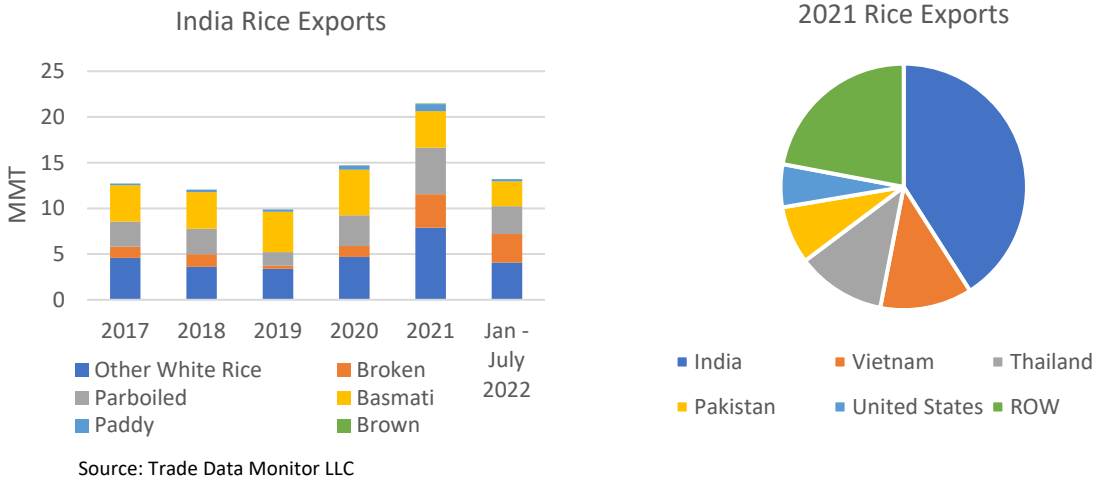


Grain: World Markets and Trade

India Imposes Export Restrictions on Certain Types of Rice



India, the largest rice exporter, implemented policies on September 9 to restrict its exports. The government imposed a ban on exports of 100 percent broken rice (HS 100640) and also is applying a 20 percent tariff on paddy (100610), brown (100620), and white rice that is neither basmati nor parboiled rice (10063090).¹ This is the first restriction that India has placed on its exports since it lifted its 3-year ban on non-basmati rice in 2011. Since that time, India has become the primary rice exporter, expanding its domination so that in 2021, India accounted for 41 percent of total global exports, larger than the next 4 exporters (Thailand, Vietnam, Pakistan, and the United States) combined.

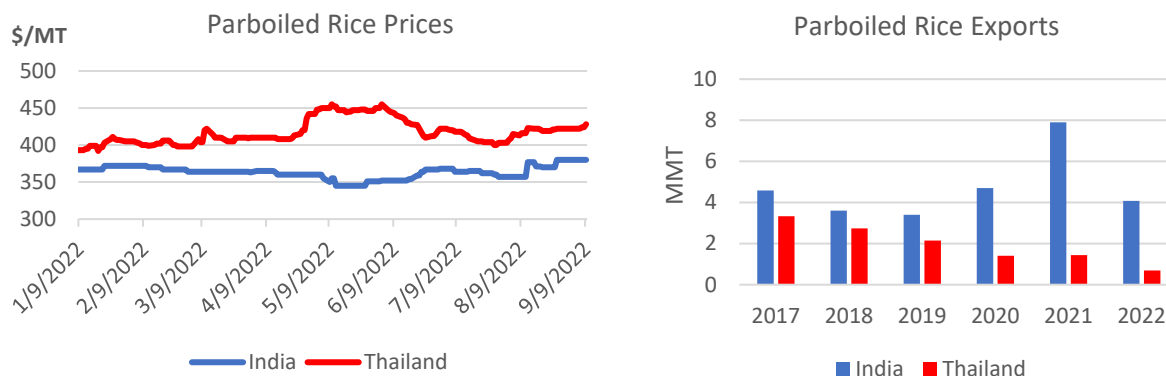
India supplies more than half of global broken rice exports, which are discussed in further detail on page 10. As a result of this ban, the forecast for total rice export has been cut to 20.3 million tons for 2022 and 20.0 million tons for 2023.

India's exports of paddy rice, brown rice, non-basmati, non-parboiled regular white rice (HS 10063090) are now taxed at 20 percent. The largest of these categories is non-basmati, non-parboiled white rice, which it supplies mainly to Africa and neighboring countries. Especially over the past couple of years, Indian prices have been at a significant discount compared to the other major exporters, making it an attractive option for low-income importing countries. As shown in the graph below, the 20 percent export tariff applied to the export quote for September 9 results in a price above most Asian exporters except for Thailand. The export tax was implemented with less than a day's notice, leaving exporters scrambling.

India exports a variety of types of rice and this ban notably excludes basmati and parboiled rice. Basmati rice is a type of fragrant rice that commands a premium and is primarily exported to the Middle East, Europe, and North America. India's basmati rice exports have averaged around 4.3 million tons annually. India is the primary exporter with Pakistan as the main competitor. Parboiled rice is produced by steaming regular paddy rice under pressure and then milling it, resulting in different cooking characteristics favored among some parts of India, Bangladesh, parts of Africa, and Saudi Arabia. Since paddy rice can either be processed into regular white rice or parboiled rice, the new policy may

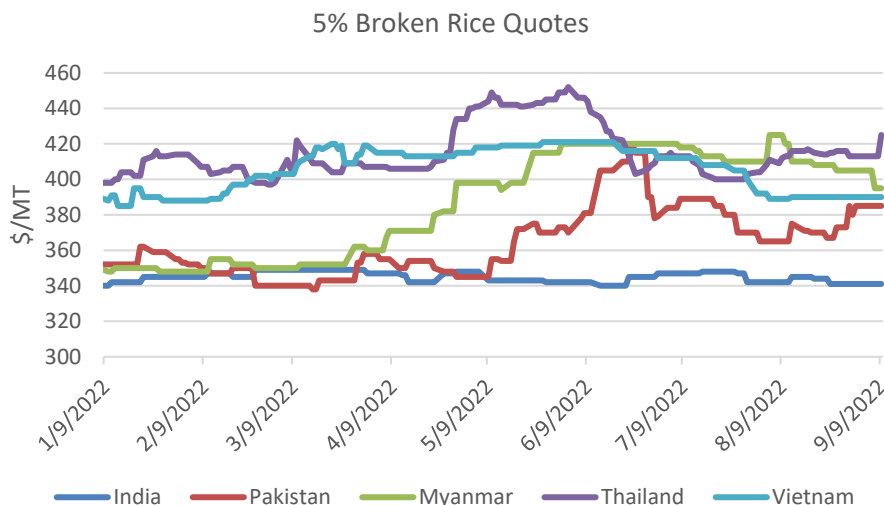
¹ See <https://taxinformation.cbic.gov.in/view-pdf/1009497/ENG/Notifications>

encourage more shipments of parboiled, since it will not be taxed. However, over the past several years, India has seized an increasing share of global parboiled exports, shipping 4.1 million tons in the first 7 months of 2022, compared to 0.7 million tons from Thailand for the same period.



Source: Trade Data Monitor LLC

Neighboring countries may be particularly affected by this action. Bangladesh has high domestic prices and has recently lowered its import tariff to 5 percent to make imports more affordable. Historically India has been its primary supplier. Fortunately, in the past couple of months it had already been seeking to diversify its imports, securing deals with Vietnam and Burma. Bangladesh imports both regular white rice as well as parboiled, so this may shift the type of rice it is buying from India. Nepal has also become a major rice importer, almost entirely dependent upon India because of its landlocked geography. It has been importing milled white rice and paddy rice, both of which will be taxed in this new measure. Sri Lanka is another country that has had smaller production, high prices, and increased imports, sourcing both parboiled and regular white rice from India.



Source: IGC

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World Markets and Trade: Commodities and Data

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

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

FAS Reports and Databases:

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

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

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

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

[Export Sales Report](#)

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

Other USDA Reports:

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

[Economic Research Service](#)

[National Agricultural Statistics Service](#)

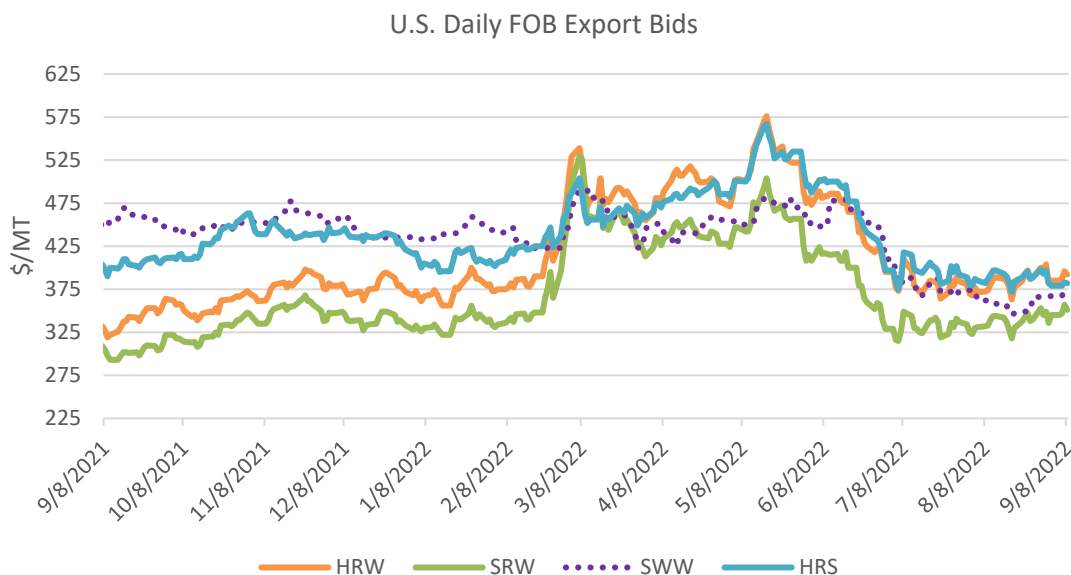
WHEAT

OVERVIEW FOR 2022/23

Global production is now forecast at a record, raised this month primarily on larger crops in Russia, Ukraine, Morocco, and Mexico, more than offsetting a cut in Syria. Feed and residual use is up for Russia and the European Union. Ending stocks are revised up with increases for Russia, Morocco, and Canada, more than offsetting a decrease in the European Union. Imports are raised on higher imports for Syria, partially offset by lower imports for Mexico. The U.S. season-average farm price forecast is lowered \$0.25 per bushel to \$9.00.

WHEAT PRICES

Domestic: Following the August WASDE Report, U.S. quotes were mixed from the previous month, reflecting a combination of harvest pressure for the spring wheat crop and growing concerns over uncertainty regarding the continuation of the Ukraine grain corridor. Hard Red Spring (HRS) fell \$15 from last month to \$382/ton as harvest reached 71 percent complete (vs. 94 percent a year ago), reflecting late planting in North Dakota. Hard Red Winter rose \$5/ton to \$392 as the harvest reached completion, but, looking ahead, there are concerns regarding persistent dry conditions in the Southern High Plains as winter wheat planting begins. Soft White Winter (SWW) bids improved \$13/ton to \$375. Soft Red Winter (SRW) increased \$7/ton to \$351 on growing international demand.



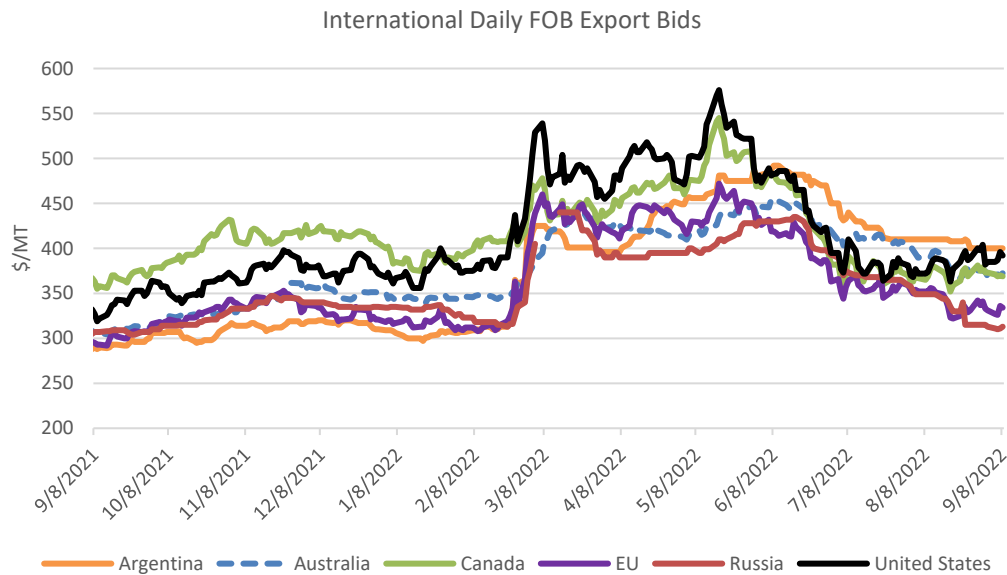
Source: IGC

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

Global: Global wheat prices declined slightly after the August WASDE. EU quotes fell \$21/ton on the declining euro and strong Black Sea shipments following the grain corridor agreement. Russian quotes are the most competitive and have fallen \$36/ton on large available supplies and declining export taxes. Canadian quotes slid \$11/ton on improved conditions in Saskatchewan and Alberta, although rains have delayed fieldwork where winter and spring wheat harvesting was estimated at 71 percent and 16 percent complete, respectively. Australian quotes experienced a drop of \$24/ton as continued favorable growing conditions are anticipated to produce a second consecutive bumper crop. Argentine quotes dropped \$10/ton as rains over the past several weeks supported strong growing conditions (Buenos Aires Cereal Exchange reported 79.9 percent normal-to-good condition).

Argentina	Australia	Canada	EU	Russia	United States
\$400	\$372	\$369	\$334	\$313	\$392

Note: As of September 8, 2022

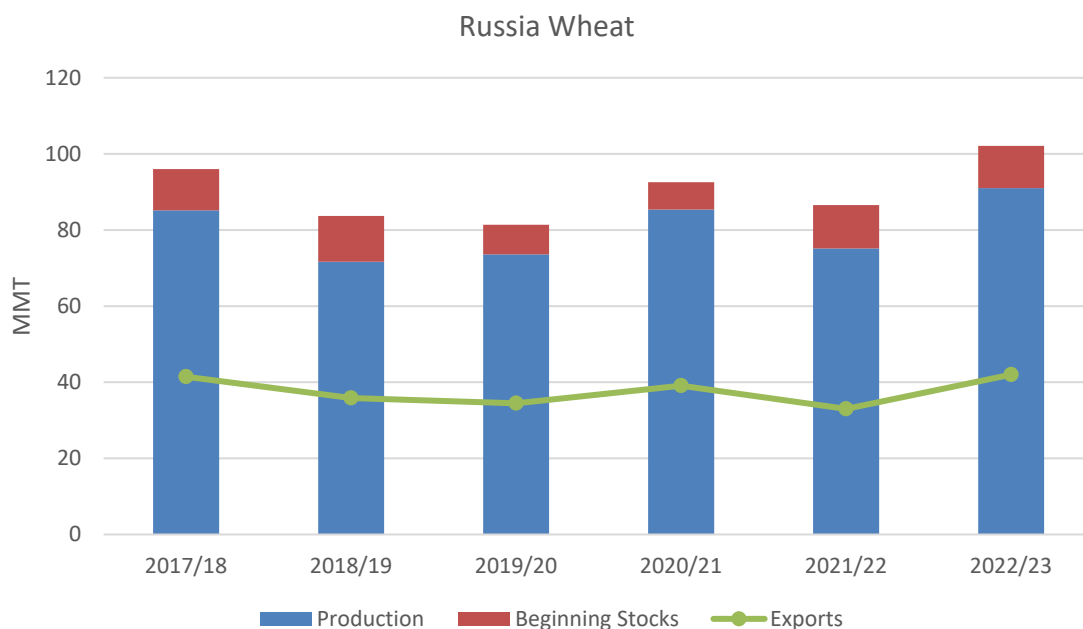


Source: IGC

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

MARKET FEATURE

Record Russia Wheat Supplies Enable Record Exports

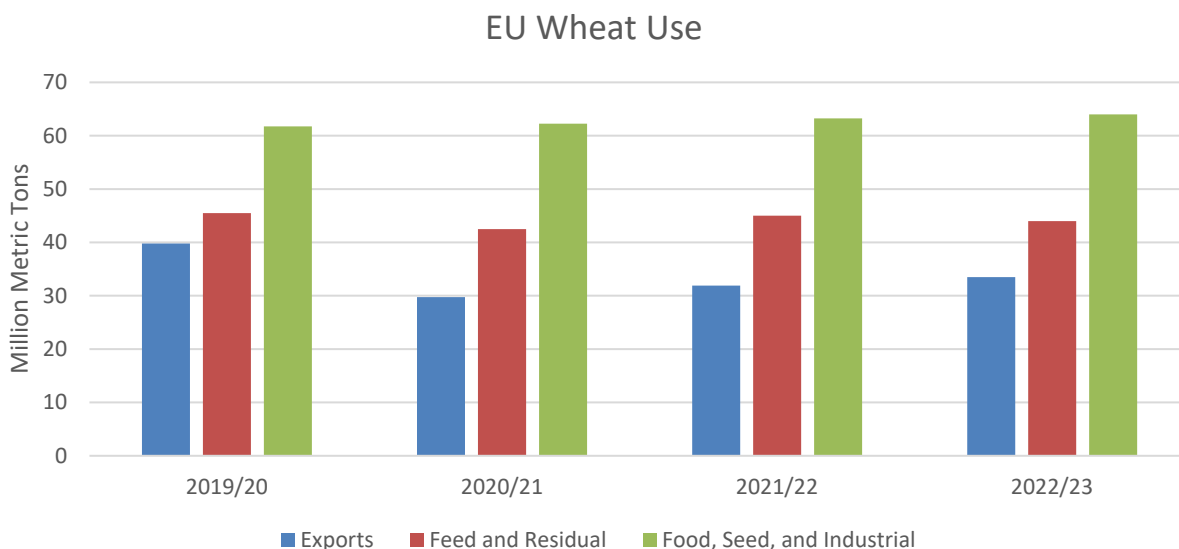


Russia is set to have record supplies in 2022/23, enabling the country to soar to record exports. Production is up more than 20 percent from last year on much improved weather conditions (see [September 2022 World Agricultural Production](#)) and the country has large carryin stocks. The restrictive trade policies in place during the second half of the 2021/22 marketing year prompted larger on- and off-farm stockholding, leading to large carryin stocks from which to ship. Russia implemented an export quota of 8 million tons between February 15 and June 30, the end of the marketing year.

So far in 2022/23, exports have begun to increase. However, continued challenges in booking sales and export logistics, and the continued government-imposed export tax have resulted in a more modest start of the export campaign.

Over the course of the year, Russia is expected to increase monthly shipments to offset lower exportable supplies from its two main competitors. The EU has a smaller wheat crop and will also use more wheat domestically for feed due to lower corn production. Ukraine also has a smaller crop and faces continued logistical constraints on its exports. While the grain corridor is currently open, there are upcoming discussions regarding its renewal. As the largest exporter and with a bumper crop, Russia seeks to expand its markets overseas, by boosting exports and continuing to open new markets such as Algeria.

EU Wheat Exports Expand but Constrained by Strong Competition



Since the beginning of 2022/23 (July/June), EU wheat exports have started strong with July-August exports over 6 million tons cumulatively. Supported by ample beginning stocks, exports are expected to rise to the highest in 3 years, despite a smaller crop. The robust monthly shipment pace is expected to wane as competition increases, both domestically and internationally.

The primary use for wheat in the EU is for food, which has been rising as COVID-related restrictions subside and tourism rebounds. In addition, an influx of refugees from Ukraine has boosted consumption demand higher. After food, the next largest volume for wheat is for animal feed use, which remains robust. Over the past decade, corn has overtaken wheat as the predominant feed grain, sourced from domestic production and imports. This year, the EU corn crop has been affected by adverse weather conditions and the crop size is expected to be down 17 percent from the prior year. With less corn production, the EU is expected to import more. However, imports are forecast only marginally higher given tight global corn supplies, resulting in less corn feed use. Likewise, the EU barley crop is also expected to be lower, leading to less barley feeding. Currently, EU wheat prices are at a discount to corn and barley, making it an attractive feed option.

Despite the strong early-season pace, monthly shipments of EU wheats are expected to subside as more Black Sea wheat becomes available as the harvest is completed. Ukraine and Russia are the largest direct competitors to the EU, particularly in Africa and the Middle East. Ukraine wheat has begun to move through the grain corridor (see August 2022 Grain World Markets and Trade), with over 500,000 tons shipped in the past month. Meanwhile, Russia is completing its harvest of its record grain crop and still has ample carryin stocks. Russia is forecast to be the largest global exporter and even with record exports will still have abundant ending stocks. As a result, Russia has the most competitive export quotes globally (see page 4) and is likely to see the pace of sales and shipments rise in the months to come.

While the EU is set to be the second largest exporter, demand from the domestic market will take precedence over exports as the year progresses.

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

Country	Attribute	Previous	Current	Change	Reason
Mexico	Imports	5,200	5,000	-200	Larger production
Syria	Imports	1,600	2,000	400	Smaller crop
Brazil	Exports	3,000	3,200	200	Ample exportable supplies

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

Country	Attribute	Previous	Current	Change
Ethiopia	Imports	1,412	1,700	288
Morocco	Imports	4,500	4,726	226

RICE

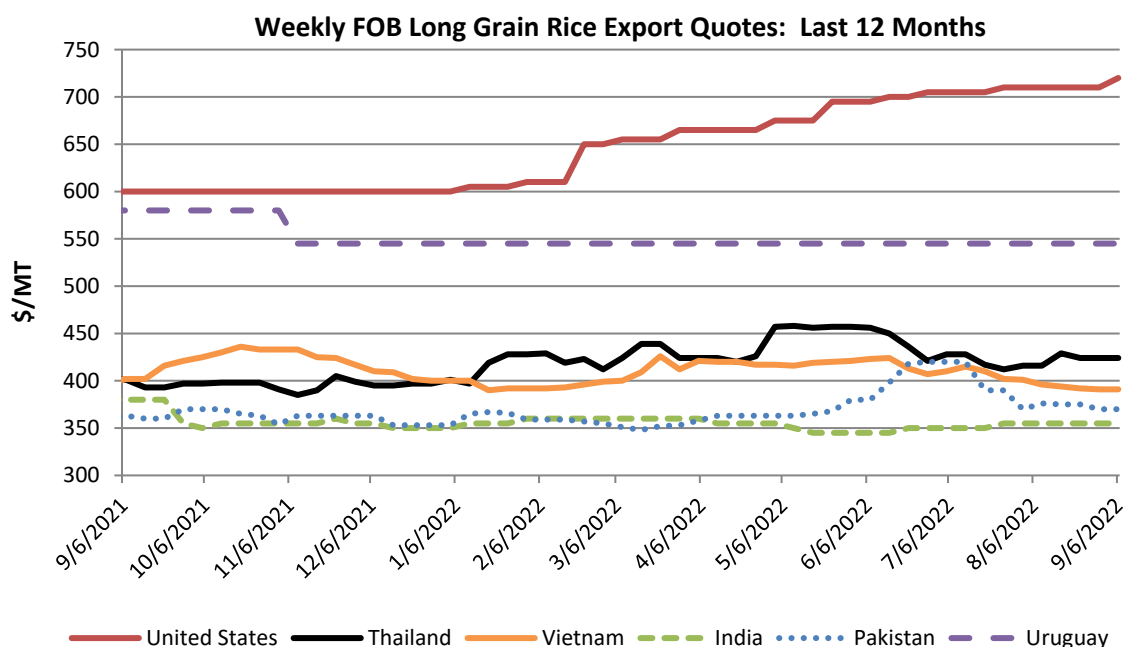
OVERVIEW FOR 2022/23

Global rice production is forecast down this month primarily due to smaller crops for India, China and Pakistan. This would be the first global year-to-year reduction in production since 2015/16. Global consumption is forecast slightly higher primarily for India. Global stocks are expected to decline to the lowest level since 2017/2018 as a result of reductions in India and China. Imports are forecast down, lowered mostly for China, Egypt, Senegal and Madagascar. Exports are forecast lower with cuts for India and China more than offsetting increases for Thailand, Vietnam, and Burma.

OVERVIEW FOR 2021/22

Global rice production is forecast slightly higher this month due to larger crops in India and Pakistan. Global consumption is up, primarily in India and Madagascar. Imports are forecast slightly lower due to less demand from Vietnam and Cuba. Exports are forecast down, primarily for India in response to its recent export ban on broken rice and a tax on other non-basmati and non-parboiled rice.

RICE PRICES



In the past month, U.S. quotes rose \$10 to \$720/ton and continue to be the highest since 2008 amid tight supplies. Uruguayan prices remain steady at \$545/ton. Thai quotes increased \$8 to \$424/ton driven by new inquiries for white and parboiled rice. Vietnamese prices fell \$5 to \$391/ton with harvest of the main autumn crop nearly complete. Pakistani quotes decreased \$6 to \$370/ton on weak demand. Indian quotes remained stagnant at \$355/ton and continue to remain the lowest globally. Effective September 9, Indian exports of white rice will face a 20 percent export tax.

MARKET FEATURES

India's Ban on Broken Rice Exports to Disrupt Global Market

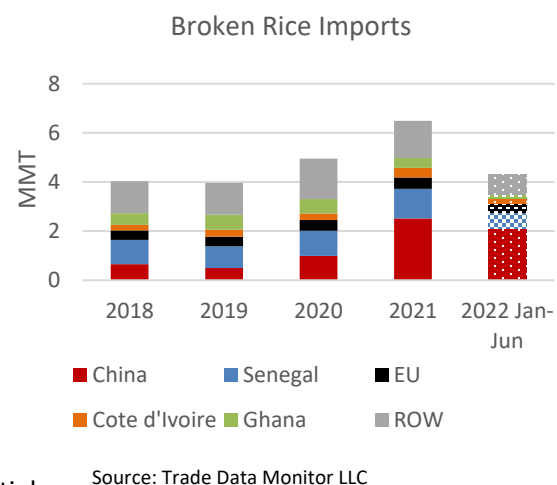
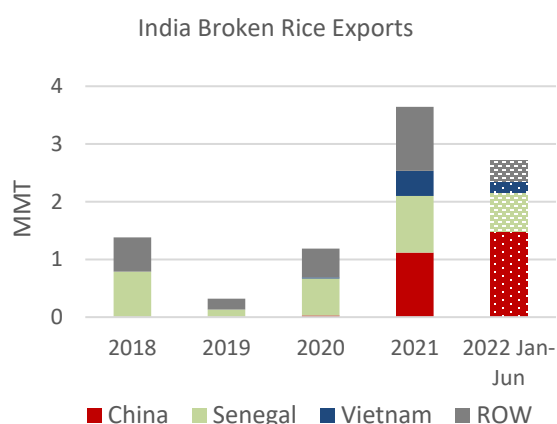
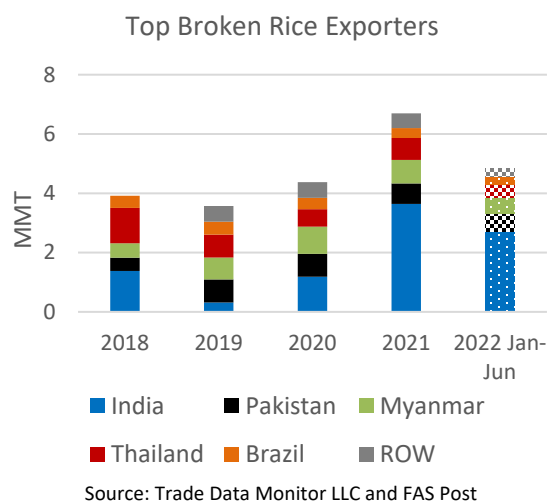
For 2022, rice trade is estimated to contract, in part due to the new Indian policy to ban exports of broken rice. In 2021, global broken rice trade was up 53 percent reaching 6.7 million tons. So far, for the first half of 2022, broken rice exports are at 4.8 million tons, up 39 percent compared to the same period in 2021. India's new policy will eliminate this trade, which was more than half of global broken rice trade.

Prior to 2021, broken rice contributed roughly 10 percent of total rice exports. For the first half of 2022, broken exports accounted for nearly 20 percent. The rising demand began during India's record high exporting year with low-cost rice and an abundant supply. India's largest markets have been China, Senegal, and Vietnam.

Historically, Senegal has been the largest destination for India broken rice and continues to be a key market but has fallen from the top spot. Senegal uses broken rice for one of its staple dishes. However, since 2021, China and Vietnam have bought significant volumes of broken rice. China (the world's largest producer) continues to be the largest rice importer and has shifted to purchasing more broken rice for animal feed.

More surprisingly, Vietnam (the third largest exporter) has become a major importer, purchasing broken rice from India due to the significant difference in prices. India's broken rice is more competitively priced compared to China and Vietnam's domestic rice, as well as some feed grains. The rice has been mainly used for animal feed as well as in liquor manufacturing and for processed food.

On September 9, 2022 India prohibited the exportation of 100 percent broken rice, which will have a significant impact next year. Key India broken rice importers, such as China, Vietnam, and Senegal, are expected to import less in 2023 due to the recent ban. While India exports are expected to drop, Pakistan, Vietnam, Thailand, and Burma have the potential to offset some of India's decline.



Thai Rice Exports Rebound to Largest in 3 Years

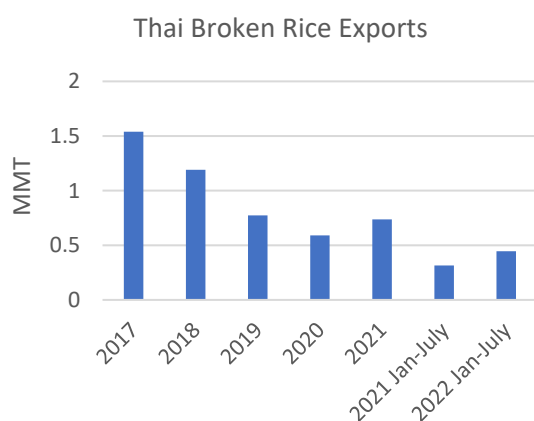
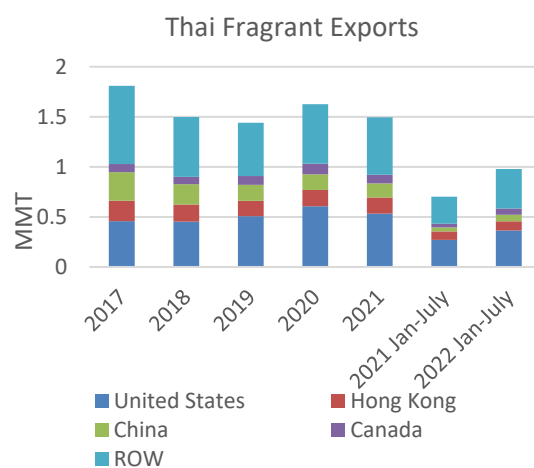
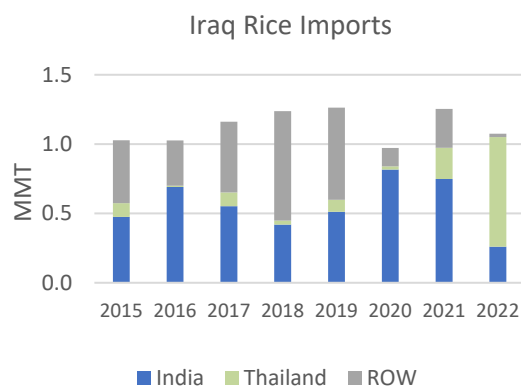
Thai rice exports continue to rebound in 2022 and are forecast at 7.5 million tons, the largest since 2019. In the first 7 months of the year, exports are up nearly 60 percent compared to the same period last year. The key factors are increased market share in Iraq, more fragrant exports, additional broken rice shipments, and more opportunities since India has recently imposed export restrictions.

Iraq has historically purchased rice from Western Hemisphere and Asian suppliers, but India has been the dominant supplier in recent years. However, Thailand began to make some inroads in 2021 and has over 75 percent market share in the first 7 months of 2022. Thailand is shipping white rice at prices averaging under \$400/ton, which is gaining market share over more expensive Indian rice varieties. So far this year, Thailand has shipped its largest exports to Iraq since 2013.

Thai fragrant rice exports are up 40 percent compared to the same time last year at nearly 1.0 million tons. Specialty varieties such as Thai jasmine have gained popularity in the United States, Canada, the European Union, and parts of Asia. Overall, prices are down 10 percent for fragrant milled rice. This has spurred U.S. imports of jasmine rice to record levels, up nearly 50 percent from last year. Jasmine rice now accounts for over half of U.S. imports, which are forecast at a record.

Another key factor to Thailand's export growth has been a rebound in broken rice exports. Demand has been very strong from China, so Thai broken rice exports have risen there. With the implementation of India's ban on broken rice exports, Thai broken rice has more opportunities. In addition, India's export tax on non-parboiled, non-basmati rice may further open opportunities for Thailand to ship more milled rice.

Thai rice exports are expected to maintain a strong pace throughout the remainder of 2022 and are forecast to rise further to 8.0 million tons in 2023.



Source: Trade Data Monitor LLC

TRADE CHANGES IN 2023 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	6,000	5,500	-500	Less availability of broken rice from key supplier India
Egypt	Imports	850	650	-200	Larger crop
Iraq	Imports	1,350	1,450	100	Increased consumption
Madagascar	Imports	750	600	-150	Larger crop
Nepal	Imports	1,200	1,100	-100	Less demand with expected rising prices
Philippines	Imports	3,100	3,300	200	Smaller crop
Saudi Arabia	Imports	1,400	1,300	-100	Continuation of trade trends
Senegal	Imports	1,250	1,100	-150	Less demand with expected rising prices
Sri Lanka	Imports	300	500	200	High domestic price and smaller crop
Vietnam	Imports	800	700	-100	Less demand with India's recent export ban and expected rising prices
Burma	Exports	2,100	2,300	200	More opportunities for broken rice shipments to China
China	Exports	2,400	2,200	-200	Smaller crop
India	Exports	22,000	20,000	-2,000	Tighter supplies and new broken rice export ban and tax of some types of rice
Pakistan	Exports	4,900	5,000	100	Large carrying stocks and reduced competition from India
Thailand	Exports	7,500	8,000	500	Rising competitiveness in relation to declining India production
Vietnam	Exports	6,400	6,800	400	Higher demand from key market the Philippines

TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	5,800	5,700	-100	Less demand after ban on India broken exports
Cuba	Imports	480	350	-130	Slow pace
Iraq	Imports	1,400	1,500	100	Recent purchases from Thailand and the United States
Nepal	Imports	1,200	1,100	-100	Slow pace

Philippines	Imports	3,200	3,400	200	Large purchases from Vietnam
Saudi Arabia	Imports	1,400	1,300	-100	Slow pace of trade
Turkey	Imports	450	350	-100	Sluggish demand
Vietnam	Imports	1,200	1,000	-200	India ban on broken rice exports
India	Exports	21,750	20,300	-1,450	Smaller crop and more domestic use
Pakistan	Exports	4,800	5,200	400	Strong demand, especially from China
Thailand	Exports	7,200	7,500	300	Strong current pace, particularly to Iraq
Vietnam	Exports	6,600	6,700	100	Strong demand from the Philippines

COARSE GRAINS

OVERVIEW FOR 2022/23

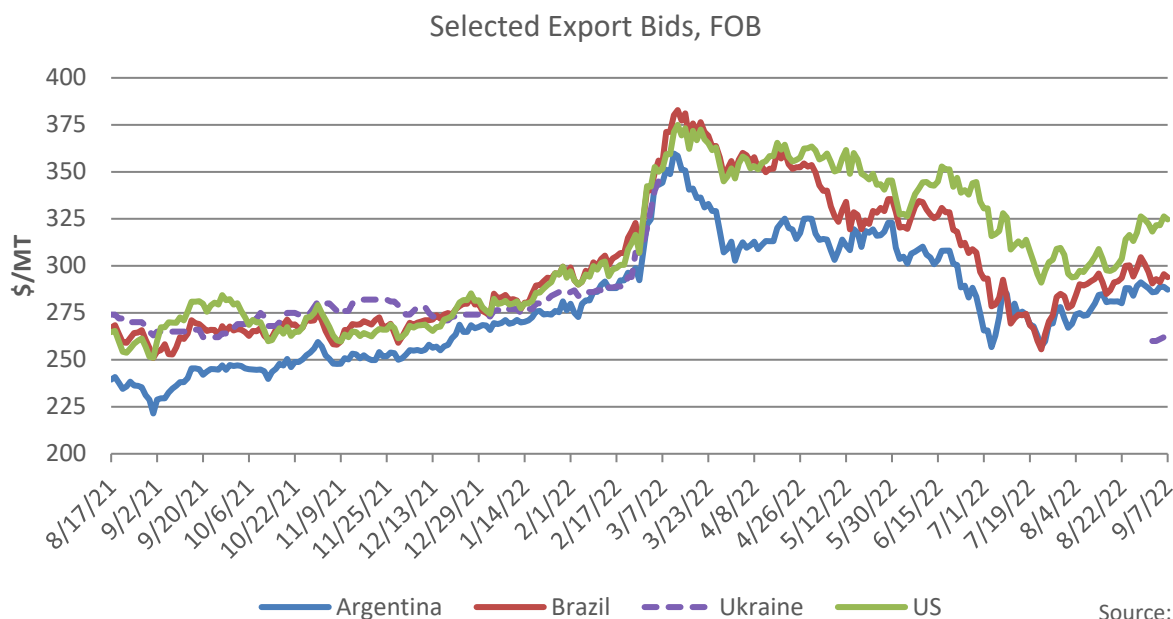
Global corn production is forecast down as cuts to the European Union and the United States more than offset increases to China and Ukraine. Global imports are forecast down on decreases in Canada and Vietnam. Global exports are also down on decreased exports from the United States. The U.S. season-average farm price is up \$0.10 to \$6.75 per bushel.

OVERVIEW FOR 2021/22

Global corn production is forecast higher on South Asia production, primarily India and Pakistan, more than offsetting a decline in Mexico. Global exports are also forecast up with gains for Ukraine, India, Pakistan, and Paraguay more than offsetting lower exports from Brazil and Mexico. Global imports are forecast up with increases for the European Union, Brazil, Canada, Turkey, and the Philippines more than offsetting reductions in Vietnam and Peru. The U.S. season-average farm price is unchanged at \$5.95 per bushel.

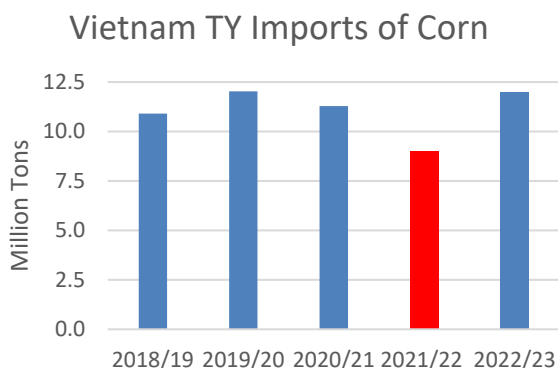
CORN PRICES

Since the August *WASDE*, the major exporters' bids have risen. U.S. bids were up \$26/ton to \$325. In August, USDA trimmed the national average yield by 1.6 bushels per acre, resulting in lower production and a small cut to U.S. exports. Brazilian bids were up just \$4/ton to \$294. Brazil corn exports in August were a record high of 7.6 million tons, reflecting the high level of production and strong global demand. Argentine bids were up \$13/ton to \$287. Ukrainian bids were published for the first time since March and were at \$261/ton. The relative discount to other exporters likely reflects the increased risk and continued uncertainty surrounding the Black Sea grain corridor.

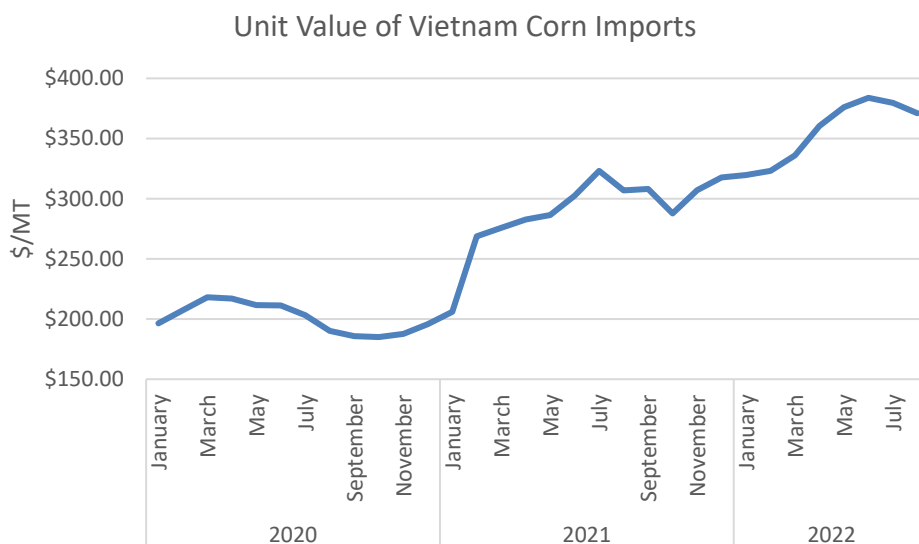


MARKET FEATURES

Vietnam Corn Imports Lowest Since 2017/18



From 2018/19 to 2020/21, Vietnam imported over 10 million tons of corn annually, largely to meet growing domestic feed demand for swine, poultry, and aquaculture. However, at current reduced monthly volumes, Vietnam is anticipated to import just 9.5 million tons of corn in 2021/22 – the lowest since 2017/18. Most of this change comes from relatively low imports for the month of July 2022. Vietnam Customs reported imports of just 593,000 tons of corn – less than half the volume imported for the same month in 2021.



Source: Derived from Vietnam Customs Data

The key driver of reduced imports has been the record high cost of imported corn during 2021/22. The average unit value of imported corn in June 2022 was \$384/ton, a 27-percent-increase from \$302/ton in June 2021. With such high and volatile corn prices, Vietnam likely reduced imports as a response. Vietnam purchased record imports of corn in 2019/20 and 2020/21 when corn was cheaper which led to nearly 2.7 million tons of corn stocks at the outset of 2021/22. To meet demand while corn prices are high, Vietnam is now drawing down from these extensive stocks. Per FAS/Ho Chi Minh City, current local prices of corn in Vietnam are lower than world prices, supporting the notion that destocking is occurring, and possibly a domestic production response. The drawdown is extensive - Vietnam is anticipated to nearly two-thirds fewer stocks remaining in at the end of 2021/22.

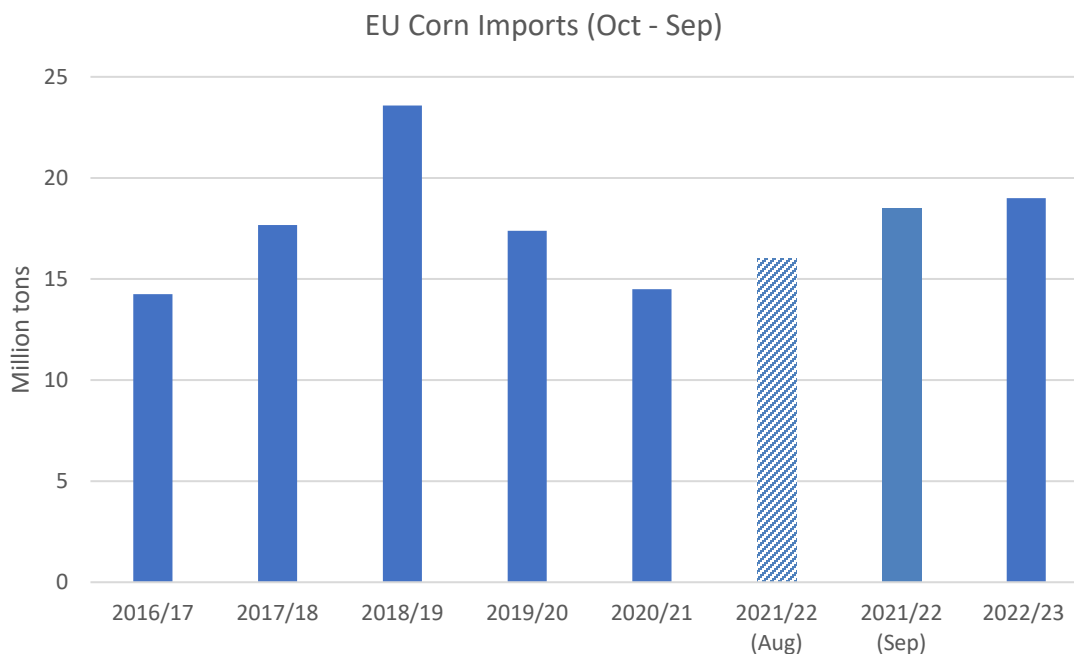
The slowdown in imports appears to be temporary. Already in August 2022, corn imports reached 713,000 tons, up 300,000 tons from August 2021. As supply chain bottlenecks ease, and Vietnamese feed demand continues to grow as recovering tourism increases restaurant demand for animal products, the likelihood of imports as low as June of 2022 diminishes.

European Union Corn Imports to Rise

Heat and drought have negatively affected European Union (EU) corn production for 2022/23, which is forecast at 58.8 million tons, down 1.2 million tons from last month and 17 percent lower than last year's crop. End users appear to be preparing for lower domestic supplies by importing heavily in August and likely into September.

As a result of the accelerated pace of imports near the end of the marketing year, USDA has boosted the import forecast for 2021/22 by 2.5 million tons this month, 16 percent over the previous month's forecast. Of this volume, 1.0 million tons is assumed to be held in stocks to support feed use at the beginning of 2022/23. Stocks represent 11 percent of use which, while the highest since 2017/18, likely reflect internal market prices that favored the use of imported corn in some member states.

Per EU Customs Surveillance data, from July 2022 to present, most imports have been sourced from Brazil. Year-over-year market share and volume are up 12 percent and 59 percent, respectively, for Ukraine. This is likely a result of Ukrainian efforts to export corn via land prior to the opening of the Black Sea grain corridor. EU corn imports for 2022/23 are currently forecast at 19.0 million tons to partially fill the domestic supply gap from lower production, as well as a shift to wheat for feed use due to lower prices. There is also continued uncertainty that exists around the future of export prospects for Ukraine, a major supplier to the European Union.



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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Australia	Sorghum	Exports	1,300	2,100	800	Larger production
Canada	Corn	Imports	2,500	1,500	-1,000	Lower exportable supplies from the United States
Ukraine	Corn	Exports	12,500	13,000	500	Based on pace of trade for the previous year
United States	Corn	Exports	61,500	59,500	-2,000	Lower production
	Sorghum	Exports	5,800	5,000	-800	
Vietnam	Corn	Imports	12,000	11,500	-500	Slowing imports in marketing year due to high prices

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Brazil	Corn	Exports	34,000	33,000	-1,000	Pace of trade
		Imports	2,500	3,200	700	Observed imports to date
European Union	Corn	Imports	16,000	18,500	2,500	Lower 2022/23 production; Pace of trade
India	Corn	Exports	3,300	3,600	300	Larger production
Pakistan	Corn	Exports	100	400	300	Larger production
Paraguay	Corn	Exports	1,800	2,000	200	Pace of trade
Peru	Corn	Imports	3,800	3,600	-200	Pace of trade
Russia	Barley	Exports	3,000	2,800	-200	Estimated pace of trade
Turkey	Corn	Imports	2,800	3,400	600	Trade to date
Ukraine	Corn	Exports	24,500	26,000	1,500	Stronger-than-expected July exports
Vietnam	Corn	Imports	10,100	9,500	-600	Observed imports; high price

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

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DATA TABLES

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All Grain Summary Comparison
Million Metric Tons

Marketing Year	Wheat			Rice, Milled			Corn			
	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23	
Production										
United States	(Jun-May)	49.8	44.8	48.5	7.2	6.1	5.2	358.4	383.9	354.2
Other		724.7	735.1	735.4	502.1	509.0	502.8	770.9	835.9	818.4
World Total		774.5	779.9	783.9	509.3	515.1	508.0	1,129.3	1,219.8	1,172.6
Domestic Consumption										
United States	(Jun-May)	30.4	30.6	30.4	4.9	4.8	4.5	306.7	314.3	304.8
Other		743.8	759.0	755.9	494.1	511.9	513.4	839.9	864.6	870.1
World Total		774.2	789.6	786.3	499.0	516.7	517.9	1,146.6	1,178.9	1,174.9
Ending Stocks										
United States	(Jun-May)	23.0	18.0	16.6	1.4	1.3	1.0	31.4	38.7	31.0
Other		267.6	257.7	252.0	186.6	183.6	172.6	261.4	273.4	273.5
World Total		290.6	275.7	268.6	188.0	184.9	173.6	292.8	312.1	304.5
TY Imports										
United States	(Jun-May)	2.5	2.7	3.0	1.0	1.3	1.4	0.6	0.7	0.7
Other		192.8	197.1	201.1	48.8	51.2	50.5	179.5	183.3	178.0
World Total		195.3	199.8	204.1	49.8	52.5	51.9	180.1	184.0	178.7
TY Exports										
United States	(Jun-May)	26.6	21.5	23.0	2.9	2.6	2.6	68.3	63.0	59.5
Other		172.7	183.8	185.4	48.9	51.7	51.1	115.7	130.8	125.2
World Total		199.3	205.3	208.4	51.8	54.3	53.7	184.0	193.8	184.7

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 Aug	2022/23 Sep
TY Exports						
Argentina	12,680	13,608	9,597	17,651	13,500	13,500
Australia	9,835	10,118	19,720	26,113	26,000	26,000
Brazil	594	408	911	3,105	3,000	3,200
Canada	24,475	22,991	27,723	14,952	26,000	26,000
European Union	24,686	39,788	29,740	31,904	33,500	33,500
India	494	595	3,597	10,567	4,000	4,000
Kazakhstan	8,780	6,888	8,128	8,455	8,000	8,000
Russia	35,863	34,485	39,100	33,000	42,000	42,000
Turkey	6,676	6,633	6,571	6,646	6,750	6,750
Ukraine	16,019	21,016	16,851	18,844	11,000	11,000
Others	11,827	11,591	10,803	12,516	11,399	11,444
Subtotal	151,929	168,121	172,741	183,753	185,149	185,394
United States	26,202	26,390	26,573	21,501	23,000	23,000
World Total	178,131	194,511	199,314	205,254	208,149	208,394
TY Imports						
Afghanistan	3,700	3,000	3,400	3,600	3,400	3,400
Algeria	7,515	7,145	7,680	8,286	8,400	8,400
Bangladesh	5,100	6,800	7,200	6,340	7,000	7,000
Brazil	7,442	7,063	6,359	6,582	6,400	6,400
China	3,145	5,376	10,618	9,568	9,500	9,500
Colombia	1,705	2,276	1,906	2,040	2,300	2,300
Egypt	12,354	12,811	12,149	11,500	11,000	11,000
European Union	5,763	5,551	5,379	4,606	5,500	5,500
Indonesia	10,934	10,586	10,649	10,700	11,200	11,200
Iran	170	2,500	2,200	8,000	6,000	6,000
Iraq	4,031	2,242	2,175	2,576	3,500	3,500
Japan	5,726	5,683	5,493	5,605	5,700	5,700
Kenya	2,000	2,500	2,092	2,083	2,200	2,200
Korea, South	3,908	3,941	3,889	5,097	4,200	4,200
Mexico	4,861	5,080	4,724	5,326	5,200	5,000
Morocco	3,724	4,879	5,191	4,726	7,500	7,500
Nigeria	4,659	5,338	6,586	6,187	6,500	6,500
Pakistan	2	1	3,617	2,335	2,500	2,500
Philippines	7,570	7,065	6,113	6,865	6,200	6,200
Saudi Arabia	2,902	3,652	2,818	3,052	3,000	3,000
Thailand	2,899	3,501	3,306	2,351	2,700	2,700
Turkey	6,515	11,087	8,051	9,555	10,250	10,250
Uzbekistan	2,837	2,746	3,758	3,344	3,500	3,500
Vietnam	3,500	3,570	3,900	4,527	4,200	4,200
Yemen	3,675	3,728	4,043	3,410	3,700	3,700
Others	54,259	58,495	59,487	58,826	59,345	59,795
Subtotal	170,896	186,616	192,783	197,087	200,895	201,145
Unaccounted	3,739	5,062	4,023	5,461	4,254	4,249
United States	3,496	2,833	2,508	2,706	3,000	3,000
World Total	178,131	194,511	199,314	205,254	208,149	208,394

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 Aug	2022/23 Sep
Production						
Argentina	19,500	19,750	17,640	22,500	19,000	19,000
Australia	17,598	14,480	31,923	36,347	33,000	33,000
Brazil	5,428	5,200	6,250	7,700	8,700	8,700
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	132,100
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	88,000	91,000
Turkey	19,000	17,500	18,250	16,000	17,250	17,250
Ukraine	25,057	29,171	25,420	33,007	19,500	20,500
United Kingdom	13,555	15,600	9,658	13,988	14,600	14,600
Others	59,031	64,930	62,644	63,018	60,525	60,845
Subtotal	679,614	709,031	724,779	735,113	731,075	735,395
United States	51,306	52,581	49,751	44,790	48,523	48,523
World Total	730,920	761,612	774,530	779,903	779,598	783,918
Total Consumption						
Algeria	10,750	10,950	11,150	11,370	11,570	11,570
Brazil	11,900	11,900	11,800	11,750	11,950	11,900
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	107,000	108,000
India	95,629	95,403	102,217	109,878	104,500	104,500
Indonesia	10,600	10,300	10,300	10,500	10,900	10,900
Iran	16,100	17,200	17,400	18,200	18,400	18,400
Morocco	10,700	10,400	10,400	10,600	10,600	10,600
Pakistan	25,400	25,500	26,300	27,700	29,000	29,000
Russia	40,500	40,000	42,500	42,750	44,000	45,000
Turkey	18,800	20,000	20,600	20,200	20,700	20,700
Ukraine	8,800	8,300	8,700	10,000	10,200	10,700
United Kingdom	15,417	15,196	13,455	15,400	15,600	15,600
Others	177,104	181,459	184,470	183,687	185,296	185,271
Subtotal	704,270	715,505	751,778	764,143	758,174	760,594
United States	29,986	30,437	30,412	30,639	30,427	30,427
World Total	734,256	745,942	782,190	794,782	788,601	791,021
Ending Stocks						
Algeria	5,219	5,358	4,992	4,406	4,837	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	10,179	9,531
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	14,388	15,388
Ukraine	1,555	1,504	1,505	5,811	4,242	4,711
Others	62,791	63,527	62,729	56,631	55,728	56,041
Subtotal	253,157	270,228	267,552	257,712	250,744	251,972
United States	29,386	27,985	23,001	17,962	16,599	16,599
World Total	282,543	298,213	290,553	275,674	267,343	268,571

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Aug 2022/23	Sep 2022/23
TY Imports						
North America	8,833	8,589	7,781	8,589	8,800	8,600
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	15,470
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	10,196	9,300	9,350
Middle East	24,687	31,100	27,178	34,868	35,310	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	14,785
Southeast Asia	27,757	27,561	26,704	27,386	27,200	27,200
Others	3,367	3,949	3,471	3,206	3,480	3,480
Total	174,392	189,449	195,291	199,793	203,895	204,145
Production						
North America	86,658	88,521	88,153	70,367	86,793	87,093
South America	28,859	28,773	27,853	33,927	31,737	31,707
European Union	123,124	138,799	126,691	138,289	132,100	132,100
Other Europe	18,129	19,831	14,083	18,627	19,240	19,240
Former Soviet Union - 12	123,432	129,099	139,464	134,119	134,945	138,945
Middle East	38,879	43,246	43,372	34,495	37,340	36,940
North Africa	21,002	18,399	15,810	20,431	17,150	17,600
Sub-Saharan Africa	8,283	8,431	9,456	9,369	9,816	9,816
East Asia	132,834	135,199	135,744	138,735	139,821	139,821
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
Total	730,920	761,612	774,530	779,903	779,598	783,918
Domestic Consumption						
North America	46,606	47,587	46,712	48,242	47,127	47,127
South America	28,695	29,465	29,695	29,391	30,065	30,015
European Union	106,300	107,250	104,750	108,250	107,000	108,000
Other Europe	20,697	20,421	18,725	20,730	21,010	21,010
Former Soviet Union - 12	76,435	75,560	78,645	79,100	80,970	82,470
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	153,626	153,601
Southeast Asia	26,165	26,355	26,030	26,340	26,140	26,140
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
Total	732,206	740,345	774,154	789,602	783,843	786,268
Ending Stocks						
North America	36,030	33,869	29,216	22,153	21,130	21,360
South America	5,876	6,786	6,672	5,331	5,551	5,289
European Union	15,798	13,110	10,690	13,431	10,179	9,531
Other Europe	3,224	3,850	2,497	2,631	3,077	2,991
Former Soviet Union - 12	14,883	13,141	18,139	21,267	22,858	24,382
Middle East	14,412	17,849	16,851	14,206	14,292	14,376
North Africa	15,537	14,357	11,142	11,000	10,344	10,780
Sub-Saharan Africa	2,926	4,220	4,486	4,327	4,380	4,468
East Asia	141,028	153,011	147,013	145,085	148,122	148,111
South Asia	21,466	28,203	34,242	26,203	17,649	17,578
Southeast Asia	6,186	6,240	5,728	5,485	5,509	5,400
Oceania	4,769	3,029	3,263	3,891	3,529	3,581
Others	408	548	614	664	723	724
Total	282,543	298,213	290,553	275,674	267,343	268,571

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 Aug	2022/23 Sep
TY Exports						
Argentina	388	335	400	350	320	320
Australia	134	42	72	250	280	280
Brazil	954	1,240	782	950	700	700
Burma	2,700	2,300	1,900	2,300	2,100	2,300
Cambodia	1,350	1,350	1,850	1,700	1,600	1,600
China	2,720	2,265	2,407	2,250	2,400	2,200
European Union	506	543	413	440	420	420
Guyana	511	552	406	430	450	450
India	9,813	14,577	21,238	20,300	22,000	20,000
Pakistan	4,550	3,934	3,928	5,200	4,900	5,000
Paraguay	689	803	640	640	700	700
Thailand	7,562	5,706	6,062	7,500	7,500	8,000
Turkey	202	234	241	270	230	230
Uruguay	809	969	704	875	850	850
Vietnam	6,581	6,167	6,272	6,700	6,400	6,800
Others	1,309	1,486	1,609	1,545	1,325	1,325
Subtotal	40,778	42,503	48,924	51,700	52,175	51,175
United States	3,142	2,857	2,917	2,550	2,550	2,550
World Total	43,920	45,360	51,841	54,250	54,725	53,725
TY Imports						
Brazil	691	876	685	850	850	850
China	2,800	3,200	4,921	5,700	6,000	5,500
Cote d'Ivoire	1,350	1,100	1,450	1,450	1,500	1,500
Egypt	665	309	326	800	850	650
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	1,500	1,350	1,450
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	820	800
Mozambique	635	655	700	700	760	760
Nepal	620	980	1,260	1,050	1,200	1,100
Nigeria	1,800	1,800	2,100	2,200	2,200	2,200
Philippines	2,900	2,450	2,950	3,400	3,100	3,300
Saudi Arabia	1,425	1,613	1,200	1,300	1,400	1,300
Senegal	1,000	1,050	1,250	1,250	1,250	1,100
South Africa	944	1,000	1,000	1,000	1,025	1,025
United Arab Emirates	850	850	750	900	1,000	950
United Kingdom	587	654	600	650	660	660
Vietnam	500	400	1,800	1,000	800	700
Others	14,841	15,755	17,498	17,038	17,144	16,964
Subtotal	41,343	42,639	48,817	51,173	51,594	50,494
Unaccounted	1,595	1,511	2,046	1,777	1,731	1,831
United States	982	1,210	978	1,300	1,400	1,400
World Total	43,920	45,360	51,841	54,250	54,725	53,725

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

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Aug	2022/23 Sep
Milled Production						
Bangladesh	34,909	35,850	34,600	35,850	35,650	35,650
Brazil	7,140	7,602	8,001	7,344	7,100	7,100
Burma	13,200	12,650	12,600	12,352	12,500	12,500
Cambodia	5,742	5,740	5,783	5,862	5,940	5,940
China	148,490	146,730	148,300	148,990	149,000	147,000
India	116,480	118,870	124,370	130,290	128,500	126,500
Indonesia	34,200	34,700	34,500	34,400	34,600	34,600
Japan	7,657	7,611	7,573	7,640	7,550	7,550
Korea, South	3,868	3,744	3,507	3,882	3,720	3,750
Nepal	3,736	3,696	3,743	3,730	3,763	3,763
Nigeria	5,294	5,314	5,148	5,255	5,355	5,355
Pakistan	7,202	7,414	8,420	9,323	8,900	8,400
Philippines	11,732	11,927	12,416	12,540	12,411	12,411
Thailand	20,340	17,655	18,863	19,650	19,800	19,800
Vietnam	27,344	27,100	27,381	27,069	27,400	27,400
Others	43,778	46,670	46,833	44,810	44,661	45,030
Subtotal	491,112	493,273	502,038	508,987	506,850	502,749
United States	7,107	5,877	7,224	6,090	5,589	5,244
World Total	498,219	499,150	509,262	515,077	512,439	507,993
Consumption and Residual						
Bangladesh	35,400	35,700	36,100	36,500	36,800	36,800
Brazil	7,350	7,300	7,350	7,350	7,300	7,300
Burma	10,250	10,400	10,500	10,400	10,500	10,400
Cambodia	4,300	4,350	4,300	4,200	4,200	4,200
China	142,920	145,230	150,293	156,340	156,600	156,100
Egypt	4,200	4,300	4,300	4,050	4,000	4,050
India	99,160	101,950	101,071	109,490	107,500	109,250
Indonesia	36,300	36,000	35,400	35,150	35,000	35,000
Japan	8,400	8,350	8,200	8,200	8,150	8,150
Nepal	4,376	4,521	4,968	4,730	4,963	4,863
Nigeria	6,950	7,050	7,150	7,250	7,450	7,450
Pakistan	3,200	3,400	3,800	4,000	4,100	4,200
Philippines	14,100	14,300	14,450	15,400	15,600	15,600
Thailand	11,800	12,300	12,700	12,800	13,100	13,000
Vietnam	21,200	21,250	21,450	21,450	21,700	21,500
Others	70,511	71,952	72,146	74,553	75,599	75,514
Subtotal	480,400	489,411	498,648	513,383	514,131	514,841
United States	4,577	4,586	4,860	4,806	4,604	4,477
World Total	484,977	493,997	503,508	518,189	518,735	519,318
Ending Stocks						
China	115,000	116,500	116,500	113,000	109,000	107,200
India	29,500	33,900	37,000	36,500	35,500	33,750
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	4,424	4,614
Thailand	4,080	3,979	4,280	3,830	3,330	2,830
Vietnam	1,097	1,180	2,639	2,558	2,908	2,358
Others	16,581	17,375	17,681	18,481	17,188	16,821
Subtotal	175,669	181,336	186,613	183,627	177,360	172,583
United States	1,424	910	1,387	1,261	1,159	980
World Total	177,093	182,246	188,000	184,888	178,519	173,563

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	Aug 2022/23	Sep 2022/23
TY Imports						
North America	2,143	2,530	2,146	2,495	2,670	2,650
Caribbean	1,076	1,211	1,003	1,000	1,155	1,065
South America	1,921	2,287	1,753	2,052	2,165	2,135
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	7,090	7,270	7,140
North Africa	1,022	575	595	1,115	1,125	965
Sub-Saharan Africa	13,815	14,315	15,945	16,890	17,270	16,890
East Asia	4,404	4,805	6,562	7,415	7,705	7,205
South Asia	951	1,405	4,389	2,805	2,457	2,557
Southeast Asia	5,815	5,399	7,239	6,862	6,332	6,432
European Union	1,794	1,993	1,861	2,400	2,500	2,500
Total	42,325	43,849	49,795	52,473	52,994	51,894
Production						
North America	7,295	6,052	7,425	6,270	5,777	5,432
Caribbean	1,010	957	886	868	891	871
South America	15,962	16,327	17,040	16,189	16,272	16,272
European Union	1,843	1,888	1,826	1,714	1,348	1,348
Former Soviet Union - 12	1,271	1,414	1,427	1,348	1,238	1,238
Middle East	2,616	2,950	2,896	2,691	2,840	2,840
North Africa	2,844	4,345	4,042	2,945	2,942	3,392
Sub-Saharan Africa	20,117	20,742	20,595	20,975	20,506	20,826
East Asia	162,732	161,159	162,004	163,072	162,827	160,857
South Asia	165,688	169,414	174,866	182,163	180,138	177,293
Southeast Asia	116,064	113,198	115,244	115,604	116,402	116,402
Total	498,219	499,150	509,262	515,077	512,439	507,993
Domestic Consumption						
North America	5,911	5,982	6,232	6,186	6,009	5,882
Central America	1,358	1,385	1,340	1,385	1,402	1,402
Caribbean	2,111	2,021	1,945	1,884	2,021	1,911
South America	14,905	14,862	14,948	15,060	15,161	15,101
European Union	3,246	3,394	3,400	3,500	3,550	3,550
Former Soviet Union - 12	1,574	1,641	1,717	1,691	1,676	1,676
Middle East	9,192	9,406	9,062	9,340	9,685	9,695
North Africa	4,591	4,604	4,625	4,400	4,317	4,407
Sub-Saharan Africa	33,628	34,453	35,432	37,092	37,456	37,576
East Asia	158,933	161,013	165,430	171,490	171,700	171,200
South Asia	145,573	149,359	149,884	158,860	157,693	159,343
Southeast Asia	102,952	103,718	103,951	104,626	105,326	104,926
Total	484,994	492,939	499,038	516,669	517,166	517,854
Ending Stocks						
North America	1,574	1,081	1,591	1,415	1,384	1,132
Central America	323	339	221	276	275	275
Caribbean	303	327	329	334	349	349
South America	1,941	1,641	2,132	1,814	1,910	1,810
European Union	931	899	663	737	615	615
Middle East	1,238	1,804	1,558	1,629	1,898	1,684
North Africa	949	1,232	1,150	695	440	640
Sub-Saharan Africa	3,597	3,082	3,140	3,658	3,543	3,408
East Asia	118,766	120,224	120,051	116,883	112,990	111,220
South Asia	32,370	37,257	41,144	41,660	39,311	37,499
Southeast Asia	14,880	14,112	15,650	15,320	15,288	14,428
Oceania	52	15	93	201	273	260
Total	177,093	182,246	188,000	184,888	178,519	173,563

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 Aug	2022/23 Sep
TY Exports						
Argentina	36,134	42,943	40,977	47,402	47,001	47,001
Australia	4,049	3,627	9,705	11,675	8,575	9,375
Brazil	38,812	34,141	27,504	33,017	46,525	46,525
Canada	5,805	5,278	7,221	5,550	6,750	6,650
European Union	10,412	13,492	12,552	13,085	9,270	9,270
India	537	1,158	3,735	3,642	2,455	2,455
Paraguay	2,568	2,089	2,564	2,015	2,805	2,805
Russia	7,402	9,292	9,871	7,050	10,150	10,150
South Africa	1,191	2,465	2,756	3,514	3,710	3,710
Ukraine	34,874	34,088	29,049	28,530	14,330	14,830
Others	13,474	13,451	13,491	11,775	9,738	9,738
Subtotal	155,258	162,024	159,425	167,255	161,309	162,509
United States	51,838	52,632	75,623	70,564	67,485	64,685
World Total	207,096	214,656	235,048	237,819	228,794	227,194
TY Imports						
Algeria	5,284	5,672	4,977	3,757	4,810	4,810
Bangladesh	1,385	2,010	1,847	2,110	2,208	2,208
Brazil	1,797	1,995	2,679	3,965	1,800	1,800
Chile	2,431	2,838	2,557	2,495	2,595	2,595
China	10,540	17,480	50,531	42,350	35,850	35,850
Colombia	6,390	6,285	6,132	6,351	6,301	6,301
Egypt	9,568	10,444	9,653	9,211	9,210	9,210
European Union	26,290	18,675	15,820	20,145	20,220	20,220
Guatemala	1,224	1,527	1,346	1,500	1,600	1,600
Iran	12,200	9,100	10,900	10,503	12,000	12,000
Israel	1,896	2,397	1,995	1,885	1,880	1,880
Japan	17,726	17,633	16,980	16,819	16,670	16,670
Jordan	1,666	1,468	1,414	1,650	1,600	1,600
Korea, South	10,964	11,978	11,804	11,614	11,600	11,600
Malaysia	3,690	3,806	3,726	3,820	3,825	3,825
Mexico	17,415	17,576	17,301	18,325	18,570	18,570
Morocco	3,028	4,052	2,938	2,752	3,012	3,012
Peru	3,875	4,090	3,851	3,770	4,055	4,055
Saudi Arabia	9,368	11,825	9,128	7,707	8,710	8,710
Taiwan	4,610	4,660	4,472	4,485	4,480	4,480
Thailand	1,406	2,287	2,889	1,750	2,200	2,200
Tunisia	1,418	1,660	1,962	1,700	1,650	1,650
Turkey	4,044	4,011	3,428	5,548	3,800	3,800
United Kingdom	3,087	2,674	2,934	2,419	1,952	1,952
Vietnam	11,033	12,198	11,947	10,100	12,700	12,200
Others	24,383	25,041	24,346	29,316	25,716	24,691
Subtotal	196,718	203,382	227,557	226,047	219,014	217,489
Unaccounted	7,753	8,282	4,961	9,161	7,129	7,154
United States	2,625	2,992	2,530	2,611	2,651	2,551
World Total	207,096	214,656	235,048	237,819	228,794	227,194

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 Aug	2022/23 Sep
Production						
Argentina	58,798	57,940	60,010	62,655	64,907	64,911
Australia	11,508	12,003	18,560	18,757	15,219	16,669
Brazil	104,334	105,815	90,321	120,621	130,536	130,536
Canada	26,203	28,611	29,644	24,427	29,345	29,695
China	265,006	269,067	269,083	280,852	279,300	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	140,605	139,405
India	43,212	47,660	51,387	51,206	50,500	50,500
Indonesia	12,000	12,000	12,600	12,700	12,900	12,900
Mexico	33,470	32,095	32,662	32,772	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	41,000	42,000
South Africa	12,417	16,367	17,814	16,857	17,903	17,873
Turkey	13,251	14,451	15,761	11,581	14,171	14,171
Ukraine	44,503	46,545	39,585	53,514	37,460	38,960
Others	187,167	184,579	193,945	189,844	185,951	185,410
Subtotal	1,025,099	1,060,155	1,068,216	1,107,323	1,092,992	1,098,525
United States	377,905	359,434	372,887	398,707	376,493	365,094
World Total	1,403,004	1,419,589	1,441,103	1,506,030	1,469,485	1,463,619
Domestic Consumption						
Argentina	17,791	17,575	17,020	17,490	17,762	17,766
Brazil	70,983	72,844	73,855	78,186	81,986	81,986
Canada	24,114	24,930	24,647	25,718	24,790	24,285
China	287,812	296,210	313,107	319,750	321,250	321,250
Egypt	17,186	17,979	17,265	17,281	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	159,091	153,073	153,073
India	44,571	45,775	47,546	47,700	49,250	49,250
Iran	16,520	14,620	15,320	15,022	16,221	16,221
Japan	17,953	17,867	17,290	17,150	16,951	16,951
Mexico	50,505	50,310	49,835	50,665	51,460	51,260
Nigeria	19,829	20,689	20,955	21,172	21,400	21,400
Russia	27,367	31,387	31,042	31,109	31,000	31,900
Turkey	16,651	17,761	18,051	17,497	17,381	17,381
Ukraine	11,358	11,994	12,407	16,579	17,047	18,047
Others	284,747	290,408	303,451	291,357	296,468	296,151
Subtotal	1,100,893	1,113,567	1,139,663	1,166,844	1,158,944	1,159,300
United States	322,984	320,685	315,967	323,407	317,210	313,313
World Total	1,423,877	1,434,252	1,455,630	1,490,251	1,476,154	1,472,613
Ending Stocks						
Brazil	5,671	5,821	4,601	5,184	8,502	8,509
Canada	3,288	3,983	3,609	3,134	3,404	3,436
China	210,660	200,956	207,455	210,857	204,707	207,707
European Union	14,505	14,157	14,626	16,483	14,065	13,765
Mexico	5,784	4,138	3,604	3,815	4,067	4,019
South Africa	1,346	2,439	2,557	2,296	2,563	2,561
Ukraine	2,043	2,550	1,654	6,656	13,456	12,739
Others	48,321	51,552	50,780	48,766	43,479	43,970
Subtotal	291,618	285,596	288,886	297,191	294,243	296,706
United States	60,471	51,830	34,013	41,487	37,391	32,978
World Total	352,089	337,426	322,899	338,678	331,634	329,684

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Aug 2022/23	Sep 2022/23
TY Imports						
North America	22,610	22,540	21,702	27,282	23,763	22,663
Central America	4,352	4,904	4,739	5,375	5,300	5,300
Caribbean	2,379	2,275	2,399	2,193	2,573	2,573
South America	15,686	16,998	16,844	17,988	16,232	16,232
European Union	26,290	18,675	15,820	20,145	20,220	20,220
Former Soviet Union - 12	1,025	1,134	771	693	616	616
Middle East	34,061	33,965	32,643	32,343	33,201	33,201
North Africa	20,875	23,565	21,251	18,870	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	75,318	68,645	68,645
Southeast Asia	17,880	19,968	20,201	18,237	21,520	21,020
Others	6,787	6,664	6,338	6,270	5,757	5,732
Total	199,343	206,374	230,087	228,658	221,665	220,040
Production						
North America	437,578	420,140	435,193	455,906	439,333	428,284
South America	178,754	178,266	164,876	199,803	211,652	211,696
European Union	140,703	152,817	155,458	154,407	140,605	139,405
Other Europe	18,625	20,815	21,796	18,227	18,354	17,995
Former Soviet Union - 12	93,534	101,435	94,637	104,973	90,891	93,391
Middle East	19,435	24,127	25,301	18,140	21,222	21,022
North Africa	13,260	11,240	9,767	12,834	11,429	11,349
Sub-Saharan Africa	123,553	123,744	133,252	127,694	129,072	129,200
East Asia	268,346	272,204	271,824	283,696	282,145	285,145
South Asia	57,684	64,124	69,562	70,752	68,734	68,734
Southeast Asia	34,879	33,540	35,780	35,719	35,830	35,730
Oceania	12,104	12,610	19,111	19,310	15,803	17,253
Others	4,549	4,527	4,546	4,569	4,415	4,415
Total	1,403,004	1,419,589	1,441,103	1,506,030	1,469,485	1,463,619
Domestic Consumption						
North America	397,603	395,925	390,449	399,790	393,460	388,858
South America	115,248	117,479	118,113	122,643	127,478	127,492
European Union	158,504	158,938	159,408	159,091	153,073	153,073
Other Europe	18,154	18,638	20,870	18,976	18,508	18,343
Former Soviet Union - 12	51,017	56,358	56,519	59,599	60,233	62,133
Middle East	54,897	56,190	55,807	52,280	54,007	53,807
North Africa	32,621	35,515	32,791	31,513	31,735	31,655
Sub-Saharan Africa	125,849	123,876	130,420	125,786	129,699	129,842
East Asia	324,394	333,535	349,451	355,747	357,024	357,024
South Asia	60,929	63,668	68,463	69,349	70,489	70,489
Southeast Asia	48,205	48,207	53,402	51,938	53,219	52,719
Oceania	8,139	8,310	8,791	8,113	7,638	8,113
Others	11,476	11,784	11,826	12,024	12,279	12,279
Total	1,407,036	1,428,423	1,456,310	1,466,849	1,468,842	1,465,827
Ending Stocks						
North America	69,543	59,951	41,226	48,436	44,862	40,433
South America	12,820	13,730	9,612	10,958	14,276	14,296
European Union	14,505	14,157	14,626	16,483	14,065	13,765
Other Europe	2,827	3,013	2,946	2,701	2,452	2,274
Former Soviet Union - 12	4,973	6,274	5,223	10,092	16,594	15,993
Middle East	5,566	6,512	6,339	5,263	4,720	4,919
North Africa	3,780	3,490	2,564	3,025	2,921	2,846
Sub-Saharan Africa	11,271	11,242	12,868	13,558	11,881	11,819
East Asia	215,242	205,707	211,898	215,115	208,831	211,831
South Asia	3,766	5,068	5,743	5,530	4,023	4,258
Southeast Asia	4,130	4,253	5,883	3,835	3,839	3,683
Oceania	2,516	3,098	3,084	2,739	2,232	2,630
Others	1,150	931	887	943	938	937
Total	352,089	337,426	322,899	338,678	331,634	329,684

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Corn Trade
October/September Year, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23 Aug	2022/23 Sep
TY Exports						
Argentina	32,879	39,917	36,544	41,500	41,000	41,000
Brazil	38,773	34,137	27,492	33,000	46,500	46,500
Burma	1,500	2,209	2,400	2,450	2,450	2,450
Canada	1,719	712	1,592	2,150	1,600	1,600
European Union	4,273	5,388	3,735	5,800	2,700	2,700
India	482	1,125	3,677	3,600	2,400	2,400
Paraguay	2,559	2,081	2,563	2,000	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	3,500	3,700	3,700
Ukraine	30,321	28,929	23,864	26,000	12,500	13,000
Others	7,882	7,711	7,070	6,823	5,027	5,027
Subtotal	124,341	128,737	115,677	130,823	124,677	125,177
United States	49,297	47,035	68,293	63,000	61,500	59,500
World Total	173,638	175,772	183,970	193,823	186,177	184,677
TY Imports						
Algeria	4,816	5,156	4,186	3,000	4,300	4,300
Bangladesh	1,358	2,003	1,838	2,100	2,200	2,200
Brazil	1,189	1,346	2,281	3,200	1,300	1,300
Canada	2,521	1,867	1,550	6,100	2,500	1,500
Chile	2,292	2,751	2,333	2,400	2,400	2,400
China	4,483	7,580	29,512	23,000	18,000	18,000
Colombia	6,048	5,976	5,795	6,000	6,000	6,000
Dominican Republic	1,536	1,354	1,495	1,350	1,550	1,550
Egypt	9,367	10,432	9,633	9,200	9,200	9,200
European Union	23,583	17,384	14,493	18,500	19,000	19,000
Guatemala	1,224	1,527	1,346	1,500	1,600	1,600
Iran	9,000	6,800	7,200	8,500	9,500	9,500
Israel	1,611	1,992	1,493	1,500	1,500	1,500
Japan	16,050	15,888	15,479	15,300	15,200	15,200
Korea, South	10,856	11,882	11,708	11,500	11,500	11,500
Malaysia	3,674	3,777	3,700	3,800	3,800	3,800
Mexico	16,658	16,526	16,498	17,500	17,700	17,700
Morocco	2,728	2,963	2,474	1,900	2,500	2,500
Peru	3,726	3,938	3,679	3,600	3,900	3,900
Saudi Arabia	3,662	4,517	3,017	3,500	4,000	4,000
Taiwan	4,508	4,580	4,386	4,400	4,400	4,400
Thailand	1,200	1,602	1,846	1,600	1,700	1,700
Turkey	3,669	3,004	1,794	3,400	3,000	3,000
United Kingdom	2,949	2,528	2,766	2,300	1,800	1,800
Vietnam	10,900	12,000	11,200	9,500	12,000	11,500
Others	17,570	19,425	17,810	18,668	18,994	18,969
Subtotal	167,178	168,798	179,512	183,318	179,544	178,019
Unaccounted	5,660	6,015	3,829	9,855	5,983	6,008
United States	800	959	629	650	650	650
World Total	173,638	175,772	183,970	193,823	186,177	184,677

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 Aug	2022/23 Sep
Production						
Argentina	51,000	51,000	52,000	53,000	55,000	55,000
Brazil	101,000	102,000	87,000	116,000	126,000	126,000
Canada	13,885	13,404	13,563	13,984	14,000	14,500
China	257,174	260,779	260,670	272,552	271,000	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	60,000	58,800
India	27,715	28,766	31,647	33,600	31,500	31,500
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	30,000	31,500
Others	115,085	111,169	117,211	121,472	114,680	114,388
Subtotal	764,479	776,773	770,846	835,812	814,880	818,388
United States	364,262	345,962	358,447	383,943	364,727	354,192
World Total	1,128,741	1,122,735	1,129,293	1,219,755	1,179,607	1,172,580
Total Consumption						
Argentina	13,800	13,500	13,500	13,700	14,000	14,000
Brazil	67,000	68,500	70,000	73,000	77,000	77,000
Canada	15,088	13,958	13,976	17,900	14,900	14,400
China	274,000	278,000	285,000	291,000	295,000	295,000
Egypt	16,200	16,900	16,400	16,400	16,400	16,400
European Union	85,000	79,000	77,700	81,900	77,400	77,400
India	28,500	27,200	27,850	29,800	30,000	30,000
Indonesia	12,900	12,600	13,300	13,800	14,100	14,100
Japan	16,000	15,950	15,450	15,350	15,200	15,200
Korea, South	10,947	11,795	11,780	11,550	11,550	11,550
Mexico	44,100	43,800	43,800	44,000	44,700	44,500
Nigeria	11,300	12,100	12,500	12,600	12,600	12,600
South Africa	12,536	12,200	13,220	13,300	13,300	13,300
Ukraine	6,200	6,400	7,100	11,400	11,700	12,700
Vietnam	14,200	14,550	16,450	15,250	15,500	15,000
Others	193,480	197,316	201,858	203,654	206,956	206,899
Subtotal	837,218	828,431	837,287	886,059	876,142	875,370
United States	310,391	309,504	306,686	314,339	308,624	304,814
World Total	1,147,609	1,137,935	1,143,973	1,200,398	1,184,766	1,180,184
Ending Stocks						
Brazil	5,311	5,328	4,153	4,653	7,953	7,953
Canada	1,979	2,560	2,169	2,203	2,203	2,203
China	210,179	200,526	205,704	210,236	204,216	207,216
European Union	7,644	7,382	7,880	9,659	7,559	7,359
Mexico	5,160	3,515	3,079	3,079	3,329	3,279
South Africa	1,020	2,117	2,124	1,924	2,224	2,224
Ukraine	891	1,478	832	5,573	12,073	11,373
Others	34,064	35,795	35,479	36,079	31,857	31,970
Subtotal	266,248	258,701	261,420	273,406	271,414	273,577
United States	56,410	48,757	31,358	38,729	35,266	30,954
World Total	322,658	307,458	292,778	312,135	306,680	304,531

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Aug 2022/23	Sep 2022/23
TY Imports						
North America	19,979	19,352	18,677	24,250	20,850	19,850
Central America	4,352	4,904	4,739	5,375	5,300	5,300
South America	14,349	15,696	15,639	16,545	15,020	15,020
European Union	23,583	17,384	14,493	18,500	19,000	19,000
Former Soviet Union - 12	588	564	323	359	300	300
Middle East	22,038	20,967	17,952	20,950	22,310	22,310
North Africa	18,531	20,306	17,899	15,700	17,600	17,600
Sub-Saharan Africa	2,793	3,110	2,868	3,235	3,023	3,023
East Asia	35,961	40,008	61,124	54,250	49,145	49,145
Southeast Asia	17,483	19,007	18,162	16,842	19,765	19,265
Caribbean	2,377	2,275	2,396	2,190	2,570	2,570
Others	5,944	6,184	5,869	5,772	5,311	5,286
Total	167,978	169,757	180,141	183,968	180,194	178,669
Production						
North America	405,818	386,024	399,356	424,677	406,327	396,292
South America	164,749	164,604	149,895	181,958	193,570	193,570
European Union	64,351	66,742	67,440	70,979	60,000	58,800
Other Europe	9,411	9,470	10,316	7,681	7,885	7,535
Former Soviet Union - 12	53,119	56,099	48,937	63,562	50,230	51,730
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	83,600	83,758
East Asia	260,184	263,488	263,041	275,016	273,468	276,468
South Asia	41,178	44,032	48,782	52,218	48,573	48,573
Central America	3,441	3,516	3,545	3,616	3,496	3,496
Southeast Asia	34,589	33,250	35,490	35,429	35,540	35,440
Others	1,233	1,118	1,144	1,257	1,238	1,238
Total	1,128,741	1,122,735	1,129,293	1,219,755	1,179,607	1,172,580
Domestic Consumption						
North America	369,579	367,262	364,462	376,239	368,224	363,714
South America	103,926	105,552	106,689	109,720	114,700	114,700
European Union	85,000	79,000	77,700	81,900	77,400	77,400
Other Europe	9,433	9,301	10,250	9,128	8,714	8,514
Former Soviet Union - 12	20,312	21,985	22,250	27,703	28,295	29,295
Middle East	28,778	28,084	26,671	28,875	30,318	30,318
North Africa	24,600	27,190	25,730	23,133	24,800	24,800
Sub-Saharan Africa	78,661	79,026	82,823	84,192	83,994	84,162
East Asia	308,273	313,031	319,169	324,850	328,695	328,695
South Asia	43,774	43,871	47,707	50,500	50,065	50,065
Southeast Asia	47,519	46,966	51,147	50,355	51,075	50,575
Central America	7,990	8,370	8,480	8,835	8,840	8,840
Others	3,797	3,635	3,492	3,513	3,810	3,785
Total	1,131,642	1,133,273	1,146,570	1,178,943	1,178,930	1,174,863
Ending Stocks						
North America	63,549	54,832	36,606	44,011	40,798	36,436
South America	10,897	11,834	7,784	9,060	12,334	12,369
European Union	7,644	7,382	7,880	9,659	7,559	7,359
Other Europe	1,433	1,318	1,538	1,286	1,095	942
Former Soviet Union - 12	2,200	3,260	2,214	7,398	13,561	12,847
Middle East	2,919	3,188	3,101	3,073	2,729	2,929
North Africa	2,473	2,379	1,821	1,956	2,328	2,307
Sub-Saharan Africa	8,729	9,303	10,705	12,132	10,210	10,118
East Asia	214,436	204,897	209,889	214,285	208,183	211,183
South Asia	3,026	3,827	4,397	4,424	3,027	3,352
Southeast Asia	4,119	4,244	5,877	3,829	3,833	3,677
Central America	903	797	702	803	744	744
Others	330	197	264	219	279	268
Total	322,658	307,458	292,778	312,135	306,680	304,531

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 Aug	2022/23 Sep
TY Exports						
Argentina	3,001	2,598	2,458	3,600	3,700	3,700
Australia	3,666	3,231	8,007	9,000	6,700	6,700
Canada	2,269	2,520	3,520	1,900	3,000	3,000
European Union	5,809	7,579	8,558	6,900	6,300	6,300
Kazakhstan	1,762	1,292	1,028	450	600	600
Russia	4,320	5,141	5,691	2,800	6,000	6,000
Serbia	67	77	131	130	150	150
Ukraine	4,407	4,990	5,053	2,300	1,800	1,800
United Kingdom	1,538	1,404	1,292	800	850	850
Uruguay	62	41	185	325	250	250
Others	225	396	1,125	444	216	216
Subtotal	27,126	29,269	37,048	28,649	29,566	29,566
United States	101	155	349	125	150	150
World Total	27,227	29,424	37,397	28,774	29,716	29,716
TY Imports						
Algeria	467	503	780	750	500	500
Brazil	608	647	398	750	500	500
China	5,181	5,969	12,049	8,500	9,500	9,500
European Union	1,762	1,089	1,150	1,050	1,000	1,000
Iran	3,200	2,300	3,700	2,000	2,500	2,500
Israel	236	358	461	350	350	350
Japan	1,158	1,253	1,132	1,200	1,200	1,200
Jordan	928	564	658	900	800	800
Kuwait	474	522	507	500	450	450
Libya	888	891	1,039	750	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	400	400	400
Saudi Arabia	5,700	7,300	6,100	4,200	4,700	4,700
Thailand	206	685	1,043	150	500	500
Tunisia	487	751	1,038	800	750	750
Turkey	375	1,007	1,634	2,100	800	800
United Arab Emirates	476	443	519	400	450	450
Vietnam	133	198	747	600	700	700
Others	2,187	1,617	2,370	2,071	1,625	1,625
Subtotal	25,141	27,873	36,833	29,371	28,975	28,975
Unaccounted	1,953	1,394	427	-997	541	541
United States	133	157	137	400	200	200
World Total	27,227	29,424	37,397	28,774	29,716	29,716

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Aug	2022/23 Sep
Production						
Algeria	1,957	1,648	1,213	950	1,600	1,600
Argentina	4,635	3,615	4,035	5,300	5,300	5,300
Australia	8,819	10,127	14,649	13,906	11,500	12,200
Belarus	944	1,098	1,375	1,000	1,100	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	50,100
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	20,000	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	11,902	13,695	12,826	12,716	11,070	10,736
Subtotal	136,280	154,613	157,142	142,839	142,920	144,286
United States	3,343	3,756	3,719	2,562	3,437	3,437
World Total	139,623	158,369	160,861	145,401	146,357	147,723
Total Consumption						
Algeria	2,000	2,350	2,350	1,950	1,950	1,950
Argentina	1,200	1,200	1,700	1,700	1,600	1,600
Australia	5,000	6,000	6,500	5,500	5,000	5,500
Canada	6,508	8,108	7,747	5,483	6,900	6,900
China	7,000	8,000	13,000	11,600	11,600	11,600
Ethiopia	1,825	2,325	2,325	2,425	2,425	2,425
European Union	45,600	49,500	48,250	45,450	44,900	44,900
Iran	6,200	6,400	6,900	5,100	5,500	5,500
Kazakhstan	2,150	2,400	2,550	2,300	2,200	2,200
Morocco	2,900	2,500	1,160	3,150	1,900	1,820
Russia	12,200	15,400	14,400	14,300	14,000	14,900
Saudi Arabia	7,025	7,025	7,025	4,225	4,925	4,925
Turkey	7,500	8,500	8,990	7,400	7,500	7,500
Ukraine	4,200	4,600	4,100	4,000	4,200	4,200
United Kingdom	5,666	5,989	7,207	6,305	6,321	6,321
Others	19,617	22,285	23,681	22,538	21,917	21,692
Subtotal	137,353	152,838	158,041	145,246	143,685	144,765
United States	3,537	3,922	3,753	3,357	3,376	3,376
World Total	140,890	156,760	161,794	148,603	147,061	148,141
Ending Stocks						
Argentina	598	608	619	619	619	619
Australia	1,908	2,711	2,518	1,924	1,518	1,924
European Union	5,457	5,207	5,012	5,263	5,258	5,163
Russia	640	743	757	712	762	862
Saudi Arabia	1,327	1,016	1,002	988	775	775
Ukraine	1,008	953	661	880	1,294	1,280
United Kingdom	1,091	1,357	1,058	1,041	1,020	1,020
Others	6,280	7,460	7,687	5,322	4,584	4,583
Subtotal	18,309	20,055	19,314	16,749	15,830	16,226
United States	1,884	1,747	1,555	918	1,023	1,023
World Total	20,193	21,802	20,869	17,667	16,853	17,249

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Aug 2022/23	Sep 2022/23
TY Imports						
North America	253	589	937	1,075	730	730
South America	1,179	1,168	927	1,318	955	955
European Union	1,762	1,089	1,150	1,050	1,000	1,000
Other Europe	252	175	203	190	168	168
Former Soviet Union - 12	395	464	425	322	304	304
Middle East	11,967	12,942	14,638	11,280	10,850	10,850
North Africa	2,342	3,225	3,333	3,160	2,510	2,510
Sub-Saharan Africa	28	67	19	110	70	70
East Asia	6,441	7,324	13,273	9,810	10,795	10,795
South Asia	296	89	34	66	68	68
Oceania	14	7	46	40	25	25
Total	25,274	28,030	36,970	29,771	29,175	29,175
Production						
North America	12,719	15,149	15,365	10,611	14,297	14,297
South America	6,133	5,135	5,741	7,053	7,139	7,124
European Union	49,470	55,180	54,234	52,046	50,100	50,100
Other Europe	7,762	9,471	9,659	8,535	8,603	8,594
Former Soviet Union - 12	31,225	36,462	35,652	32,724	32,175	33,175
Middle East	11,069	15,194	15,246	8,648	12,079	11,879
North Africa	5,394	3,929	2,526	4,368	3,008	2,928
Sub-Saharan Africa	2,369	2,929	3,004	2,869	3,000	2,970
East Asia	2,347	2,435	2,402	2,376	2,373	2,373
South Asia	1,936	1,974	2,045	1,941	1,728	1,728
Oceania	9,199	10,511	14,987	14,230	11,855	12,555
Total	139,623	158,369	160,861	145,401	146,357	147,723
Domestic Consumption						
North America	11,095	13,330	12,800	10,340	11,776	11,776
South America	3,716	3,898	4,217	4,407	4,152	4,137
European Union	45,600	49,500	48,250	45,450	44,900	44,900
Other Europe	7,032	7,408	8,737	7,845	7,799	7,814
Former Soviet Union - 12	21,759	25,745	24,612	23,573	23,594	24,494
Middle East	25,012	27,056	28,087	22,305	22,619	22,419
North Africa	7,076	7,419	6,205	7,461	6,048	5,968
Sub-Saharan Africa	2,360	2,913	2,982	2,961	3,035	3,010
East Asia	8,645	9,740	14,702	13,335	13,320	13,320
South Asia	2,103	2,214	2,240	2,006	1,791	1,791
Oceania	5,385	6,390	6,900	5,850	5,380	5,880
Total	140,128	156,504	161,638	146,783	146,214	147,309
Ending Stocks						
North America	3,109	3,166	2,676	1,902	1,942	1,997
South America	1,039	1,022	966	963	971	955
European Union	5,457	5,207	5,012	5,263	5,258	5,163
Other Europe	1,227	1,537	1,214	1,204	1,176	1,162
Former Soviet Union - 12	2,307	2,457	2,325	2,161	2,538	2,655
Middle East	2,617	3,304	3,218	2,141	1,951	1,951
North Africa	1,256	1,075	729	1,054	579	524
Sub-Saharan Africa	348	404	432	416	433	431
East Asia	612	631	1,604	455	303	303
South Asia	264	235	127	127	127	127
Oceania	1,946	2,755	2,560	1,975	1,569	1,975
Total	20,193	21,802	20,869	17,667	16,853	17,249

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 Aug	2022/23 Sep
TY Exports						
Argentina	254	426	1,973	2,300	2,300	2,300
Australia	91	102	1,235	2,000	1,300	2,100
Bolivia	18	8	30	25	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	304	196	194	107	107
Subtotal	924	981	3,624	4,699	3,922	4,722
United States	2,410	5,404	6,926	7,400	5,800	5,000
World Total	3,334	6,385	10,550	12,099	9,722	9,722
TY Imports						
China	652	3,709	8,669	10,500	8,000	8,000
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	250	200	200
Kenya	109	52	181	120	150	150
Mexico	546	567	133	200	200	200
Somalia	85	80	50	50	50	50
South Sudan	26	81	71	50	50	50
Sudan	160	150	125	100	50	50
Others	486	376	347	390	342	342
Subtotal	3,245	5,626	9,953	11,905	9,262	9,262
Unaccounted	88	758	596	193	459	459
United States	1	1	1	1	1	1
World Total	3,334	6,385	10,550	12,099	9,722	9,722

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Aug	2022/23 Sep
Production						
Argentina	2,500	2,500	3,320	3,400	3,800	3,800
Australia	1,160	397	1,639	2,733	1,800	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
Subtotal	50,092	49,046	52,967	50,729	53,116	53,916
United States	9,271	8,673	9,474	11,375	7,268	6,404
World Total	59,363	57,719	62,441	62,104	60,384	60,320
Total Consumption						
Argentina	2,150	2,050	1,150	1,150	1,350	1,350
Bolivia	980	980	1,400	1,350	1,350	1,350
Brazil	2,200	2,400	2,100	3,000	2,900	2,900
Burkina Faso	1,800	1,870	1,900	1,650	1,850	1,850
Cameroon	1,225	1,222	1,225	1,230	1,230	1,230
Chad	1,000	1,000	1,000	950	980	980
China	3,600	6,800	11,400	13,500	11,000	11,000
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	4,900	5,000	5,000
Niger	2,100	2,000	2,050	1,400	1,850	1,850
Nigeria	6,650	6,650	6,550	6,650	6,800	6,800
South Sudan	685	780	810	800	820	820
Sudan	5,300	4,350	5,100	3,700	4,950	4,950
Others	9,457	7,668	7,607	7,662	7,457	7,457
Subtotal	52,344	54,985	59,747	58,508	58,661	58,699
United States	6,212	4,365	2,638	3,175	2,287	2,286
World Total	58,556	59,350	62,385	61,683	60,948	60,985
Ending Stocks						
Australia	287	154	20	343	300	333
Brazil	194	293	266	313	324	333
China	17	34	269	239	209	209
India	153	394	599	359	349	259
Mexico	259	153	102	241	300	290
Nigeria	152	117	107	132	282	282
Sudan	631	110	280	175	243	270
Others	2,185	1,845	1,761	1,188	1,182	1,183
Subtotal	3,878	3,100	3,404	2,990	3,189	3,159
United States	1,617	764	516	1,351	618	517
World Total	5,495	3,864	3,920	4,341	3,807	3,676

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Aug 2022/23	Sep 2022/23
TY Imports						
North America	547	568	134	201	201	201
South America	80	45	37	47	33	33
European Union	666	89	13	170	100	100
Other Europe	24	29	24	20	25	25
Middle East	39	48	35	55	31	31
North Africa	0	7	1	2	2	2
Sub-Saharan Africa	650	618	645	579	583	583
East Asia	1,175	4,180	9,030	10,804	8,255	8,255
Southeast Asia	36	41	28	25	30	30
Others	29	2	7	3	3	3
Total	3,246	5,627	9,954	11,906	9,263	9,263
Production						
North America	13,971	13,001	13,822	16,215	12,118	11,254
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	1,800	2,600
Others	194	192	107	173	100	100
Total	59,363	57,719	62,441	62,104	60,384	60,320
Domestic Consumption						
North America	11,312	9,365	7,138	8,075	7,287	7,286
Central America	291	286	280	257	200	200
Caribbean	108	71	79	74	79	79
South America	5,644	5,687	4,909	5,723	5,868	5,868
European Union	1,554	1,128	1,033	971	813	813
Middle East	483	434	427	456	432	432
North Africa	803	784	755	756	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	13,806	11,257	11,257
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	410	510	510
Others	122	93	98	103	120	120
Total	58,479	58,435	60,880	61,617	60,374	60,373
Ending Stocks						
North America	1,876	917	618	1,592	918	807
Central America	9	9	6	4	9	9
South America	740	683	633	729	718	727
European Union	101	54	21	18	20	20
Middle East	0	0	0	0	0	0
North Africa	50	33	14	15	14	15
Sub-Saharan Africa	2,179	1,510	1,697	981	1,219	1,251
East Asia	38	71	295	265	235	235
South Asia	153	394	599	359	349	259
Oceania	287	154	20	343	300	333
Others	62	39	17	35	25	20
Total	5,495	3,864	3,920	4,341	3,807	3,676

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 Aug	2022/23 Sep
TY Exports						
Australia	250	245	391	600	500	500
Brazil	6	3	1	7	5	5
Canada	1,665	1,899	1,961	1,350	2,000	1,900
Chile	36	6	3	60	5	5
European Union	119	235	145	200	110	110
Russia	134	73	90	150	100	100
United Kingdom	50	112	31	120	50	50
Others	43	29	27	16	14	14
Subtotal	2,303	2,602	2,649	2,503	2,784	2,684
United States	26	32	51	35	30	30
World Total	2,329	2,634	2,700	2,538	2,814	2,714
TY Imports						
Algeria	1	13	11	7	10	10
Chile	14	28	169	25	150	150
China	224	222	301	350	350	350
Ecuador	16	12	26	5	20	20
European Union	58	113	33	160	40	40
India	21	25	46	50	50	50
Japan	46	47	48	50	50	50
Korea, South	31	25	24	30	25	25
Malaysia	16	29	26	20	25	25
Mexico	129	137	171	175	170	170
Norway	93	45	15	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	34	30	22	18	25	25
Others	54	47	41	47	32	32
Subtotal	852	936	1,047	1,084	1,092	1,092
Unaccounted	80	107	80	154	122	122
United States	1,397	1,591	1,573	1,300	1,600	1,500
World Total	2,329	2,634	2,700	2,538	2,814	2,714

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 Aug	2022/23 Sep
Production						
Algeria	118	101	69	105	105	105
Argentina	572	600	510	725	645	645
Australia	1,135	1,143	1,898	1,619	1,450	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	4,700	4,600
Chile	385	477	525	578	495	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	444	387	387
Subtotal	21,390	22,441	24,769	21,966	23,537	23,442
United States	815	773	954	578	763	763
World Total	22,205	23,214	25,723	22,544	24,300	24,205
Total Consumption						
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	2,400
Chile	390	520	615	590	650	675
China	870	870	900	950	950	950
European Union	7,000	6,900	8,175	7,650	7,560	7,560
Kazakhstan	315	250	235	205	200	200
Mexico	255	210	235	265	260	260
Norway	250	345	320	322	315	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	875	993	973	1,000	1,065	1,065
Others	684	670	692	752	746	746
Subtotal	20,712	20,827	22,496	21,286	21,755	21,766
United States	2,326	2,344	2,362	2,014	2,377	2,291
World Total	23,038	23,171	24,858	23,300	24,132	24,057
Ending Stocks						
Australia	191	114	416	335	266	235
Brazil	37	68	75	86	113	111
Canada	397	426	657	318	643	628
China	155	107	108	108	108	108
European Union	371	332	540	361	334	331
Russia	60	195	188	122	123	123
United Kingdom	116	106	147	164	135	124
Others	310	347	411	371	362	359
Subtotal	1,637	1,695	2,542	1,865	2,084	2,019
United States	549	534	552	473	467	467
World Total	2,186	2,229	3,094	2,338	2,551	2,486

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Aug 2022/23	Sep 2022/23
TY Imports						
North America	1,535	1,744	1,763	1,495	1,780	1,680
South America	78	89	241	78	224	224
European Union	58	113	33	160	40	40
Other Europe	184	138	93	109	95	95
Former Soviet Union - 12	31	6	6	6	3	3
Middle East	0	0	0	8	0	0
North Africa	2	27	18	8	20	20
Sub-Saharan Africa	23	62	21	20	30	30
East Asia	301	294	373	430	425	425
South Asia	21	25	46	50	50	50
Southeast Asia	16	29	26	20	25	25
Oceania	0	0	0	0	0	0
Total	2,249	2,527	2,620	2,384	2,692	2,592
Production						
North America	4,354	5,099	5,593	3,478	5,548	5,448
South America	1,831	2,017	1,949	2,507	2,362	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	1,479	1,429
Total	22,205	23,214	25,723	22,544	24,300	24,205
Domestic Consumption						
North America	4,664	4,973	4,937	4,123	5,037	4,951
South America	1,843	2,088	2,123	2,532	2,565	2,590
European Union	7,000	6,900	8,175	7,650	7,560	7,560
Other Europe	1,323	1,536	1,502	1,520	1,578	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	122	101	163	131	131
Sub-Saharan Africa	65	69	69	95	90	90
East Asia	951	943	972	1,031	1,026	1,026
South Asia	21	25	46	50	50	50
Southeast Asia	16	29	26	20	25	25
Oceania	927	994	1,223	1,129	1,029	1,029
Total	23,028	23,166	24,622	23,230	24,048	24,007
Ending Stocks						
North America	949	968	1,222	806	1,118	1,105
South America	144	191	229	206	253	245
European Union	371	332	540	361	334	331
Other Europe	167	158	194	211	181	170
Former Soviet Union - 12	177	322	341	253	242	244
Middle East	16	6	6	25	26	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	269	238
Total	2,186	2,229	3,094	2,338	2,551	2,486

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 Aug	2022/23 Sep
TY Exports						
Belarus	0	0	22	5	5	5
Canada	152	147	148	150	150	150
European Union	191	274	95	170	150	150
Russia	178	6	101	100	50	50
Ukraine	42	8	58	150	5	5
Others	1	0	3	6	0	0
Subtotal	564	435	427	581	360	360
United States	4	6	4	4	5	5
World Total	568	441	431	585	365	365
TY Imports						
Belarus	9	3	3	3	3	3
European Union	221	0	131	265	80	80
Israel	17	8	18	10	10	10
Japan	23	19	22	19	20	20
Kazakhstan	0	2	11	2	5	5
Korea, South	3	4	4	5	5	5
Norway	19	10	10	7	10	10
Others	10	103	13	58	8	8
Subtotal	302	149	212	369	141	141
Unaccounted	-28	8	29	-44	24	24
United States	294	284	190	260	200	200
World Total	568	441	431	585	365	365

TY=Trade Year, see Endnotes.

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

	2018/19	2019/20	2020/21	2021/22	2022/23 Aug	2022/23 Sep
Production						
Argentina	87	220	135	225	160	160
Belarus	503	756	1,051	800	750	750
Canada	236	333	488	473	500	450
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
Subtotal	9,786	11,987	14,006	12,295	11,789	11,739
United States	214	270	293	249	298	298
World Total	10,000	12,257	14,299	12,544	12,087	12,037
Total Consumption						
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	345	340
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	131	146	126	126	126
Subtotal	9,818	11,653	13,456	12,126	11,851	11,846
United States	518	550	528	522	546	546
World Total	10,336	12,203	13,984	12,648	12,397	12,392
Ending Stocks						
Belarus	35	44	31	34	37	37
Canada	49	40	72	109	69	71
European Union	513	590	739	685	397	395
Kazakhstan	4	0	4	4	5	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
Subtotal	804	841	1,152	1,064	709	708
United States	11	28	32	16	17	17
World Total	815	869	1,184	1,080	726	725

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Aug 2022/23	Sep 2022/23
TY Imports						
North America	296	287	191	261	202	202
South America	0	0	0	0	0	0
European Union	221	0	131	265	80	80
Other Europe	25	15	19	23	15	15
Former Soviet Union - 12	11	100	17	6	9	9
Middle East	17	8	18	50	10	10
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	26	23	26	24	25	25
Oceania	0	0	0	0	0	0
Total	596	433	402	629	341	341
Production						
North America	450	603	781	722	798	748
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
Total	10,000	12,257	14,299	12,544	12,087	12,037
Domestic Consumption						
North America	687	731	836	810	891	886
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	142	129	132	132
Former Soviet Union - 12	2,667	2,659	3,687	2,950	2,927	2,927
Middle East	337	328	338	368	340	340
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	26	23	26	24	25	25
Oceania	31	32	32	32	32	32
Total	10,311	12,212	13,964	12,657	12,426	12,421
Ending Stocks						
North America	60	68	104	125	86	88
South America	0	0	0	0	0	0
European Union	513	590	739	685	397	395
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	227	196	326	245	228	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
Total	815	869	1,184	1,080	726	725

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.