were constrained and global prices skyrocketed. As a result, Argentina's market share expanded relative to Ukraine and Russia in Indonesia, Nigeria, and other large import markets.



Argentina shipped record monthly volumes of its 2021/22 crop in December, February, March, April, and May. In doing so, Argentina quickly exhausted its supplies and its export quotes soared from \$297/ton in January to \$492/ton in June.



Looking forward, Argentine export quotes typically decline in November as its wheat crop is harvested. Nevertheless, poor production prospects for 2022/23 and increased competition from the Black Sea and Canada should ensure lost market share and diminished exports in 2022/23.

Sources: Trade Data Monitor, LLC; International Grains Council; Agencia Maritima NABSA S.A.

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

Country	Attribute	Previous	Current	Change	Reason
<b>Brazil</b>	Imports	6,400	<b>6,200</b>	<b>-200</b>	Record production
<b>Argentina</b>	Exports	13,500	<b>12,500</b>	<b>-1,000</b>	Reduced crop and high prices
<b>Brazil</b>	Exports	3,200	<b>3,500</b>	<b>300</b>	Record production results in additional exportable supplies
<b>European Union</b>	Exports	33,500	<b>35,000</b>	<b>1,500</b>	Larger crop
<b>United States</b>	Exports	23,000	<b>21,500</b>	<b>-1,500</b>	Smaller crop, uncompetitive prices

# RICE

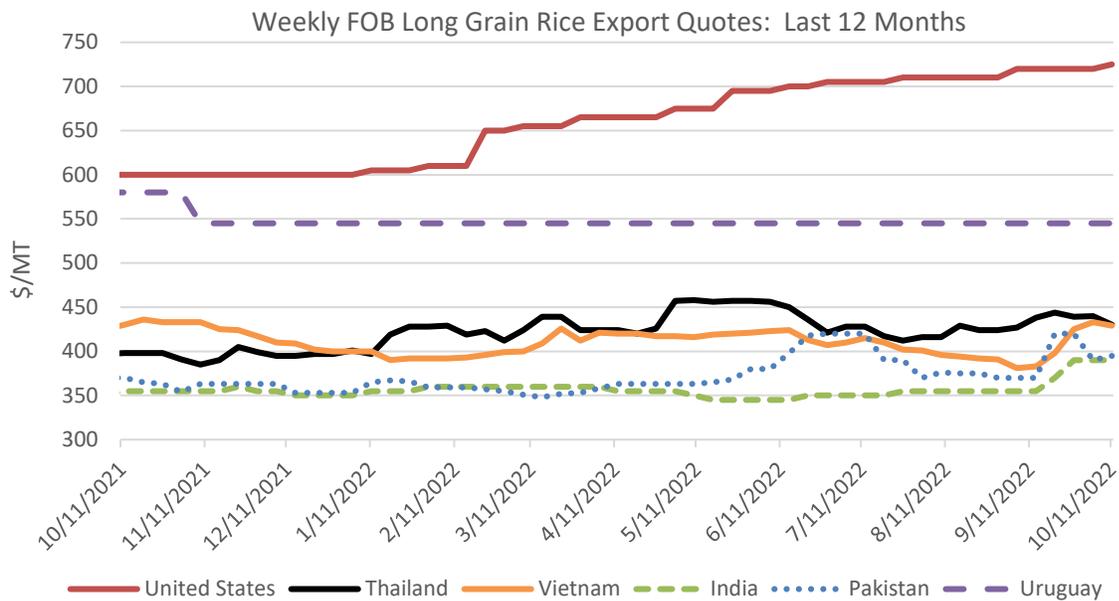
## OVERVIEW FOR 2022/23

Global rice production is forecast down due to smaller crops for India and Pakistan. Global consumption is forecast lower primarily for China. Global stocks are projected to decline, mainly for India, more than offsetting increases in China and Thailand. Imports are forecast down, lowered mostly for China, Sri Lanka, and Egypt. Exports are forecast lower with cuts for India, Pakistan, and the United States, more than offsetting increases for Thailand, Vietnam, and Brazil.

## OVERVIEW FOR 2021/22

Global rice production is forecast slightly higher due to larger crops in Thailand, Sri Lanka, and Uruguay. Global consumption is projected up, primarily in India. Global stocks are forecast down, especially in India due to strong domestic use and exports prior to the recently imposed tariffs and ban on broken rice exports. Imports are forecast slightly higher with stronger demand in Senegal and Vietnam. Exports are forecast up, primarily for Brazil, Thailand, and Vietnam.

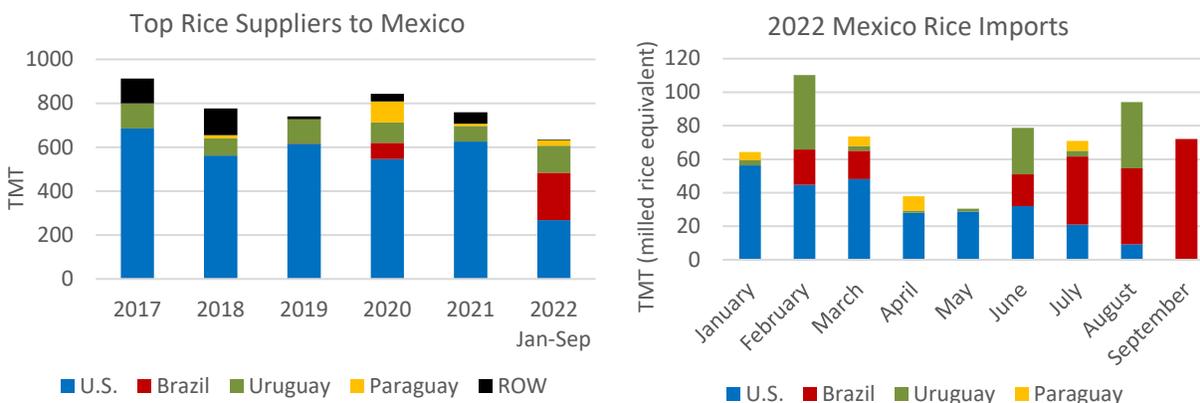
## RICE PRICES



In the past month, U.S. quotes jumped \$5 to \$725/ton on a strengthening dollar and continue to be the highest since 2008 amid tight supplies. Uruguayan prices are unchanged at \$545/ton. Thai quotes increased \$6 to \$430/ton due to strong demand, especially from Central and Western Asia. Vietnamese prices spiked \$38 to \$429/ton reflecting strong demand from Bangladesh and the recent ban on India broken rice exports. Pakistani quotes rose \$25 to \$395/ton on increased demand and constrained supplies on recent flooding. Indian quotes increased \$35 to \$390/ton but continue to be the lowest globally.

## MARKET FEATURES

### Rising Competition in Core U.S. Rice Market, Mexico



Source: Trade Data Monitor LLC

Mexico has diversified its suppliers in 2022, causing U.S. market share to plummet. The United States has accounted for less than half of rice exports to Mexico during the first 8 months of 2022 compared to nearly 90 percent for the same period in 2021. The United States has historically been the key exporter to Mexico, traditionally supplying over 95 percent of rice imports. However, more South American rice has recently entered the country primarily due to the temporary tariff suspension<sup>2</sup> and high U.S. prices.

In May 2022, the government of Mexico announced a one-year suspension of import tariffs for paddy rice in an effort to battle inflation. The import tariff for paddy rice had been 9 percent, but the United States and Uruguay both had preferential duty-free access. Since then, other exporters including Paraguay and Brazil have seen market share expand rapidly. U.S. rice faced a similar challenge between 2017 and 2020 when Mexico implemented duty-free tariff rate quotas for all types of rice. However, the 2022 policy does not limit the amount of paddy rice entering duty free.

Paddy rice accounts for 80 percent of total Mexico rice imports. With substantial milling capacity, Mexican importers prefer to bring in paddy rice. The United States has been the largest supplier of paddy rice to Mexico and Mexico is the largest paddy market for the United States.

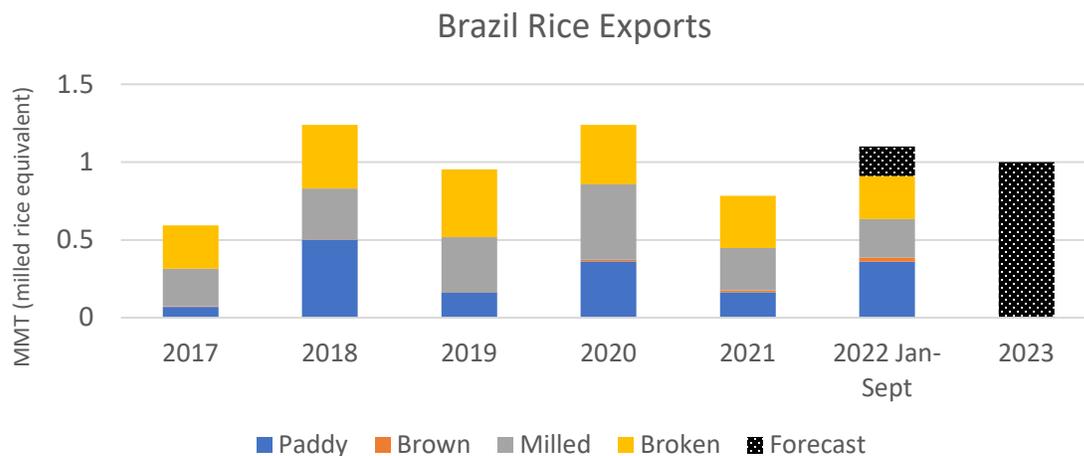
So far this year, Mexico is buying more paddy rice from South American suppliers, primarily Brazil, Paraguay, and Uruguay than from the United States. Brazil accounts for almost two-thirds of South American exports to Mexico, which reached 364,000 tons<sup>3</sup> in January-September 2022. Since the new policy was implemented, U.S. exports have declined significantly. In August and September, the United States exported less than 10,000 tons to Mexico each month. In contrast, Brazil's exports to Mexico in September surpassed 70,000 tons. Beyond the 9 percent tariff reduction, another primary cause of the loss of U.S. market share has been rising U.S. prices. U.S. paddy rice sold to Mexico averaged \$424/ton FOB compared to Brazil's average price of \$315/ton FOB.

<sup>2</sup>See: Temporary Suspension of Import Tariffs on Basic Food Products [https://apps.fas.usda.gov/newgainapi/api/Report/DownloadReportByFileName?fileName=Temporary%20Suspension%20of%20Import%20Tariffs%20on%20Basic%20Food%20Products\\_Mexico%20City\\_Mexico\\_MX2022-0029](https://apps.fas.usda.gov/newgainapi/api/Report/DownloadReportByFileName?fileName=Temporary%20Suspension%20of%20Import%20Tariffs%20on%20Basic%20Food%20Products_Mexico%20City_Mexico_MX2022-0029)

<sup>3</sup> Export data available through September for Brazil, but only up to August data for the United States, Paraguay, and Uruguay.

Looking ahead, U.S. prices are remaining firm given the tighter supplies in 2022/23. As a result, it is not expected to regain competitiveness with South American rice in the near future. Brazil and other South American suppliers are likely to continue shipping large quantities of rice to Mexico while paddy rice imports are duty free. At current prices, however, even if a paddy rice tariff is reintroduced in Mexico, U.S. rice prices remain uncompetitive at current prices.

## Brazil Exports Surge on More Paddy and Broken Rice Shipments



In 2022, Brazil has become a formidable Western Hemisphere exporter, primarily for paddy and broken rice. Brazil is the top rice producer and consumer in the Western Hemisphere and the second largest rice exporter in the region after the United States. Despite a smaller crop earlier this year, Brazil rice exports are expected to increase. In the first 9 months of 2022, Brazil exports have been strong, exceeding exports from the prior calendar year. Key factors supporting exports include competitive prices compared to U.S. paddy and increased opportunities to ship broken rice amid India's absence.

The primary driver of increased exports has been a surge in paddy rice shipments to the Western Hemisphere as Brazil's paddy prices have become more competitive compared to the United States. As described in the previous article, Brazil has benefited from duty-free access for its paddy rice into Mexico and has made significant gains there. Thus far in 2022, Brazil's exports of paddy rice to Mexico have surpassed its shipments to Venezuela, making Mexico the largest destination. Brazil's paddy exports to its key market Venezuela increased in 2022, despite increased competition from Uruguay. In addition, the United States has not exported rice to Venezuela in 2022, allowing Brazil to capitalize on the absence of the United States. Brazil also saw an increase in paddy exports to Central America, particularly El Salvador and Guatemala, despite slight reductions in exports to Costa Rica and Nicaragua.

Brazil's second largest export category is broken rice, which has also witnessed growth. Already in the first 9 months of the year, Brazil's broken rice exports are up compared to the prior year and the outlook is favorable for those to expand further. Brazil exports are positioned to increase further following India's export ban on broken rice, particularly to West Africa.

Similarly, in 2022, Brazil has also exported 25 percent more milled rice than the same period last year. The biggest area of growth has been its tremendous increase in exports to Cuba, with the largest shipments since 2015. Brown rice exports are also up, mainly to the European Union.

Looking forward, Brazil's production is expected to drop slightly in 2022/23 (harvested mostly next April-May). Thus, with a second consecutive crop reduction, exports are projected to decline marginally in 2023.

## TRADE CHANGES IN 2023 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	5,500	5,000	-500	Less imported broken rice
Egypt	Imports	650	550	-100	Larger crop
Sri Lanka	Imports	500	350	-150	Larger carryover stocks and suspension of rice imports
Brazil	Exports	700	1,000	300	Greater exportable supplies
Burma	Exports	2,300	2,400	100	Higher demand from China due to India's ban on broken exports
India	Exports	20,000	19,000	-1,000	Smaller crop
Pakistan	Exports	5,000	4,700	-300	Smaller crop
Thailand	Exports	8,000	8,200	200	India's ban on broken rice and taxes on multiple types of rice
United States	Exports	2,550	2,450	-100	High prices reduce competitiveness
Vietnam	Exports	6,800	7,200	400	Abundant supplies and India's imposed tariffs and ban on broken exports

## TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Iraq	Imports	1,500	1,600	100	Large purchases of Thai rice
Nepal	Imports	1,050	900	-150	Slow pace
Senegal	Imports	1,250	1,400	150	Large purchases of Indian rice
Vietnam	Imports	1,000	1,400	400	Strong pace of imports
Brazil	Exports	950	1,100	150	Large shipments to Mexico and Senegal
Thailand	Exports	7,500	7,600	100	Strong current pace, particularly to Iraq
United States	Exports	2,550	2,450	-100	Sluggish demand from Mexico
Vietnam	Exports	6,700	6,900	200	Strong demand from the Philippines

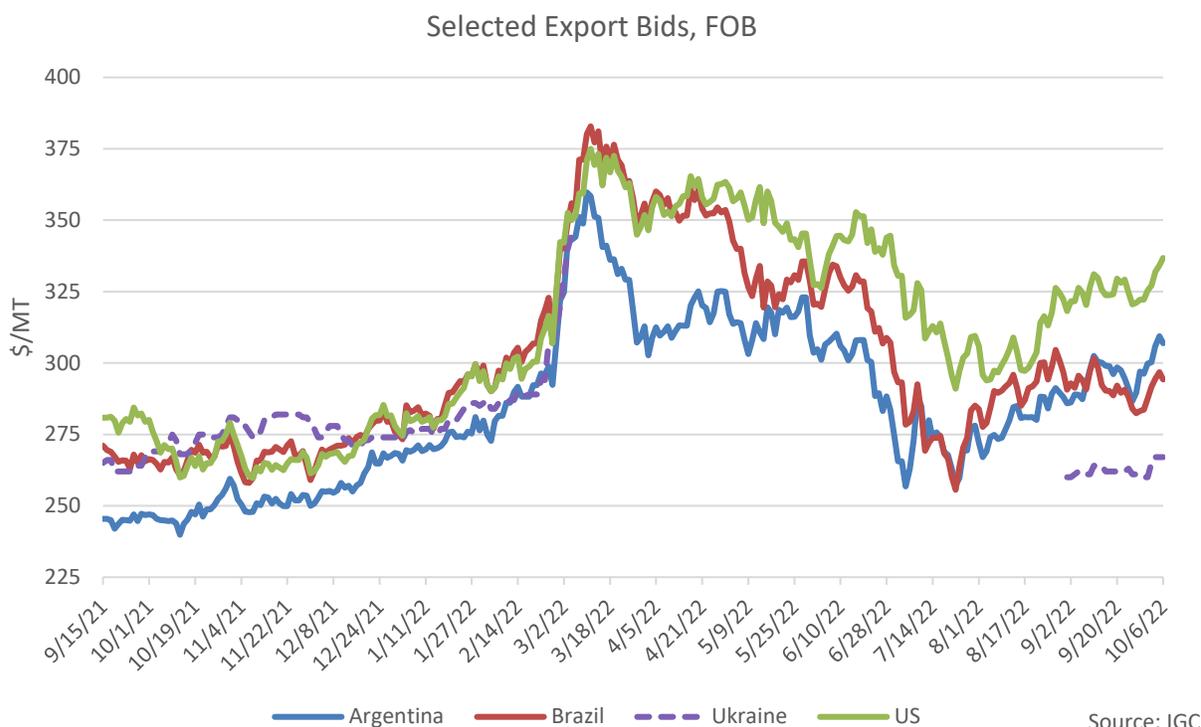
# COARSE GRAINS

## OVERVIEW FOR 2022/23

Global corn production is forecast lower with smaller crops in the European Union, Serbia, and the United States more than offsetting a larger crop in India. Global trade is little changed this month as an increase to India and Ukraine exports essentially offset lower exports from Serbia and the United States. Global imports are up slightly this month as increases for the European Union and the United States more than offset declines in Iran, Vietnam, and Japan. The U.S. season-average farm price is up 5 cents to \$6.80 per bushel.

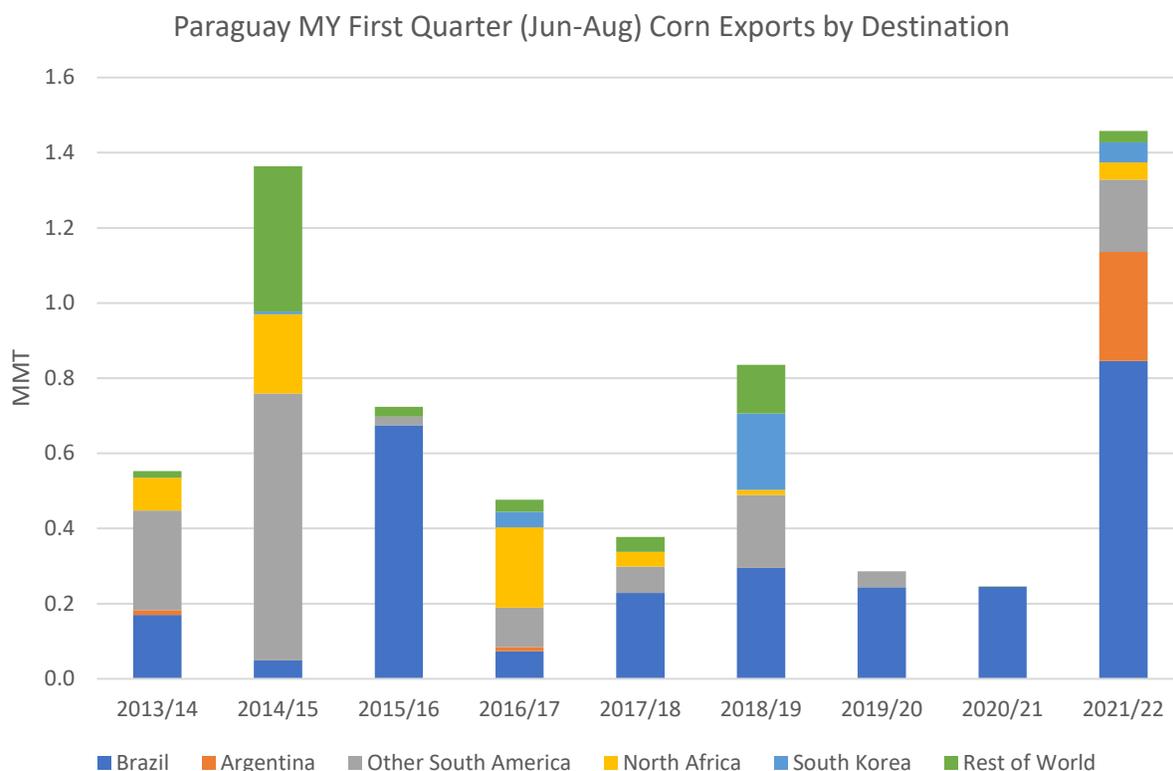
## CORN PRICES

Since the September *WASDE*, the major exporters' bids have generally risen. U.S. bids were up \$12/ton to \$337. In the *Grain Stocks* report released by NASS on September 30, ending stocks of the previous season totaled 1.38 billion bushels, nearly 10 percent lower than forecast in the September *WASDE*. Low water levels in the Mississippi River have hampered grain deliveries and raised freight rates. Brazilian bids were unchanged at \$294/ton on firm demand. Brazil corn exports were record high in August and September volumes were the third largest on record. Argentine bids were up \$20/ton to \$307. Ukrainian bids continue to be published, having resumed at the beginning of September, and were up \$6/ton to \$267.



## MARKET FEATURES

### Paraguay Corn Exports Start Strong



Source: Trade Data Monitor, LLC

In the first quarter of the 2021/22 marketing year (June 2022 – May 2023), Paraguay corn exports hit a record high of 1.5 million tons and August 2022 reached the highest single month volume in history. First quarter exports were last at a similarly high level in MY 2014/15 when Paraguay exported nearly 90 percent of its total production. Since then, both food, seed, and industrial (FSI) use – primarily ethanol – and feed use have grown. The current marketing year forecast for Paraguay corn exports is 2.7 million tons.

Overall, Paraguay corn exports are primarily destined for neighboring Brazil, whose livestock-producing southern states import corn from neighboring countries due to lower transport costs than shipping from the higher corn production regions of Brazil such as the Central-West states. Smaller volumes have been reported to Uruguay and Chile. Outside of South America, South Korea has become a consistent market in recent years, alongside Saudi Arabia and some North African countries. Notably, in August, Paraguay reported nearly 300,000 tons of exports to Argentina, far eclipsing any previously reported monthly or even yearly volume to the neighboring country.

Argentina's need to import corn is low and the large August volume reported from Paraguay to Argentina is likely for transshipment to other countries. According to port data published by Agencia Marítima NABSA, Argentine ports shipped around 300,000 tons of Paraguay-origin corn in August. About a third was destined for Chile and Peru. Most of the remainder was shipped outside of South America to South Korea, Saudi Arabia, Morocco, and Tunisia.

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Barley	Exports	3,700	<b>3,500</b>	<b>-200</b>	Lower production
China	Sorghum	Imports	8,000	<b>7,800</b>	<b>-200</b>	Reduced exportable supplies from the United States
European Union	Corn	Imports	19,000	<b>20,000</b>	<b>1,000</b>	Lower production
India	Corn	Exports	2,400	<b>2,800</b>	<b>400</b>	Higher production
Iran	Corn	Imports	9,500	<b>9,000</b>	<b>-500</b>	Moderate feed growth and increased competition for Brazilian supplies from the European Union
Japan	Corn	Imports	15,200	<b>15,000</b>	<b>-200</b>	Lower corn in compound feed
Serbia	Corn	Exports	1,600	<b>1,300</b>	<b>-300</b>	Lower production
Ukraine	Barley	Exports	1,800	<b>2,400</b>	<b>600</b>	Observed volume of trade in recent months and strong anticipated EU demand
	Corn	Exports	13,000	<b>15,500</b>	<b>2,500</b>	
United States	Corn	Exports	59,500	<b>57,000</b>	<b>-2,500</b>	Reduced exportable supplies
	Corn	Imports	650	<b>1,250</b>	<b>600</b>	Expectation of increased demand in southeastern feed markets
	Sorghum	Exports	5,000	<b>4,800</b>	<b>-200</b>	Lower production
Vietnam	Corn	Imports	11,500	<b>11,000</b>	<b>-500</b>	Expectation of high corn prices tempering demand

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

<b>Country</b>	<b>Commodity</b>	<b>Attribute</b>	<b>Previous</b>	<b>Current</b>	<b>Change</b>
Algeria	Corn	Imports	3,000	<b>3,200</b>	<b>200</b>
Argentina	Corn	Exports	41,500	<b>39,500</b>	<b>-2,000</b>
	Sorghum	Exports	2,300	<b>1,900</b>	<b>-400</b>
Australia	Barley	Exports	9,000	<b>8,200</b>	<b>-800</b>
Brazil	Corn	Exports	33,000	<b>32,439</b>	<b>-561</b>
China	Barley	Imports	8,500	<b>8,300</b>	<b>-200</b>
China	Corn	Imports	23,000	<b>22,000</b>	<b>-1,000</b>
Egypt	Corn	Imports	9,200	<b>9,500</b>	<b>300</b>
European Union	Barley	Exports	6,900	<b>6,100</b>	<b>-800</b>
	Corn	Exports	5,800	<b>6,000</b>	<b>200</b>
		Imports	18,500	<b>20,000</b>	<b>1,500</b>
Iran	Barley	Imports	2,000	<b>1,500</b>	<b>-500</b>
Israel	Corn	Imports	1,500	<b>1,700</b>	<b>200</b>
Japan	Corn	Imports	15,300	<b>15,100</b>	<b>-200</b>
Paraguay	Corn	Exports	2,000	<b>2,600</b>	<b>600</b>
Russia	Barley	Exports	2,800	<b>3,100</b>	<b>300</b>
Saudi Arabia	Barley	Imports	4,200	<b>4,800</b>	<b>600</b>
	Corn	Imports	3,500	<b>4,000</b>	<b>500</b>
South Africa	Corn	Exports	3,500	<b>3,750</b>	<b>250</b>
Taiwan	Corn	Imports	4,400	<b>4,600</b>	<b>200</b>
Ukraine	Barley	Exports	2,300	<b>2,700</b>	<b>400</b>
	Corn	Exports	26,000	<b>27,000</b>	<b>1,000</b>
Vietnam	Corn	Imports	9,500	<b>9,100</b>	<b>-400</b>

# **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](#) October 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
<b>Production</b>										
United States	(Jun-May)	49.8	44.8	44.9	7.2	6.1	5.3	358.4	382.9	353.0
Other		724.7	735.0	736.8	502.1	509.2	499.7	770.9	834.4	815.7
<b>World Total</b>		774.5	779.8	781.7	509.3	515.3	505.0	1,129.3	1,217.3	1,168.7
<b>Domestic Consumption</b>										
United States	(Jun-May)	30.4	30.4	29.6	4.9	4.8	4.5	306.7	317.1	304.8
Other		743.8	758.9	756.1	494.0	513.1	511.8	839.7	867.0	865.7
<b>World Total</b>		774.2	789.3	785.7	498.9	517.9	516.3	1,146.4	1,184.1	1,170.5
<b>Ending Stocks</b>										
United States	(Jun-May)	23.0	18.2	15.7	1.4	1.3	1.1	31.4	35.0	29.8
Other		267.4	257.8	251.8	186.8	182.9	170.1	261.4	272.0	271.4
<b>World Total</b>		290.4	276.0	267.5	188.2	184.2	171.2	292.8	307.0	301.2
<b>TY Imports</b>										
United States	(Jun-May)	2.5	2.7	3.1	1.0	1.3	1.4	0.6	0.7	1.3
Other		192.8	197.1	200.6	48.8	51.6	49.8	179.2	185.3	177.8
<b>World Total</b>		195.3	199.8	203.7	49.8	52.9	51.2	179.8	186.0	179.1
<b>TY Exports</b>										
United States	(Jun-May)	26.6	21.5	21.5	2.9	2.5	2.5	68.3	63.0	57.0
Other		172.7	183.7	186.2	48.9	52.2	50.9	115.7	130.5	127.8
<b>World Total</b>		199.3	205.2	207.7	51.8	54.7	53.4	184.0	193.5	184.8

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Russia	35,863	34,485	39,100	33,000	42,000	42,000
European Union	24,686	39,788	29,740	31,904	33,500	35,000
Australia	9,835	10,118	19,720	26,113	26,000	26,000
Canada	24,475	22,991	27,723	14,952	26,000	26,000
Argentina	12,680	13,608	9,597	17,651	13,500	12,500
Ukraine	16,019	21,016	16,851	18,844	11,000	11,000
Kazakhstan	8,780	6,888	8,128	8,455	8,000	8,000
Turkey	6,676	6,633	6,571	6,646	6,750	6,750
India	494	595	3,597	10,567	4,000	4,000
Brazil	594	408	911	3,105	3,200	3,500
Others	11,827	11,591	10,803	12,504	11,444	11,444
<b>Subtotal</b>	151,929	168,121	172,741	183,741	185,394	186,194
<b>United States</b>	26,202	26,390	26,573	21,501	23,000	21,500
<b>World Total</b>	178,131	194,511	199,314	205,242	208,394	207,694
<b>TY Imports</b>						
Indonesia	10,934	10,586	10,649	10,700	11,200	11,200
Egypt	12,354	12,811	12,149	11,500	11,000	11,000
Turkey	6,515	11,087	8,051	9,555	10,250	10,250
China	3,145	5,376	10,618	9,568	9,500	9,500
Algeria	7,515	7,145	7,680	8,286	8,400	8,400
Morocco	3,724	4,879	5,191	4,726	7,500	7,500
Bangladesh	5,100	6,800	7,200	6,340	7,000	7,000
Nigeria	4,659	5,338	6,586	6,187	6,500	6,500
Brazil	7,442	7,063	6,359	6,582	6,400	6,200
Philippines	7,570	7,065	6,113	6,900	6,200	6,200
Iran	170	2,500	2,200	8,000	6,000	6,000
Japan	5,726	5,683	5,493	5,605	5,700	5,700
European Union	5,763	5,551	5,379	4,606	5,500	5,500
Mexico	4,861	5,080	4,724	5,326	5,000	5,000
Korea, South	3,908	3,941	3,889	5,097	4,200	4,200
Vietnam	3,500	3,570	3,900	4,527	4,200	4,100
Yemen	3,675	3,728	4,043	3,410	3,700	3,700
Iraq	4,031	2,242	2,175	2,576	3,500	3,500
Uzbekistan	2,837	2,746	3,758	3,344	3,500	3,500
Afghanistan	3,700	3,000	3,400	3,600	3,400	3,400
Saudi Arabia	2,902	3,652	2,818	3,052	3,000	3,000
Thailand	2,899	3,501	3,306	2,351	2,700	2,700
Pakistan	2	1	3,617	2,335	2,500	2,500
Colombia	1,705	2,276	1,906	2,040	2,300	2,300
Kenya	2,000	2,500	2,092	2,083	2,200	2,200
Others	54,259	58,495	59,487	58,840	59,795	59,545
<b>Subtotal</b>	170,896	186,616	192,783	197,136	201,145	200,595
<b>Unaccounted</b>	3,739	5,062	4,023	5,400	4,249	3,999
<b>United States</b>	3,496	2,833	2,508	2,706	3,000	3,100
<b>World Total</b>	178,131	194,511	199,314	205,242	208,394	207,694

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 Sep	2022/23 Oct
<b>Production</b>						
Argentina	19,500	19,750	17,640	22,500	19,000	17,500
Australia	17,598	14,480	31,923	36,347	33,000	33,000
Brazil	5,428	5,200	6,250	7,700	8,700	9,200
Canada	32,352	32,670	35,437	22,296	35,000	35,000
China	131,441	133,600	134,250	136,946	138,000	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	132,100	134,750
India	99,870	103,600	107,860	109,586	103,000	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	91,000	91,000
Turkey	19,000	17,500	18,250	16,000	17,250	17,250
Ukraine	25,057	29,171	25,420	33,007	20,500	20,500
United Kingdom	13,555	15,600	9,658	13,988	14,600	14,600
Others	59,031	64,825	62,644	62,861	60,845	60,595
<b>Subtotal</b>	679,614	708,926	724,779	734,956	735,395	736,795
<b>United States</b>	51,306	52,581	49,751	44,804	48,523	44,902
<b>World Total</b>	730,920	761,507	774,530	779,760	783,918	781,697
<b>Total Consumption</b>						
Algeria	10,750	10,950	11,150	11,370	11,570	11,570
Brazil	11,900	11,900	11,800	11,750	11,900	11,900
Canada	9,120	9,750	9,100	10,178	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	108,250	108,000	108,750
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	10,600	10,600
Pakistan	25,400	25,500	26,300	27,700	29,000	29,000
Russia	40,500	40,000	42,500	42,750	45,000	45,000
Turkey	18,800	20,000	20,600	20,200	20,700	20,700
Ukraine	8,800	8,300	8,700	10,000	10,700	10,700
United Kingdom	15,417	15,196	13,455	15,400	15,600	15,600
Others	177,104	181,459	184,520	183,587	185,271	184,771
<b>Subtotal</b>	704,270	715,505	751,828	763,745	760,594	760,561
<b>United States</b>	29,986	30,437	30,412	30,403	30,427	29,611
<b>World Total</b>	734,256	745,942	782,240	794,148	791,021	790,172
<b>Ending Stocks</b>						
Algeria	5,219	5,358	4,992	4,406	4,931	4,931
China	138,088	150,015	144,120	141,759	144,359	144,359
European Union	15,798	13,110	10,690	13,431	9,531	9,931
India	16,992	24,700	27,800	19,500	11,525	11,525
Iran	4,936	4,786	4,336	5,086	5,486	5,486
Russia	7,778	7,228	11,380	11,088	15,388	15,388
Ukraine	1,555	1,504	1,505	5,811	4,711	4,711
Others	62,791	63,422	62,574	56,717	56,041	55,527
<b>Subtotal</b>	253,157	270,123	267,397	257,798	251,972	251,858
<b>United States</b>	29,386	27,985	23,001	18,212	16,599	15,677
<b>World Total</b>	282,543	298,108	290,398	276,010	268,571	267,535

## Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	8,833	8,589	7,781	8,589	8,600	8,700
Central America	1,928	2,074	2,147	2,081	2,300	2,300
South America	14,955	15,537	15,246	14,763	15,470	15,270
European Union	5,763	5,551	5,379	4,606	5,500	5,500
Other Europe	4,663	3,533	4,799	4,412	3,760	3,760
Former Soviet Union - 12	7,841	8,034	9,416	10,210	9,350	9,250
Middle East	24,687	31,100	27,178	34,868	35,710	35,710
North Africa	26,956	27,991	28,246	27,507	30,200	30,200
Sub-Saharan Africa	22,572	26,953	26,581	26,360	26,410	26,410
East Asia	15,011	17,270	22,206	22,164	21,380	21,380
South Asia	10,059	11,307	16,137	13,655	14,785	14,635
Southeast Asia	27,757	27,561	26,704	27,421	27,200	27,100
Others	3,367	3,949	3,471	3,206	3,480	3,480
<b>Total</b>	<b>174,392</b>	<b>189,449</b>	<b>195,291</b>	<b>199,842</b>	<b>204,145</b>	<b>203,695</b>
<b>Production</b>						
North America	86,658	88,521	88,153	70,381	87,093	83,472
South America	28,859	28,773	27,853	33,927	31,707	30,707
European Union	123,124	138,799	126,691	138,289	132,100	134,750
Other Europe	18,129	19,831	14,083	18,627	19,240	19,240
Former Soviet Union - 12	123,432	129,099	139,464	133,962	138,945	138,795
Middle East	38,879	43,246	43,372	34,495	36,940	36,940
North Africa	21,002	18,399	15,810	20,431	17,600	17,600
Sub-Saharan Africa	8,283	8,431	9,456	9,369	9,816	9,816
East Asia	132,834	135,094	135,744	138,735	139,821	139,721
South Asia	131,655	136,335	141,426	144,656	137,101	137,101
Oceania	17,969	14,878	32,377	36,788	33,455	33,455
Others	96	101	101	100	100	100
<b>Total</b>	<b>730,920</b>	<b>761,507</b>	<b>774,530</b>	<b>779,760</b>	<b>783,918</b>	<b>781,697</b>
<b>Domestic Consumption</b>						
North America	46,606	47,587	46,712	48,006	47,127	46,311
South America	28,695	29,465	29,695	29,391	30,015	29,915
European Union	106,300	107,250	104,750	108,250	108,000	108,750
Other Europe	20,697	20,421	18,725	20,730	21,010	21,010
Former Soviet Union - 12	76,435	75,560	78,545	79,100	82,470	82,220
Middle East	59,919	62,860	64,322	63,689	64,910	64,910
North Africa	46,100	46,250	46,720	47,020	47,520	47,520
Sub-Saharan Africa	30,319	32,975	34,583	34,738	34,920	34,920
East Asia	137,750	138,638	162,368	161,093	156,445	156,445
South Asia	138,996	139,880	148,353	157,455	153,601	153,551
Southeast Asia	26,165	26,355	26,180	26,240	26,140	26,040
Oceania	10,610	9,410	9,435	10,015	10,025	10,025
Others	3,614	3,694	3,816	3,539	4,085	4,085
<b>Total</b>	<b>732,206</b>	<b>740,345</b>	<b>774,204</b>	<b>789,266</b>	<b>786,268</b>	<b>785,702</b>
<b>Ending Stocks</b>						
North America	36,030	33,869	29,216	22,403	21,360	20,438
South America	5,876	6,786	6,672	5,603	5,289	5,161
European Union	15,798	13,110	10,690	13,431	9,531	9,931
Other Europe	3,224	3,850	2,497	2,631	2,991	2,991
Former Soviet Union - 12	14,883	13,141	18,239	21,236	24,382	24,351
Middle East	14,412	17,849	16,851	14,206	14,376	14,376
North Africa	15,537	14,357	11,142	11,000	10,780	10,780
Sub-Saharan Africa	2,926	4,220	4,486	4,327	4,468	4,468
East Asia	141,028	152,906	146,908	144,980	148,111	147,906
South Asia	21,466	28,203	34,242	26,203	17,578	17,478
Southeast Asia	6,186	6,240	5,578	5,435	5,400	5,350
Oceania	4,769	3,029	3,263	3,891	3,581	3,581
Others	408	548	614	664	724	724
<b>Total</b>	<b>282,543</b>	<b>298,108</b>	<b>290,398</b>	<b>276,010</b>	<b>268,571</b>	<b>267,535</b>

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Argentina	388	335	400	350	320	320
Australia	134	42	72	250	280	280
Brazil	954	1,240	782	1,100	700	1,000
Burma	2,700	2,300	1,900	2,300	2,300	2,400
Cambodia	1,350	1,350	1,850	1,700	1,600	1,600
China	2,720	2,265	2,407	2,250	2,200	2,200
European Union	506	543	413	440	420	420
Guyana	511	552	406	430	450	450
India	9,813	14,577	21,238	20,300	20,000	19,000
Pakistan	4,550	3,934	3,928	5,200	5,000	4,700
Paraguay	689	803	640	640	700	700
Thailand	7,562	5,706	6,062	7,600	8,000	8,200
Turkey	202	234	241	270	230	230
Uruguay	809	969	704	925	850	900
Vietnam	6,581	6,167	6,272	6,900	6,800	7,200
Others	1,309	1,486	1,609	1,555	1,325	1,350
<b>Subtotal</b>	40,778	42,503	48,924	52,210	51,175	50,950
<b>United States</b>	3,142	2,857	2,917	2,450	2,550	2,450
<b>World Total</b>	43,920	45,360	51,841	54,660	53,725	53,400
<b>TY Imports</b>						
Brazil	691	876	685	850	850	850
Burkina Faso	600	600	650	650	650	650
China	2,800	3,200	4,921	5,700	5,500	5,000
Cote d'Ivoire	1,350	1,100	1,450	1,450	1,500	1,500
Ethiopia	520	700	850	950	950	950
European Union	1,794	1,993	1,861	2,400	2,500	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	1,600	1,450	1,500
Japan	678	676	662	685	685	685
Kenya	610	600	600	650	650	650
Malaysia	1,000	1,220	1,150	1,200	1,200	1,200
Mali	300	300	300	800	700	700
Mexico	740	843	759	750	800	800
Mozambique	635	655	700	700	760	760
Nepal	620	980	1,260	900	1,100	1,100
Nigeria	1,800	1,800	2,100	2,200	2,200	2,200
Philippines	2,900	2,450	2,950	3,400	3,300	3,300
Saudi Arabia	1,425	1,613	1,200	1,300	1,300	1,300
Senegal	1,000	1,050	1,250	1,400	1,100	1,100
South Africa	944	1,000	1,000	1,000	1,025	1,025
United Arab Emirates	850	850	750	900	950	950
United Kingdom	587	654	600	650	660	660
Vietnam	500	400	1,800	1,400	700	700
Others	14,906	15,464	17,174	17,075	16,964	16,684
<b>Subtotal</b>	41,343	42,639	48,817	51,560	50,494	49,764
<b>Unaccounted</b>	1,595	1,511	2,046	1,800	1,831	2,236
<b>United States</b>	982	1,210	978	1,300	1,400	1,400
<b>World Total</b>	43,920	45,360	51,841	54,660	53,725	53,400

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 Sep	2022/23 Oct
<b>Milled Production</b>						
Bangladesh	34,909	35,850	34,600	35,850	35,650	35,650
Brazil	7,140	7,602	8,001	7,337	7,100	7,300
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	147,000	147,000
India	116,480	118,870	124,370	130,290	126,500	124,000
Indonesia	34,200	34,700	34,500	34,400	34,600	34,600
Japan	7,657	7,611	7,570	7,665	7,550	7,450
Korea, South	3,868	3,744	3,507	3,882	3,750	3,750
Nepal	3,736	3,696	3,743	3,730	3,763	3,620
Nigeria	5,294	5,314	5,148	5,255	5,355	5,355
Pakistan	7,202	7,414	8,420	9,100	8,400	7,400
Philippines	11,732	11,927	12,416	12,540	12,411	12,411
Thailand	20,340	17,655	18,863	19,878	19,800	20,100
Vietnam	27,344	27,100	27,381	27,069	27,400	27,400
Others	43,778	46,670	46,832	45,020	45,030	45,313
<b>Subtotal</b>	491,112	493,273	502,034	509,220	502,749	499,789
<b>United States</b>	7,107	5,877	7,224	6,090	5,244	5,253
<b>World Total</b>	498,219	499,150	509,258	515,310	507,993	505,042
<b>Consumption and Residual</b>						
Bangladesh	35,400	35,700	36,100	36,500	36,800	36,800
Brazil	7,350	7,300	7,350	7,300	7,300	7,250
Burma	10,250	10,400	10,500	10,400	10,400	10,300
Cambodia	4,300	4,350	4,300	4,200	4,200	4,200
China	142,920	145,230	150,293	156,360	156,100	155,000
Egypt	4,200	4,300	4,300	4,050	4,050	4,100
India	99,160	101,950	101,071	110,790	109,250	109,250
Indonesia	36,300	36,000	35,400	35,150	35,000	35,000
Japan	8,400	8,350	8,150	8,200	8,150	8,200
Nepal	4,376	4,521	4,968	4,730	4,863	4,720
Nigeria	6,950	7,050	7,150	7,250	7,450	7,450
Pakistan	3,200	3,400	3,700	3,750	4,200	4,000
Philippines	14,100	14,300	14,450	15,400	15,600	15,600
Thailand	11,800	12,300	12,700	12,800	13,000	12,900
Vietnam	21,200	21,250	21,450	21,500	21,500	21,500
Others	70,511	71,952	72,144	74,729	75,514	75,568
<b>Subtotal</b>	480,400	489,411	498,494	514,409	514,841	513,610
<b>United States</b>	4,577	4,586	4,860	4,806	4,477	4,477
<b>World Total</b>	484,977	493,997	503,354	519,215	519,318	518,087
<b>Ending Stocks</b>						
China	115,000	116,500	116,500	113,000	107,200	107,800
India	29,500	33,900	37,000	35,000	33,750	30,750
Indonesia	4,063	3,313	3,060	2,860	3,010	3,010
Nigeria	1,828	1,492	1,690	1,895	2,000	2,000
Philippines	3,520	3,597	3,763	4,503	4,614	4,614
Thailand	4,080	3,979	4,280	3,958	2,830	3,158
Vietnam	1,097	1,180	2,639	2,708	2,358	2,108
Others	16,581	17,375	17,831	19,060	16,821	16,707
<b>Subtotal</b>	175,669	181,336	186,763	182,984	172,583	170,147
<b>United States</b>	1,424	910	1,387	1,261	980	1,053
<b>World Total</b>	177,093	182,246	188,150	184,245	173,563	171,200

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	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	2,143	2,530	2,146	2,495	2,650	2,675
Caribbean	1,076	1,211	1,003	937	1,065	1,035
South America	1,921	2,287	1,753	2,002	2,135	2,110
Other Europe	707	777	710	775	785	785
Former Soviet Union - 12	569	517	585	549	595	595
Middle East	7,205	6,957	6,158	7,190	7,140	7,190
North Africa	1,022	575	595	1,115	965	865
Sub-Saharan Africa	13,815	14,315	15,945	17,040	16,890	16,890
East Asia	4,404	4,805	6,562	7,415	7,205	6,705
South Asia	951	1,405	4,389	2,655	2,557	2,407
Southeast Asia	5,815	5,399	7,239	7,262	6,432	6,432
European Union	1,794	1,993	1,861	2,400	2,500	2,500
<b>Total</b>	<b>42,325</b>	<b>43,849</b>	<b>49,795</b>	<b>52,860</b>	<b>51,894</b>	<b>51,164</b>
<b>Production</b>						
North America	7,295	6,052	7,425	6,271	5,432	5,441
Caribbean	1,010	957	886	885	871	871
South America	15,962	16,327	17,040	16,274	16,272	16,507
European Union	1,843	1,888	1,826	1,714	1,348	1,348
Former Soviet Union - 12	1,271	1,414	1,426	1,345	1,238	1,236
Middle East	2,616	2,950	2,896	2,691	2,840	2,840
North Africa	2,844	4,345	4,042	2,945	3,392	3,642
Sub-Saharan Africa	20,117	20,742	20,595	20,975	20,826	20,826
East Asia	162,732	161,159	162,001	163,097	160,857	160,757
South Asia	165,688	169,414	174,866	182,043	177,293	173,650
Southeast Asia	116,064	113,198	115,244	115,832	116,402	116,702
<b>Total</b>	<b>498,219</b>	<b>499,150</b>	<b>509,258</b>	<b>515,310</b>	<b>507,993</b>	<b>505,042</b>
<b>Domestic Consumption</b>						
North America	5,911	5,982	6,232	6,225	5,882	5,917
Central America	1,358	1,385	1,340	1,385	1,402	1,402
Caribbean	2,111	2,021	1,945	1,874	1,911	1,881
South America	14,905	14,862	14,946	15,008	15,101	15,051
European Union	3,246	3,394	3,400	3,500	3,550	3,550
Former Soviet Union - 12	1,574	1,641	1,717	1,690	1,676	1,675
Middle East	9,192	9,406	9,062	9,440	9,695	9,745
North Africa	4,591	4,604	4,625	4,400	4,407	4,457
Sub-Saharan Africa	33,628	34,453	35,432	37,142	37,576	37,576
East Asia	158,933	161,013	165,380	171,510	171,200	170,150
South Asia	145,573	149,359	149,784	159,910	159,343	159,000
Southeast Asia	102,952	103,718	103,951	104,676	104,926	104,726
<b>Total</b>	<b>484,994</b>	<b>492,939</b>	<b>498,886</b>	<b>517,915</b>	<b>517,854</b>	<b>516,315</b>
<b>Ending Stocks</b>						
North America	1,574	1,081	1,591	1,416	1,132	1,206
Central America	323	339	221	276	275	275
Caribbean	303	327	329	327	349	340
South America	1,941	1,641	2,136	1,730	1,810	1,761
European Union	931	899	663	737	615	615
Middle East	1,238	1,804	1,558	1,729	1,684	1,784
North Africa	949	1,232	1,150	645	640	690
Sub-Saharan Africa	3,597	3,082	3,140	3,908	3,408	3,633
East Asia	118,766	120,224	120,098	116,950	111,220	111,737
South Asia	32,370	37,257	41,244	40,465	37,499	34,154
Southeast Asia	14,880	14,112	15,650	15,598	14,428	14,506
Oceania	52	15	93	201	260	260
<b>Total</b>	<b>177,093</b>	<b>182,246</b>	<b>188,150</b>	<b>184,245</b>	<b>173,563</b>	<b>171,200</b>

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Argentina	36,134	42,943	40,977	45,102	47,001	46,801
Australia	4,049	3,627	9,705	11,025	9,375	9,375
Brazil	38,812	34,141	27,504	32,456	46,525	46,525
Canada	5,805	5,278	7,221	5,500	6,650	6,550
European Union	10,412	13,492	12,552	12,466	9,270	9,270
India	537	1,158	3,735	3,642	2,455	2,855
Paraguay	2,568	2,089	2,564	2,620	2,805	2,805
Russia	7,402	9,292	9,871	7,375	10,150	10,150
South Africa	1,191	2,465	2,756	3,764	3,710	3,710
Ukraine	34,874	34,088	29,049	29,905	14,830	17,930
Others	13,379	13,503	13,467	11,941	9,738	9,438
<b>Subtotal</b>	155,163	162,076	159,401	165,796	162,509	165,409
<b>United States</b>	51,838	52,632	75,623	70,414	64,685	61,985
<b>World Total</b>	207,001	214,708	235,024	236,210	227,194	227,394
<b>TY Imports</b>						
Algeria	5,284	5,672	4,977	3,957	4,810	4,810
Bangladesh	1,385	2,010	1,847	2,266	2,208	2,208
Brazil	1,797	1,995	2,679	4,068	1,800	1,800
Chile	2,431	2,838	2,557	2,475	2,595	2,595
China	10,540	17,480	50,531	41,125	35,850	35,650
Colombia	6,390	6,285	6,132	6,351	6,301	6,301
Egypt	9,568	10,439	9,653	9,511	9,210	9,210
European Union	26,290	18,666	15,820	21,750	20,220	21,320
Guatemala	1,224	1,527	1,346	1,600	1,600	1,600
Iran	12,200	9,102	10,902	10,102	12,000	11,500
Israel	1,910	2,398	1,998	2,035	1,880	1,880
Japan	17,726	17,633	16,980	16,686	16,670	16,465
Jordan	1,694	1,471	1,414	1,750	1,600	1,600
Korea, South	10,964	11,978	11,804	11,612	11,600	11,600
Malaysia	3,690	3,806	3,726	3,820	3,825	3,825
Mexico	17,415	17,576	17,301	18,475	18,570	18,570
Morocco	3,028	4,049	2,937	2,852	3,012	3,012
Peru	3,875	4,090	3,851	3,740	4,055	4,051
Saudi Arabia	9,377	11,821	9,128	8,807	8,710	8,710
Taiwan	4,610	4,660	4,472	4,685	4,480	4,580
Thailand	1,406	2,287	2,889	1,590	2,200	2,200
Tunisia	1,418	1,660	1,902	1,700	1,650	1,650
Turkey	4,044	4,011	3,428	5,697	3,800	3,800
United Kingdom	2,965	2,589	2,695	2,419	1,952	1,952
Vietnam	11,033	12,198	11,947	9,700	12,200	11,700
Others	24,354	25,104	24,251	29,284	24,691	24,661
<b>Subtotal</b>	196,618	203,345	227,167	228,057	217,489	217,250
<b>Unaccounted</b>	7,758	8,371	5,327	5,542	7,154	6,993
<b>United States</b>	2,625	2,992	2,530	2,611	2,551	3,151
<b>World Total</b>	207,001	214,708	235,024	236,210	227,194	227,394

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 Sep	2022/23 Oct
<b>Production</b>						
Argentina	58,798	57,940	60,010	61,155	64,911	64,711
Australia	11,508	12,003	18,560	18,757	16,669	16,669
Brazil	104,334	105,815	90,321	120,621	130,536	130,536
Canada	26,203	28,611	29,644	24,427	29,695	29,715
China	265,006	269,067	269,083	280,852	282,300	282,300
Ethiopia	17,929	18,406	19,095	17,200	18,200	18,200
European Union	140,703	152,817	155,458	154,407	139,405	137,805
India	43,212	47,660	51,387	51,206	50,500	49,800
Indonesia	12,000	12,000	12,600	12,700	12,900	12,900
Mexico	33,470	32,095	32,662	32,773	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	42,000	42,000
South Africa	12,417	16,367	17,814	16,857	17,873	17,873
Turkey	13,251	14,451	15,761	11,581	14,171	14,171
Ukraine	44,503	46,545	39,585	53,514	38,960	38,960
Others	187,167	184,600	194,032	190,044	185,410	185,049
<b>Subtotal</b>	<b>1,025,099</b>	<b>1,060,176</b>	<b>1,068,303</b>	<b>1,106,024</b>	<b>1,098,525</b>	<b>1,095,684</b>
<b>United States</b>	<b>377,905</b>	<b>359,434</b>	<b>372,887</b>	<b>397,710</b>	<b>365,094</b>	<b>364,111</b>
<b>World Total</b>	<b>1,403,004</b>	<b>1,419,610</b>	<b>1,441,190</b>	<b>1,503,734</b>	<b>1,463,619</b>	<b>1,459,795</b>
<b>Domestic Consumption</b>						
Argentina	17,791	17,575	17,020	17,690	17,766	17,766
Brazil	70,983	72,844	73,855	78,186	81,986	81,986
Canada	24,114	24,930	24,647	25,718	24,285	24,395
China	287,812	296,210	313,107	319,525	321,250	321,050
Egypt	17,186	17,979	17,265	17,581	17,268	17,268
Ethiopia	18,161	18,451	19,144	17,675	18,325	18,325
European Union	158,504	158,938	159,408	160,091	153,073	152,773
India	44,571	45,775	47,546	47,695	49,250	48,150
Iran	16,520	14,621	15,320	14,720	16,221	15,721
Japan	17,953	17,867	17,290	17,017	16,951	16,746
Mexico	50,505	50,310	49,835	50,765	51,260	51,360
Nigeria	19,829	20,689	20,955	21,172	21,400	21,400
Russia	27,367	31,387	31,042	31,109	31,900	31,900
Turkey	16,651	17,761	18,051	17,697	17,381	17,281
Ukraine	11,358	11,994	12,407	16,579	18,047	15,747
Others	284,668	290,445	303,226	292,326	296,151	296,087
<b>Subtotal</b>	<b>1,100,891</b>	<b>1,113,653</b>	<b>1,139,733</b>	<b>1,166,276</b>	<b>1,159,300</b>	<b>1,153,483</b>
<b>United States</b>	<b>322,984</b>	<b>320,685</b>	<b>315,967</b>	<b>326,150</b>	<b>313,313</b>	<b>313,421</b>
<b>World Total</b>	<b>1,423,875</b>	<b>1,434,338</b>	<b>1,455,700</b>	<b>1,492,426</b>	<b>1,472,613</b>	<b>1,466,904</b>
<b>Ending Stocks</b>						
Australia	2,427	3,005	2,980	3,434	2,530	3,330
Brazil	5,671	5,821	4,601	5,483	8,509	8,808
Canada	3,288	3,983	3,609	3,051	3,436	3,363
China	210,660	200,956	207,455	209,857	207,707	206,707
European Union	14,505	14,155	14,624	16,782	13,765	13,864
Mexico	5,784	4,138	3,604	3,866	4,019	3,970
Ukraine	2,043	2,550	1,654	5,656	12,739	10,939
Others	47,201	50,884	50,272	48,283	44,001	43,835
<b>Subtotal</b>	<b>291,579</b>	<b>285,492</b>	<b>288,799</b>	<b>296,412</b>	<b>296,706</b>	<b>294,816</b>
<b>United States</b>	<b>60,471</b>	<b>51,830</b>	<b>34,013</b>	<b>37,708</b>	<b>32,978</b>	<b>32,195</b>
<b>World Total</b>	<b>352,050</b>	<b>337,322</b>	<b>322,812</b>	<b>334,120</b>	<b>329,684</b>	<b>327,011</b>

## Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	22,610	22,540	21,702	27,437	22,663	23,263
Central America	4,352	4,904	4,739	5,550	5,300	5,300
Caribbean	2,379	2,275	2,399	2,244	2,573	2,573
South America	15,686	16,998	16,844	18,222	16,232	16,228
European Union	26,290	18,666	15,820	21,750	20,220	21,320
Former Soviet Union - 12	1,025	1,134	771	711	616	616
Middle East	34,087	34,026	32,549	33,136	33,201	32,701
North Africa	20,871	23,561	21,194	19,420	20,132	20,132
Sub-Saharan Africa	3,494	3,857	3,553	3,944	3,706	3,706
East Asia	43,904	51,829	83,826	74,158	68,645	68,340
Southeast Asia	17,880	19,968	20,201	17,677	21,020	20,520
Others	6,665	6,579	6,099	6,419	5,732	5,702
<b>Total</b>	<b>199,243</b>	<b>206,337</b>	<b>229,697</b>	<b>230,668</b>	<b>220,040</b>	<b>220,401</b>
<b>Production</b>						
North America	437,578	420,140	435,193	454,910	428,284	427,321
South America	178,754	178,266	164,876	198,303	211,696	211,496
European Union	140,703	152,817	155,458	154,407	139,405	137,805
Other Europe	18,625	20,815	21,796	18,227	17,995	17,545
Former Soviet Union - 12	93,534	101,456	94,724	105,173	93,391	93,566
Middle East	19,435	24,127	25,301	18,140	21,022	21,022
North Africa	13,260	11,240	9,767	12,834	11,349	11,349
Sub-Saharan Africa	123,553	123,744	133,252	127,694	129,200	129,200
East Asia	268,346	272,204	271,824	283,696	285,145	285,159
South Asia	57,684	64,124	69,562	70,752	68,734	68,034
Southeast Asia	34,879	33,540	35,780	35,719	35,730	35,630
Oceania	12,104	12,610	19,111	19,310	17,253	17,253
Others	4,549	4,527	4,546	4,569	4,415	4,415
<b>Total</b>	<b>1,403,004</b>	<b>1,419,610</b>	<b>1,441,190</b>	<b>1,503,734</b>	<b>1,463,619</b>	<b>1,459,795</b>
<b>Domestic Consumption</b>						
North America	397,603	395,925	390,449	402,633	388,858	389,176
South America	115,248	117,479	118,113	123,015	127,492	127,538
European Union	158,504	158,938	159,408	160,091	153,073	152,773
Other Europe	18,010	18,650	20,684	18,995	18,343	18,243
Former Soviet Union - 12	51,017	56,378	56,609	59,799	62,133	60,003
Middle East	55,042	56,200	55,679	52,971	53,807	53,357
North Africa	32,541	35,511	32,790	31,649	31,655	31,655
Sub-Saharan Africa	125,849	123,876	130,420	125,786	129,842	129,842
East Asia	324,394	333,535	349,451	355,487	357,024	356,719
South Asia	60,929	63,668	68,463	69,342	70,489	69,389
Southeast Asia	48,205	48,207	53,402	51,871	52,719	52,319
Oceania	8,139	8,310	8,791	7,933	8,113	8,083
Others	11,476	11,784	11,826	12,124	12,279	12,279
<b>Total</b>	<b>1,406,957</b>	<b>1,428,461</b>	<b>1,456,085</b>	<b>1,471,696</b>	<b>1,465,827</b>	<b>1,461,376</b>
<b>Ending Stocks</b>						
North America	69,543	59,951	41,226	44,625	40,433	39,528
South America	12,820	13,730	9,613	11,129	14,296	14,417
European Union	14,505	14,155	14,624	16,782	13,765	13,864
Other Europe	2,828	3,014	2,947	2,683	2,274	2,206
Former Soviet Union - 12	4,973	6,275	5,221	9,090	15,993	14,196
Middle East	5,563	6,445	6,285	5,186	4,919	4,942
North Africa	3,743	3,453	2,533	3,035	2,846	2,856
Sub-Saharan Africa	11,271	11,242	12,868	13,558	11,819	11,819
East Asia	215,242	205,707	211,898	214,215	211,831	210,945
South Asia	3,766	5,068	5,743	5,500	4,258	4,188
Southeast Asia	4,130	4,253	5,883	3,835	3,683	3,683
Oceania	2,516	3,098	3,084	3,539	2,630	3,430
Others	1,150	931	887	943	937	937
<b>Total</b>	<b>352,050</b>	<b>337,322</b>	<b>322,812</b>	<b>334,120</b>	<b>329,684</b>	<b>327,011</b>

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Argentina	32,879	39,917	36,544	39,500	41,000	41,000
Brazil	38,773	34,137	27,492	32,439	46,500	46,500
Burma	1,500	2,209	2,400	2,450	2,450	2,450
Canada	1,719	712	1,592	2,200	1,600	1,600
European Union	4,273	5,388	3,735	6,000	2,700	2,700
India	482	1,125	3,677	3,600	2,400	2,800
Paraguay	2,559	2,081	2,563	2,600	2,800	2,800
Russia	2,770	4,072	3,989	4,000	4,000	4,000
South Africa	1,183	2,456	2,751	3,750	3,700	3,700
Ukraine	30,321	28,929	23,864	27,000	13,000	15,500
Others	7,880	7,710	7,070	6,936	5,027	4,727
<b>Subtotal</b>	124,339	128,736	115,677	130,475	125,177	127,777
<b>United States</b>	49,297	47,035	68,293	63,000	59,500	57,000
<b>World Total</b>	173,636	175,771	183,970	193,475	184,677	184,777
<b>TY Imports</b>						
Algeria	4,816	5,156	4,186	3,200	4,300	4,300
Bangladesh	1,358	2,003	1,838	2,265	2,200	2,200
Brazil	1,189	1,346	2,281	3,320	1,300	1,300
Canada	2,521	1,867	1,550	6,100	1,500	1,500
Chile	2,292	2,751	2,333	2,400	2,400	2,400
China	4,483	7,580	29,512	22,000	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	1,400	1,550	1,550
Egypt	9,367	10,432	9,633	9,500	9,200	9,200
European Union	23,583	17,384	14,493	20,000	19,000	20,000
Guatemala	1,224	1,527	1,346	1,600	1,600	1,600
Iran	9,000	6,800	7,200	8,600	9,500	9,000
Israel	1,611	1,992	1,493	1,700	1,500	1,500
Japan	16,050	15,888	15,479	15,100	15,200	15,000
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	2,000	2,500	2,500
Peru	3,726	3,938	3,679	3,600	3,900	3,900
Saudi Arabia	3,670	4,511	3,017	4,000	4,000	4,000
Taiwan	4,508	4,580	4,386	4,600	4,400	4,500
Thailand	1,200	1,602	1,846	1,500	1,700	1,700
Turkey	3,669	3,004	1,794	3,550	3,000	3,000
United Kingdom	2,847	2,461	2,546	2,300	1,800	1,800
Vietnam	10,900	12,000	11,200	9,100	11,500	11,000
Others	17,674	19,492	17,689	18,724	18,969	18,939
<b>Subtotal</b>	167,188	168,792	179,171	185,359	178,019	177,889
<b>Unaccounted</b>	5,648	6,020	4,170	7,466	6,008	5,638
<b>United States</b>	800	959	629	650	650	1,250
<b>World Total</b>	173,636	175,771	183,970	193,475	184,677	184,777

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 Sep	2022/23 Oct
<b>Production</b>						
Argentina	51,000	51,000	52,000	51,500	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	14,500	14,500
China	257,174	260,779	260,670	272,552	274,000	274,000
Ethiopia	10,120	9,636	10,557	9,400	10,200	10,200
European Union	64,351	66,742	67,440	70,979	58,800	56,200
India	27,715	28,766	31,647	33,600	31,500	32,000
Indonesia	12,000	12,000	12,600	12,700	12,900	12,900
Mexico	27,671	26,658	27,346	26,750	27,600	27,600
Nigeria	11,000	12,700	12,400	12,745	12,500	12,500
Pakistan	6,826	7,883	8,940	10,635	8,900	8,900
Philippines	7,608	8,030	8,352	8,344	8,300	8,300
Russia	11,415	14,275	13,872	15,225	15,000	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	31,500	31,500
Others	115,085	111,190	117,248	121,569	114,388	113,887
<b>Subtotal</b>	764,479	776,794	770,883	834,409	818,388	815,787
<b>United States</b>	364,262	345,962	358,447	382,893	354,192	352,954
<b>World Total</b>	1,128,741	1,122,756	1,129,330	1,217,302	1,172,580	1,168,741
<b>Total Consumption</b>						
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	17,900	14,400	14,400
China	274,000	278,000	285,000	291,000	295,000	295,000
Egypt	16,200	16,900	16,400	16,700	16,400	16,400
European Union	85,000	79,000	77,700	82,900	77,400	76,100
India	28,500	27,200	27,850	29,800	30,000	30,100
Indonesia	12,900	12,600	13,300	13,800	14,100	14,100
Japan	16,000	15,950	15,450	15,150	15,200	15,000
Korea, South	10,947	11,795	11,780	11,550	11,550	11,550
Mexico	44,100	43,800	43,800	44,000	44,500	44,500
Nigeria	11,300	12,100	12,500	12,600	12,600	12,600
Russia	8,500	9,800	10,000	11,100	11,200	11,200
South Africa	12,536	12,200	13,220	13,300	13,300	13,300
Vietnam	14,200	14,550	16,450	15,250	15,000	14,800
Others	191,118	193,949	198,740	205,213	208,399	205,609
<b>Subtotal</b>	837,213	828,454	837,315	885,962	875,370	869,740
<b>United States</b>	310,391	309,504	306,686	317,115	304,814	304,813
<b>World Total</b>	1,147,604	1,137,958	1,144,001	1,203,077	1,180,184	1,174,553
<b>Ending Stocks</b>						
Brazil	5,311	5,328	4,153	4,953	7,953	8,253
Canada	1,979	2,560	2,169	2,122	2,203	2,122
China	210,179	200,526	205,704	209,236	207,216	206,216
European Union	7,644	7,382	7,880	9,959	7,359	7,359
Mexico	5,160	3,515	3,079	3,079	3,279	3,279
South Africa	1,020	2,117	2,124	1,924	2,224	2,224
Ukraine	891	1,478	832	4,573	11,373	9,873
Others	34,060	35,789	35,482	36,185	31,970	32,095
<b>Subtotal</b>	266,244	258,695	261,423	272,031	273,577	271,421
<b>United States</b>	56,410	48,757	31,358	34,975	30,954	29,773
<b>World Total</b>	322,654	307,452	292,781	307,006	304,531	301,194

## Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	19,979	19,352	18,677	24,250	19,850	20,450
Central America	4,352	4,904	4,739	5,550	5,300	5,300
South America	14,349	15,696	15,639	16,840	15,020	15,020
European Union	23,583	17,384	14,493	20,000	19,000	20,000
Former Soviet Union - 12	588	564	323	377	300	300
Middle East	22,150	21,028	17,891	21,700	22,310	21,810
North Africa	18,531	20,306	17,839	16,300	17,600	17,600
Sub-Saharan Africa	2,793	3,110	2,868	3,235	3,023	3,023
East Asia	35,961	40,008	61,124	53,250	49,145	49,045
Southeast Asia	17,483	19,007	18,162	16,342	19,265	18,765
Caribbean	2,377	2,275	2,396	2,240	2,570	2,570
Others	5,842	6,117	5,649	5,925	5,286	5,256
<b>Total</b>	<b>167,988</b>	<b>169,751</b>	<b>179,800</b>	<b>186,009</b>	<b>178,669</b>	<b>179,139</b>
<b>Production</b>						
North America	405,818	386,024	399,356	423,627	396,292	395,054
South America	164,749	164,604	149,895	180,458	193,570	193,570
European Union	64,351	66,742	67,440	70,979	58,800	56,200
Other Europe	9,411	9,470	10,316	7,681	7,535	7,085
Former Soviet Union - 12	53,119	56,120	48,974	63,659	51,730	51,775
Middle East	7,319	7,945	9,060	8,469	8,124	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	83,758	83,758
East Asia	260,184	263,488	263,041	275,016	276,468	276,472
South Asia	41,178	44,032	48,782	52,218	48,573	49,073
Central America	3,441	3,516	3,545	3,616	3,496	3,496
Southeast Asia	34,589	33,250	35,490	35,429	35,440	35,340
Others	1,233	1,118	1,144	1,257	1,238	1,238
<b>Total</b>	<b>1,128,741</b>	<b>1,122,756</b>	<b>1,129,330</b>	<b>1,217,302</b>	<b>1,172,580</b>	<b>1,168,741</b>
<b>Domestic Consumption</b>						
North America	369,579	367,262	364,462	379,015	363,714	363,713
South America	103,926	105,552	106,689	109,900	114,700	114,700
European Union	85,000	79,000	77,700	82,900	77,400	76,100
Other Europe	9,262	9,249	10,063	9,062	8,514	8,414
Former Soviet Union - 12	20,312	22,005	22,290	27,798	29,295	27,335
Middle East	28,887	28,149	26,600	29,780	30,318	29,718
North Africa	24,600	27,190	25,730	23,400	24,800	24,800
Sub-Saharan Africa	78,661	79,026	82,823	84,192	84,162	84,162
East Asia	308,273	313,031	319,169	324,750	328,695	328,595
South Asia	43,774	43,871	47,707	50,508	50,065	50,165
Southeast Asia	47,519	46,966	51,147	50,355	50,575	50,175
Central America	7,990	8,370	8,480	8,885	8,840	8,840
Others	3,797	3,635	3,492	3,533	3,785	3,755
<b>Total</b>	<b>1,131,580</b>	<b>1,133,306</b>	<b>1,146,352</b>	<b>1,184,078</b>	<b>1,174,863</b>	<b>1,170,472</b>
<b>Ending Stocks</b>						
North America	63,549	54,832	36,606	40,176	36,436	35,174
South America	10,897	11,834	7,784	9,360	12,369	12,669
European Union	7,644	7,382	7,880	9,959	7,359	7,359
Other Europe	1,433	1,318	1,538	1,354	942	960
Former Soviet Union - 12	2,200	3,261	2,212	6,398	12,847	11,352
Middle East	2,913	3,178	3,101	2,999	2,929	2,955
North Africa	2,475	2,382	1,826	1,998	2,307	2,349
Sub-Saharan Africa	8,729	9,303	10,705	12,132	10,118	10,118
East Asia	214,436	204,897	209,889	213,385	211,183	210,287
South Asia	3,026	3,827	4,397	4,394	3,352	3,282
Southeast Asia	4,119	4,244	5,877	3,829	3,677	3,677
Central America	903	797	702	803	744	744
Others	330	197	264	219	268	268
<b>Total</b>	<b>322,654</b>	<b>307,452</b>	<b>292,781</b>	<b>307,006</b>	<b>304,531</b>	<b>301,194</b>

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Argentina	3,001	2,598	2,458	3,700	3,700	3,500
Australia	3,666	3,231	8,007	8,200	6,700	6,700
Canada	2,269	2,520	3,520	1,900	3,000	3,000
European Union	5,809	7,579	8,558	6,100	6,300	6,300
Kazakhstan	1,762	1,292	1,028	450	600	600
Russia	4,320	5,141	5,691	3,100	6,000	6,000
Serbia	67	77	131	130	150	150
Ukraine	4,407	4,990	5,053	2,700	1,800	2,400
United Kingdom	1,406	1,397	1,280	800	850	850
Uruguay	62	41	185	325	250	250
Others	265	457	1,111	487	216	216
<b>Subtotal</b>	27,034	29,323	37,022	27,892	29,566	29,966
<b>United States</b>	101	155	349	75	150	150
<b>World Total</b>	27,135	29,478	37,371	27,967	29,716	30,116
<b>TY Imports</b>						
Algeria	467	503	780	750	500	500
Brazil	608	647	398	734	500	500
China	5,181	5,969	12,049	8,300	9,500	9,500
European Union	1,762	1,080	1,150	1,150	1,000	1,100
Iran	3,200	2,300	3,700	1,500	2,500	2,500
Israel	247	360	463	300	350	350
Japan	1,158	1,253	1,132	1,250	1,200	1,200
Jordan	944	567	658	1,000	800	800
Kuwait	434	500	507	500	450	450
Libya	884	895	1,043	700	750	750
Mexico	82	346	499	450	500	500
Morocco	299	1,073	456	850	500	500
Philippines	6	8	195	600	500	500
Qatar	288	349	358	300	400	400
Saudi Arabia	5,700	7,300	6,100	4,800	4,700	4,700
Thailand	206	685	1,043	90	500	500
Tunisia	487	751	1,038	800	750	750
Turkey	375	1,007	1,634	2,100	800	800
United Arab Emirates	352	434	453	350	450	450
Vietnam	133	198	747	600	700	700
Others	2,222	1,626	2,384	2,102	1,625	1,625
<b>Subtotal</b>	25,035	27,851	36,787	29,226	28,975	29,075
<b>Unaccounted</b>	1,967	1,470	447	-1,659	541	741
<b>United States</b>	133	157	137	400	200	300
<b>World Total</b>	27,135	29,478	37,371	27,967	29,716	30,116

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 Sep	2022/23 Oct
<b>Production</b>						
Algeria	1,957	1,648	1,213	950	1,600	1,600
Argentina	4,635	3,615	4,035	5,300	5,300	5,100
Australia	8,819	10,127	14,649	13,906	12,200	12,200
Azerbaijan	942	1,016	1,020	1,147	950	1,100
Canada	8,380	10,383	10,741	6,959	9,900	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	50,100	51,100
India	1,781	1,633	1,720	1,656	1,400	1,400
Iran	2,800	3,600	3,600	2,700	3,000	3,000
Kazakhstan	3,971	3,830	3,659	2,367	2,700	2,700
Russia	16,737	19,939	20,629	17,505	21,000	21,000
Turkey	7,000	7,900	8,100	4,500	7,400	7,400
Ukraine	7,604	9,528	7,947	9,923	6,400	6,400
United Kingdom	6,510	8,048	8,117	6,961	7,050	7,050
Others	11,904	13,777	13,231	12,672	10,886	10,876
<b>Subtotal</b>	136,280	154,613	157,192	142,942	144,286	145,226
<b>United States</b>	3,343	3,756	3,719	2,615	3,437	3,796
<b>World Total</b>	139,623	158,369	160,911	145,557	147,723	149,022
<b>Total Consumption</b>						
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	5,500	5,500
Canada	6,508	8,108	7,747	5,483	6,900	6,900
China	7,000	8,000	13,000	11,400	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	45,450	44,900	45,900
Iran	6,200	6,400	6,900	4,700	5,500	5,500
Kazakhstan	2,150	2,400	2,550	2,300	2,200	2,200
Morocco	2,900	2,500	1,160	3,070	1,820	1,820
Russia	12,200	15,400	14,400	14,300	14,900	14,900
Saudi Arabia	7,025	7,025	7,025	4,525	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	4,200	3,900
United Kingdom	5,702	6,062	7,215	6,380	6,321	6,321
Others	19,570	22,220	23,670	22,460	21,692	21,972
<b>Subtotal</b>	137,356	152,896	158,084	144,724	144,765	145,786
<b>United States</b>	3,537	3,922	3,753	3,410	3,376	3,485
<b>World Total</b>	140,893	156,818	161,837	148,134	148,141	149,271
<b>Ending Stocks</b>						
Australia	1,908	2,711	2,518	2,724	1,924	2,724
Canada	863	957	711	504	534	534
European Union	5,457	5,205	5,010	5,263	5,163	5,263
Russia	640	743	757	712	862	862
Saudi Arabia	1,327	1,016	1,002	988	775	775
Ukraine	1,008	953	661	880	1,280	980
United Kingdom	1,091	1,357	1,058	964	1,020	943
Others	5,984	7,024	7,515	5,257	4,668	4,498
<b>Subtotal</b>	18,278	19,966	19,232	17,292	16,226	16,579
<b>United States</b>	1,884	1,747	1,555	918	1,023	1,382
<b>World Total</b>	20,162	21,713	20,787	18,210	17,249	17,961

## Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	253	589	937	1,075	730	830
South America	1,179	1,168	927	1,282	955	955
European Union	1,762	1,080	1,150	1,150	1,000	1,100
Other Europe	240	168	191	192	168	168
Former Soviet Union - 12	395	464	425	322	304	304
Middle East	11,877	12,932	14,600	11,325	10,850	10,850
North Africa	2,338	3,229	3,337	3,110	2,510	2,510
Sub-Saharan Africa	28	67	19	110	70	70
East Asia	6,441	7,324	13,273	9,663	10,795	10,795
South Asia	296	89	34	57	68	68
Oceania	14	7	46	50	25	25
<b>Total</b>	<b>25,168</b>	<b>28,008</b>	<b>36,924</b>	<b>29,626</b>	<b>29,175</b>	<b>29,375</b>
<b>Production</b>						
North America	12,719	15,149	15,365	10,664	14,297	14,656
South America	6,133	5,135	5,741	7,053	7,124	6,924
European Union	49,470	55,180	54,234	52,046	50,100	51,100
Other Europe	7,762	9,471	9,659	8,535	8,594	8,594
Former Soviet Union - 12	31,225	36,462	35,702	32,827	33,175	33,305
Middle East	11,069	15,194	15,246	8,648	11,879	11,879
North Africa	5,394	3,929	2,526	4,368	2,928	2,928
Sub-Saharan Africa	2,369	2,929	3,004	2,869	2,970	2,970
East Asia	2,347	2,435	2,402	2,376	2,373	2,383
South Asia	1,936	1,974	2,045	1,941	1,728	1,728
Oceania	9,199	10,511	14,987	14,230	12,555	12,555
<b>Total</b>	<b>139,623</b>	<b>158,369</b>	<b>160,911</b>	<b>145,557</b>	<b>147,723</b>	<b>149,022</b>
<b>Domestic Consumption</b>						
North America	11,095	13,330	12,800	10,393	11,776	11,885
South America	3,716	3,898	4,217	4,407	4,137	4,137
European Union	45,600	49,500	48,250	45,450	44,900	45,900
Other Europe	7,068	7,481	8,745	7,923	7,814	7,814
Former Soviet Union - 12	21,759	25,745	24,662	23,678	24,494	24,324
Middle East	25,045	26,991	28,026	22,093	22,419	22,569
North Africa	6,996	7,419	6,205	7,331	5,968	5,968
Sub-Saharan Africa	2,360	2,913	2,982	2,961	3,010	3,010
East Asia	8,645	9,740	14,702	13,188	13,320	13,320
South Asia	2,103	2,214	2,240	1,996	1,791	1,791
Oceania	5,385	6,390	6,900	5,850	5,880	5,880
<b>Total</b>	<b>140,117</b>	<b>156,512</b>	<b>161,635</b>	<b>146,453</b>	<b>147,309</b>	<b>148,398</b>
<b>Ending Stocks</b>						
North America	3,109	3,166	2,676	1,902	1,997	2,356
South America	1,039	1,022	966	813	955	805
European Union	5,457	5,205	5,010	5,263	5,163	5,263
Other Europe	1,228	1,538	1,215	1,125	1,162	1,083
Former Soviet Union - 12	2,307	2,457	2,325	2,159	2,655	2,353
Middle East	2,620	3,247	3,164	2,138	1,951	1,948
North Africa	1,221	1,044	702	1,031	524	501
Sub-Saharan Africa	348	404	432	416	431	431
East Asia	612	631	1,604	455	303	313
South Asia	264	235	127	127	127	127
Oceania	1,946	2,755	2,560	2,775	1,975	2,775
<b>Total</b>	<b>20,162</b>	<b>21,713</b>	<b>20,787</b>	<b>18,210</b>	<b>17,249</b>	<b>17,961</b>

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Argentina	254	426	1,973	1,900	2,300	2,300
Australia	91	102	1,235	2,150	2,100	2,100
Bolivia	18	8	30	5	25	25
China	49	29	4	30	30	30
India	53	31	56	40	50	50
Kenya	53	31	80	60	60	60
Nigeria	100	50	50	50	50	50
Others	306	305	198	200	107	107
<b>Subtotal</b>	924	982	3,626	4,435	4,722	4,722
<b>United States</b>	2,410	5,404	6,926	7,300	5,000	4,800
<b>World Total</b>	3,334	6,386	10,552	11,735	9,722	9,522
<b>TY Imports</b>						
China	652	3,709	8,669	10,500	8,000	7,800
Eritrea	60	35	60	70	70	70
Ethiopia	6	61	5	5	50	50
European Union	666	89	13	170	100	100
Japan	449	426	299	270	200	200
Kenya	109	52	181	120	150	150
Mexico	546	567	133	350	200	200
Somalia	85	80	50	50	50	50
South Sudan	26	81	71	50	50	50
Sudan	160	150	125	100	50	50
Others	488	378	350	372	342	338
<b>Subtotal</b>	3,247	5,628	9,956	12,057	9,262	9,058
<b>Unaccounted</b>	86	757	595	-323	459	463
<b>United States</b>	1	1	1	1	1	1
<b>World Total</b>	3,334	6,386	10,552	11,735	9,722	9,522

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 Sep	2022/23 Oct
<b>Production</b>						
Argentina	2,500	2,500	3,320	3,400	3,800	3,800
Australia	1,160	397	1,639	2,733	2,600	2,600
Bolivia	949	1,019	1,481	1,375	1,400	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	4,250	4,400	4,400
Mali	1,470	1,511	1,823	1,239	1,500	1,500
Mexico	4,700	4,328	4,348	4,840	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	7,198	6,976	6,976
<b>Subtotal</b>	50,092	49,046	52,967	50,729	53,916	53,916
<b>United States</b>	9,271	8,673	9,474	11,375	6,404	6,212
<b>World Total</b>	59,363	57,719	62,441	62,104	60,320	60,128
<b>Total Consumption</b>						
Argentina	2,150	2,050	1,150	1,350	1,350	1,350
Bolivia	980	980	1,400	1,350	1,350	1,400
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	11,000	10,800
Ethiopia	5,000	5,300	5,200	4,650	4,600	4,600
India	3,550	4,500	4,550	4,450	4,450	4,450
Mali	1,470	1,500	1,700	1,400	1,500	1,500
Mexico	5,100	5,000	4,500	5,000	5,000	5,100
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	9,458	7,679	7,607	7,518	7,457	7,453
<b>Subtotal</b>	52,344	54,990	59,746	58,549	58,699	58,595
<b>United States</b>	6,212	4,365	2,638	3,063	2,286	2,286
<b>World Total</b>	58,556	59,355	62,384	61,612	60,985	60,881
<b>Ending Stocks</b>						
Australia	287	154	20	343	333	333
Brazil	194	293	266	312	333	332
China	17	34	269	239	209	209
India	153	394	599	359	259	259
Mexico	259	153	102	291	290	240
Nigeria	152	117	107	132	282	282
Sudan	631	110	280	175	270	270
Others	2,181	1,836	1,753	1,201	1,183	1,146
<b>Subtotal</b>	3,874	3,091	3,396	3,052	3,159	3,071
<b>United States</b>	1,617	764	516	1,352	517	580
<b>World Total</b>	5,491	3,855	3,912	4,404	3,676	3,651

## Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	547	568	134	351	201	201
South America	80	45	37	30	33	29
European Union	666	89	13	170	100	100
Other Europe	22	25	23	20	25	25
Middle East	43	59	40	54	31	31
North Africa	0	2	0	2	2	2
Sub-Saharan Africa	650	618	645	579	583	583
East Asia	1,175	4,180	9,030	10,823	8,255	8,055
Southeast Asia	36	41	28	25	30	30
Others	29	2	7	4	3	3
<b>Total</b>	<b>3,248</b>	<b>5,629</b>	<b>9,957</b>	<b>12,058</b>	<b>9,263</b>	<b>9,059</b>
<b>Production</b>						
North America	13,971	13,001	13,822	16,215	11,254	11,062
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	8,388	8,388
European Union	781	1,012	1,001	823	725	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	28,230	28,230
East Asia	2,911	3,139	2,972	3,002	3,002	3,002
South Asia	3,629	4,892	4,908	4,314	4,535	4,535
Southeast Asia	50	50	50	50	50	50
Oceania	1,160	397	1,639	2,733	2,600	2,600
Others	194	192	107	173	100	100
<b>Total</b>	<b>59,363</b>	<b>57,719</b>	<b>62,441</b>	<b>62,104</b>	<b>60,320</b>	<b>60,128</b>
<b>Domestic Consumption</b>						
North America	11,312	9,365	7,138	8,063	7,286	7,386
Central America	291	286	280	257	200	200
Caribbean	108	71	79	74	79	79
South America	5,644	5,687	4,909	5,913	5,868	5,914
European Union	1,554	1,128	1,033	971	813	813
Middle East	486	445	431	454	432	432
North Africa	803	784	754	755	756	756
Sub-Saharan Africa	29,145	28,348	29,558	26,399	28,388	28,388
East Asia	4,156	7,257	11,774	13,825	11,257	11,057
South Asia	3,726	4,621	4,651	4,514	4,585	4,585
Southeast Asia	85	81	83	73	79	79
Oceania	1,050	280	95	260	510	510
Others	120	93	95	103	120	120
<b>Total</b>	<b>58,480</b>	<b>58,446</b>	<b>60,880</b>	<b>61,661</b>	<b>60,373</b>	<b>60,319</b>
<b>Ending Stocks</b>						
North America	1,876	917	618	1,643	807	820
Central America	9	9	6	4	9	9
South America	740	683	634	750	727	698
European Union	101	54	21	18	20	20
Middle East	0	0	0	0	0	0
North Africa	46	24	5	6	15	6
Sub-Saharan Africa	2,179	1,510	1,697	981	1,251	1,251
East Asia	38	71	295	265	235	235
South Asia	153	394	599	359	259	259
Oceania	287	154	20	343	333	333
Others	62	39	17	35	20	20
<b>Total</b>	<b>5,491</b>	<b>3,855</b>	<b>3,912</b>	<b>4,404</b>	<b>3,676</b>	<b>3,651</b>

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Australia	250	245	391	600	500	500
Brazil	6	3	1	7	5	5
Canada	1,665	1,899	1,961	1,250	1,900	1,800
Chile	36	6	3	60	5	5
European Union	119	235	145	200	110	110
Russia	134	73	90	150	100	100
United Kingdom	49	110	31	150	50	50
Others	43	29	27	16	14	14
<b>Subtotal</b>	2,302	2,600	2,649	2,433	2,684	2,584
<b>United States</b>	26	32	51	35	30	30
<b>World Total</b>	2,328	2,632	2,700	2,468	2,714	2,614
<b>TY Imports</b>						
Algeria	1	13	11	7	10	10
Chile	14	28	169	15	150	150
China	224	222	301	325	350	350
Ecuador	16	12	26	5	20	20
European Union	58	113	33	200	40	40
India	21	25	46	45	50	50
Japan	46	47	48	50	50	50
Korea, South	31	25	24	27	25	25
Malaysia	16	29	26	20	25	25
Mexico	129	137	171	175	170	170
Norway	93	45	15	35	15	15
Peru	41	45	44	40	50	50
South Africa	23	62	21	20	30	30
Switzerland	51	56	49	52	50	50
United Kingdom	28	23	18	18	25	25
Others	54	44	41	53	32	32
<b>Subtotal</b>	846	926	1,043	1,087	1,092	1,092
<b>Unaccounted</b>	85	115	84	81	122	122
<b>United States</b>	1,397	1,591	1,573	1,300	1,500	1,400
<b>World Total</b>	2,328	2,632	2,700	2,468	2,714	2,614

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 Sep	2022/23 Oct
<b>Production</b>						
Algeria	118	101	69	105	105	105
Argentina	572	600	510	725	645	645
Australia	1,135	1,143	1,898	1,619	1,400	1,400
Belarus	342	368	445	350	375	375
Brazil	795	879	853	1,143	1,155	1,155
Canada	3,436	4,227	4,576	2,808	4,600	4,600
Chile	385	477	525	578	550	550
China	560	600	600	600	600	600
European Union	6,940	6,965	8,473	7,528	7,600	7,600
Kazakhstan	336	267	240	182	225	225
Norway	144	300	300	300	300	300
Russia	4,715	4,420	4,127	3,733	3,800	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	445	387	387
<b>Subtotal</b>	<b>21,390</b>	<b>22,441</b>	<b>24,769</b>	<b>21,967</b>	<b>23,442</b>	<b>23,442</b>
<b>United States</b>	<b>815</b>	<b>773</b>	<b>954</b>	<b>578</b>	<b>763</b>	<b>837</b>
<b>World Total</b>	<b>22,205</b>	<b>23,214</b>	<b>25,723</b>	<b>22,545</b>	<b>24,205</b>	<b>24,279</b>
<b>Total Consumption</b>						
Argentina	550	600	525	710	650	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	1,844	2,400	2,500
Chile	390	520	615	590	675	675
China	870	870	900	925	950	950
European Union	7,000	6,900	8,175	7,650	7,560	7,560
Kazakhstan	315	250	235	205	200	200
Mexico	255	210	235	265	260	260
Norway	250	345	320	322	335	335
Russia	4,700	4,200	4,050	3,650	3,700	3,700
Turkey	230	240	240	238	250	250
Ukraine	450	420	475	465	425	425
United Kingdom	867	984	969	1,007	1,065	1,065
Others	685	666	693	746	746	746
<b>Subtotal</b>	<b>20,712</b>	<b>20,827</b>	<b>22,496</b>	<b>21,296</b>	<b>21,766</b>	<b>21,852</b>
<b>United States</b>	<b>2,326</b>	<b>2,344</b>	<b>2,362</b>	<b>2,040</b>	<b>2,291</b>	<b>2,278</b>
<b>World Total</b>	<b>23,038</b>	<b>23,171</b>	<b>24,858</b>	<b>23,336</b>	<b>24,057</b>	<b>24,130</b>
<b>Ending Stocks</b>						
Australia	191	114	416	335	235	235
Brazil	37	68	75	86	111	111
Canada	397	426	657	316	628	626
China	155	107	108	108	108	108
European Union	371	332	540	360	331	330
Russia	60	195	188	122	123	123
United Kingdom	116	106	147	157	124	117
Others	310	347	411	372	359	360
<b>Subtotal</b>	<b>1,637</b>	<b>1,695</b>	<b>2,542</b>	<b>1,856</b>	<b>2,019</b>	<b>2,010</b>
<b>United States</b>	<b>549</b>	<b>534</b>	<b>552</b>	<b>447</b>	<b>467</b>	<b>442</b>
<b>World Total</b>	<b>2,186</b>	<b>2,229</b>	<b>3,094</b>	<b>2,303</b>	<b>2,486</b>	<b>2,452</b>

## Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	1,535	1,744	1,763	1,500	1,680	1,580
South America	78	89	241	70	224	224
European Union	58	113	33	200	40	40
Other Europe	178	131	89	109	95	95
Former Soviet Union - 12	31	6	6	6	3	3
Middle East	0	0	0	7	0	0
North Africa	2	24	18	8	20	20
Sub-Saharan Africa	23	62	21	20	30	30
East Asia	301	294	373	402	425	425
South Asia	21	25	46	45	50	50
Southeast Asia	16	29	26	20	25	25
Oceania	0	0	0	0	0	0
<b>Total</b>	<b>2,243</b>	<b>2,517</b>	<b>2,616</b>	<b>2,387</b>	<b>2,592</b>	<b>2,492</b>
<b>Production</b>						
North America	4,354	5,099	5,593	3,479	5,448	5,522
South America	1,831	2,017	1,949	2,507	2,417	2,417
European Union	6,940	6,965	8,473	7,528	7,600	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	4,806	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	1,648	1,429	1,429
<b>Total</b>	<b>22,205</b>	<b>23,214</b>	<b>25,723</b>	<b>22,545</b>	<b>24,205</b>	<b>24,279</b>
<b>Domestic Consumption</b>						
North America	4,664	4,973	4,937	4,149	4,951	5,038
South America	1,843	2,088	2,123	2,534	2,590	2,590
European Union	7,000	6,900	8,175	7,650	7,560	7,560
Other Europe	1,316	1,527	1,499	1,527	1,598	1,598
Former Soviet Union - 12	5,846	5,247	5,208	4,679	4,707	4,707
Middle East	230	240	240	238	250	250
North Africa	142	118	101	163	131	131
Sub-Saharan Africa	65	69	69	95	90	90
East Asia	951	943	972	1,003	1,026	1,026
South Asia	21	25	46	45	50	50
Southeast Asia	16	29	26	20	25	25
Oceania	927	994	1,223	1,129	1,029	1,029
<b>Total</b>	<b>23,021</b>	<b>23,153</b>	<b>24,619</b>	<b>23,232</b>	<b>24,007</b>	<b>24,094</b>
<b>Ending Stocks</b>						
North America	949	968	1,222	779	1,105	1,079
South America	144	191	229	206	245	245
European Union	371	332	540	360	331	330
Other Europe	167	158	194	204	170	163
Former Soviet Union - 12	177	322	341	253	244	244
Middle East	16	6	6	25	25	25
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	338	238	238
<b>Total</b>	<b>2,186</b>	<b>2,229</b>	<b>3,094</b>	<b>2,303</b>	<b>2,486</b>	<b>2,452</b>

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 Sep	2022/23 Oct
<b>TY Exports</b>						
Belarus	0	0	22	5	5	5
Canada	152	147	148	150	150	150
European Union	191	274	95	150	150	150
Russia	178	6	101	125	50	50
Ukraine	42	8	58	125	5	5
Others	1	0	3	6	0	0
<b>Subtotal</b>	564	435	427	561	360	360
<b>United States</b>	4	6	4	4	5	5
<b>World Total</b>	568	441	431	565	365	365
<b>TY Imports</b>						
Belarus	9	3	3	3	3	3
European Union	221	0	131	230	80	80
Israel	17	7	18	10	10	10
Japan	23	19	22	16	20	15
Kazakhstan	0	2	11	2	5	5
Korea, South	3	4	4	4	5	5
Norway	19	10	10	5	10	10
Others	10	103	11	58	8	8
<b>Subtotal</b>	302	148	210	328	141	136
<b>Unaccounted</b>	-28	9	31	-23	24	29
<b>United States</b>	294	284	190	260	200	200
<b>World Total</b>	568	441	431	565	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 Sep	2022/23 Oct
<b>Production</b>						
Argentina	87	220	135	225	160	160
Belarus	503	756	1,051	800	750	750
Canada	236	333	488	473	450	470
European Union	6,173	8,395	8,968	7,948	7,680	7,680
Russia	1,914	1,424	2,376	1,716	1,900	1,900
Turkey	320	320	320	330	320	320
Ukraine	396	339	459	600	285	285
Others	157	200	209	203	194	194
<b>Subtotal</b>	9,786	11,987	14,006	12,295	11,739	11,759
<b>United States</b>	214	270	293	249	298	312
<b>World Total</b>	10,000	12,257	14,299	12,544	12,037	12,071
<b>Total Consumption</b>						
Argentina	87	220	135	225	160	160
Australia	31	32	32	32	32	32
Belarus	550	750	1,050	790	740	740
Canada	169	181	308	288	340	350
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	1,800	1,800
Turkey	320	320	320	358	330	330
Ukraine	332	332	402	415	352	352
Others	142	130	145	122	126	121
<b>Subtotal</b>	9,818	11,653	13,456	12,126	11,846	11,856
<b>United States</b>	518	550	528	522	546	559
<b>World Total</b>	10,336	12,203	13,984	12,648	12,392	12,415
<b>Ending Stocks</b>						
Belarus	35	44	31	34	37	37
Canada	49	40	72	109	71	81
European Union	513	590	739	685	395	395
Kazakhstan	4	0	4	4	4	4
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
<b>Subtotal</b>	804	841	1,152	1,064	708	718
<b>United States</b>	11	28	32	16	17	18
<b>World Total</b>	815	869	1,184	1,080	725	736

## Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Sep 2022/23	Oct 2022/23
<b>TY Imports</b>						
North America	296	287	191	261	202	202
South America	0	0	0	0	0	0
European Union	221	0	131	230	80	80
Other Europe	25	15	17	21	15	15
Former Soviet Union - 12	11	100	17	6	9	9
Middle East	17	7	18	50	10	10
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	26	23	26	20	25	20
Oceania	0	0	0	0	0	0
<b>Total</b>	<b>596</b>	<b>432</b>	<b>400</b>	<b>588</b>	<b>341</b>	<b>336</b>
<b>Production</b>						
North America	450	603	781	722	748	782
South America	100	234	150	241	176	176
European Union	6,173	8,395	8,968	7,948	7,680	7,680
Other Europe	87	128	129	112	113	113
Former Soviet Union - 12	2,836	2,542	3,916	3,156	2,965	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
<b>Total</b>	<b>10,000</b>	<b>12,257</b>	<b>14,299</b>	<b>12,544</b>	<b>12,037</b>	<b>12,071</b>
<b>Domestic Consumption</b>						
North America	687	731	836	810	886	909
South America	100	234	150	241	176	176
European Union	6,350	8,060	8,750	8,100	7,900	7,900
Other Europe	110	142	141	129	132	132
Former Soviet Union - 12	2,667	2,659	3,687	2,950	2,927	2,927
Middle East	337	327	338	368	340	340
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	26	23	26	20	25	20
Oceania	31	32	32	32	32	32
<b>Total</b>	<b>10,311</b>	<b>12,211</b>	<b>13,963</b>	<b>12,653</b>	<b>12,421</b>	<b>12,439</b>
<b>Ending Stocks</b>						
North America	60	68	104	125	88	99
South America	0	0	0	0	0	0
European Union	513	590	739	685	395	395
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	227	196	326	245	227	227
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
<b>Total</b>	<b>815</b>	<b>869</b>	<b>1,184</b>	<b>1,080</b>	<b>725</b>	<b>736</b>

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