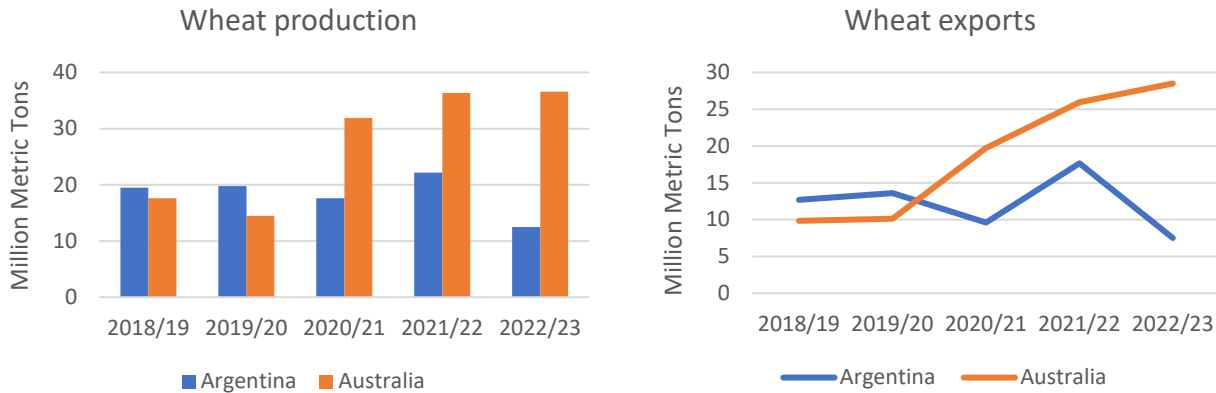


Grain: World Markets and Trade

Argentina Wheat Exports Fall While Australia Soars



This year, the prospects for exportable supplies from Australia and Argentina are diverging dramatically. Australia is set to hit record exports while Argentina is forecast to plummet to its lowest exports in 8 years.

While the bulk of global wheat is produced and exported from the Northern Hemisphere, these Southern Hemisphere producers augment those supplies. Exports from the Southern Hemisphere rise as the new calendar year begins and Northern Hemisphere supplies dwindle. With major exporter ending stocks forecast at the lowest in a decade and with elevated export prices, the quality and quantity of Southern Hemisphere exportable supplies is critical.

This year, Australia is harvesting a record crop, forecast up 1 percent from the record set last year. Australia is set to become the third-largest exporter at 28.5 million tons in 2022/23 (July/June). It will have sufficient supplies of high-quality wheat that will largely be marketed to its core markets in Asia, especially Indonesia. However, untimely heavy rains at harvest diminished the quality of some wheat in eastern Australia, leading to a larger-than-normal amount of feed-quality wheat. Competitive prices for the feed-quality wheat are expected to result in larger exports to several East and Southeast Asian countries. Australian feed wheat prices have fallen from \$400/ton in June to \$280/ton in December. This increased availability of feed-quality wheat is especially critical given the tightening of global corn supplies in 2022/23.

Meanwhile, Argentina wheat supplies are set to contract by 40 percent in 2022/23 leaving limited exportable supplies. Argentina 2021/22 ending stocks dwindled as a result of its record exports which rose as Black Sea supplies became constrained amid the war in Ukraine. However, poor weather during the growing season in 2022/23 is reducing yields to the lowest since 2008/09 and trimming area harvested. Thus, the crop that is currently being harvested is estimated at only 12.5 million tons, down nearly 10.0 million tons from the prior year. Argentina will likely only export to its nearby core markets in the Western Hemisphere. Its largest market is Brazil which is forecast to import less given its own bumper crop. In 2021/22, Argentina reached more markets in Asia, but in 2022/23 these markets will likely shift to Australia and Black Sea wheat, which are flowing with more certainty given the extension of the Black Sea Grain Initiative for another 120 days.

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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:

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

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

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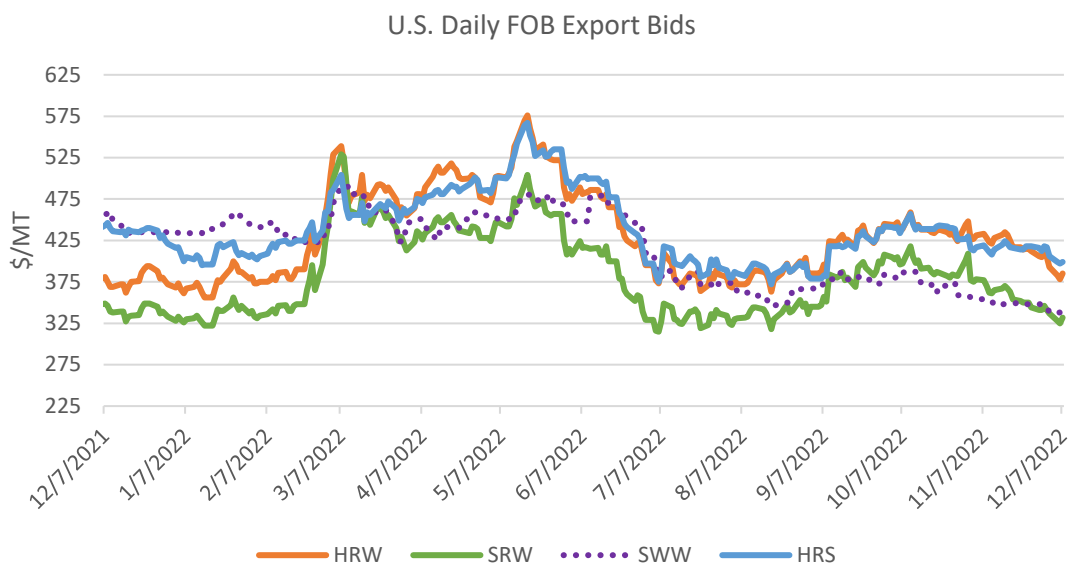
WHEAT

OVERVIEW FOR 2022/23

Global production is forecast lower this month. Forecast declines in Argentina and Canada are only partially offset by record crops expected from Australia and Brazil. Nonetheless, higher exports from Australia, the EU, Russia, and Ukraine will more than offset lower exports from Argentina. Imports are forecast up on higher demand from the EU, Pakistan, and Saudi Arabia. The U.S. season-average farm price forecast is lowered by 10 cents to \$9.10 per bushel.

WHEAT PRICES

Domestic: Since the November WASDE Report, U.S. quotes have fallen, reflecting tepid importer interest as U.S. prices remain persistently above other origins. Hard Red Winter (HRW) fell \$48/ton to \$385. Soft Red Winter (SRW) dropped \$45/ton to \$332 on continued availability of Black Sea grain on the market as the Black Sea Grain Initiative is extended. Hard Red Spring (HRS) fell \$20/ton from last month to \$399 in line with declining Canadian prices. Soft White Winter (SWW) fell \$16/ton to \$338 reflecting greater global availability of white wheat, particularly from Australia.



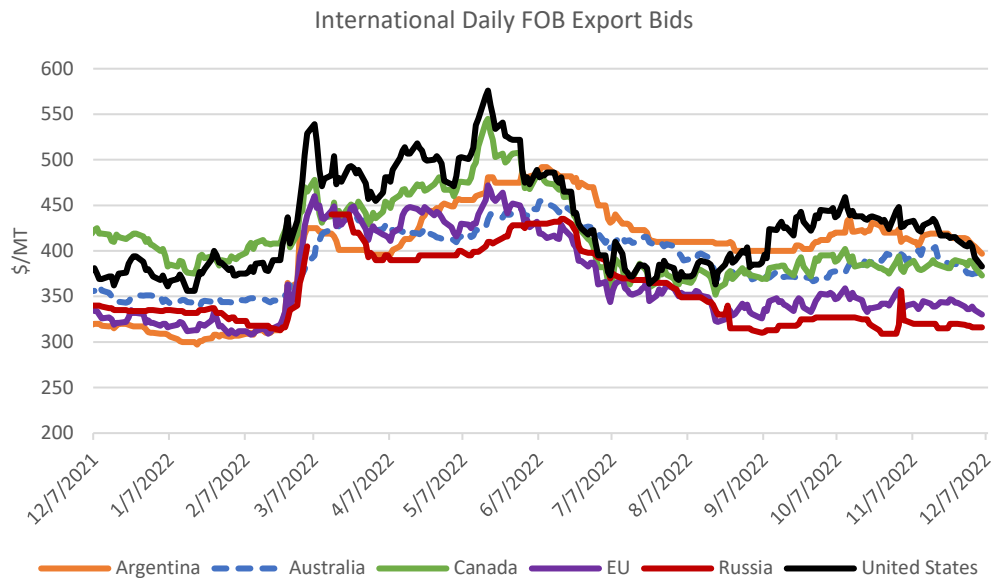
Source: IGC

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

Global: Global wheat prices have declined in all markets since the November WASDE, reflecting expansion of exports from the Black Sea following the continuation of the Black Sea Grain Initiative and the onset of Southern Hemisphere harvests. Argentine quotes declined \$13/ton amid its harvest; however, it remains the highest among major exporters as its crop size falls to its lowest since 2015/16. Australian quotes were down \$29/ton as it begins to harvest a record crop. U.S. quotes experienced the largest decrease of \$48/ton, with Canada dropping \$18/ton. EU quotes dropped \$10/ton as Ukraine wheat supplies continue to flow out of the Black Sea. Russian quotes were down only \$4/ton with firm demand from foreign markets as it remains the lowest priced among major exporters.

Argentina	Australia	Canada	EU	Russia	United States
\$397	\$367	\$371	\$332	\$316	\$385

Note: As of December 7, 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

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

Country	Attribute	Previous	Current	Change	Reason
Algeria	Imports	8,400	8,200	-200	Lower demand
Brazil	Imports	5,900	5,600	-300	Larger domestic crop and lower exportable supplies from Argentina
European Union	Imports	6,000	7,000	1,000	Larger imports from Ukraine
Indonesia	Imports	10,700	11,000	300	More availability from top supplier Australia
Iran	Imports	6,000	5,500	-500	Sluggish purchases to date
Korea, South	Imports	4,500	5,000	500	More wheat for feed use
Nigeria	Imports	6,300	6,100	-200	Low first quarter imports
Pakistan	Imports	2,500	3,000	500	Continued government purchases from Russia
Philippines	Imports	6,500	6,700	200	More wheat for feed use
Saudi Arabia	Imports	3,000	3,500	500	Strong imports and tenders
Thailand	Imports	2,700	2,900	200	More wheat for feed use
Vietnam	Imports	4,400	4,600	200	More wheat for feed use
Argentina	Exports	10,000	7,500	-2,500	Smallest crop in 7 years and uncompetitive prices
Australia	Exports	27,000	28,500	1,500	Record crop
European Union	Exports	35,000	36,000	1,000	Competitive prices
India	Exports	3,000	2,750	-250	Export ban
Russia	Exports	42,000	43,000	1,000	Price competitiveness
Ukraine	Exports	11,000	12,500	1,500	Continuation of Black Sea Grain Initiative and large shipments to EU

RICE

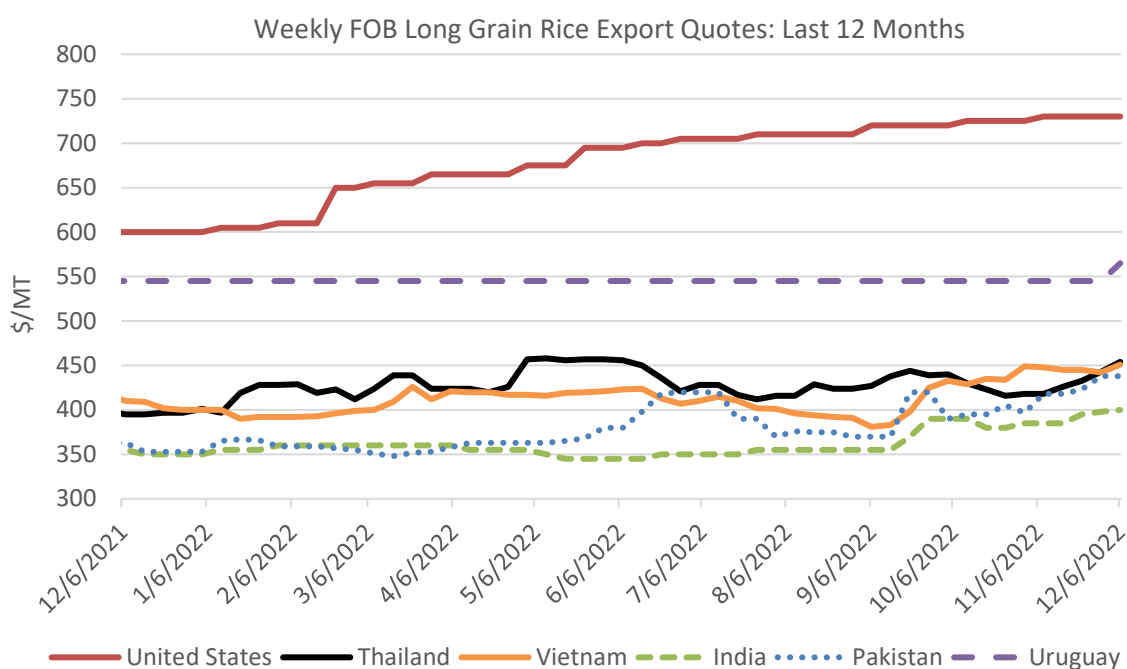
OVERVIEW FOR 2022/23

Global rice production is forecast slightly lower this month due to smaller crops for Australia, Brazil, and the European Union. Global consumption is forecast down slightly, mostly in India. Imports are forecast up, particularly for China, Indonesia, and Sri Lanka. Exports are projected higher, mostly from India, Thailand, and Vietnam. Global stocks are projected to decline, mainly for Vietnam and Thailand.

OVERVIEW FOR 2021/22

Global rice production is nearly unchanged from last month, although consumption is up, primarily in Indonesia. Imports are also projected higher with increases in China, Indonesia, and Iraq. Exports are forecast up for Vietnam, Thailand, and Brazil. Global stocks are forecast down, particularly in Brazil, Thailand, and Vietnam.

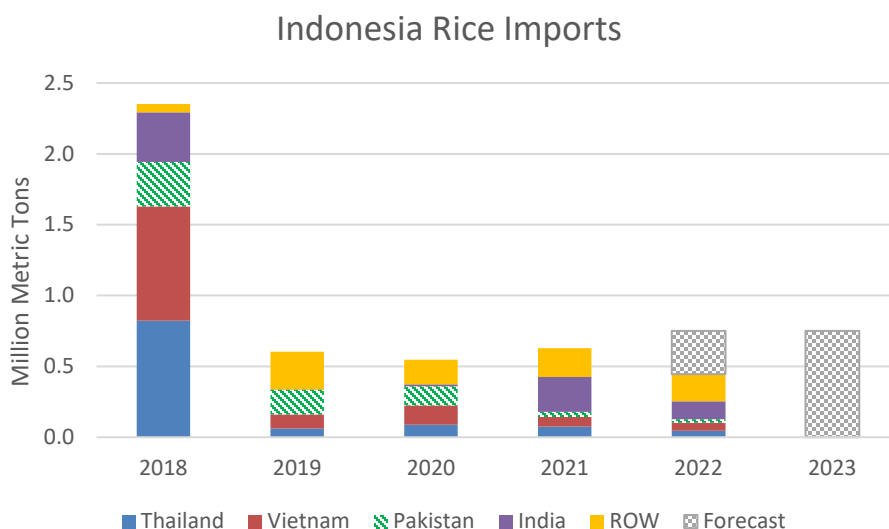
RICE PRICES



In the past month, U.S. quotes were unchanged and remain the highest among the major exporters at \$730/ton. Uruguayan prices went up \$20 to \$565/ton on strong demand from Latin American markets. Vietnamese prices were little changed, up \$3 to \$451/ton. Thai quotes jumped \$36 to \$454/ton with increased demand from Indonesia. Pakistani prices were up \$20 to \$438/ton with smaller supplies as a result of flooding. Indian quotes increased \$15 to \$400/ton and remain the lowest globally.

MARKET FEATURES

Indonesia to Import Rice to Replenish Government Stocks



Source: Trade Data Monitor, LLC

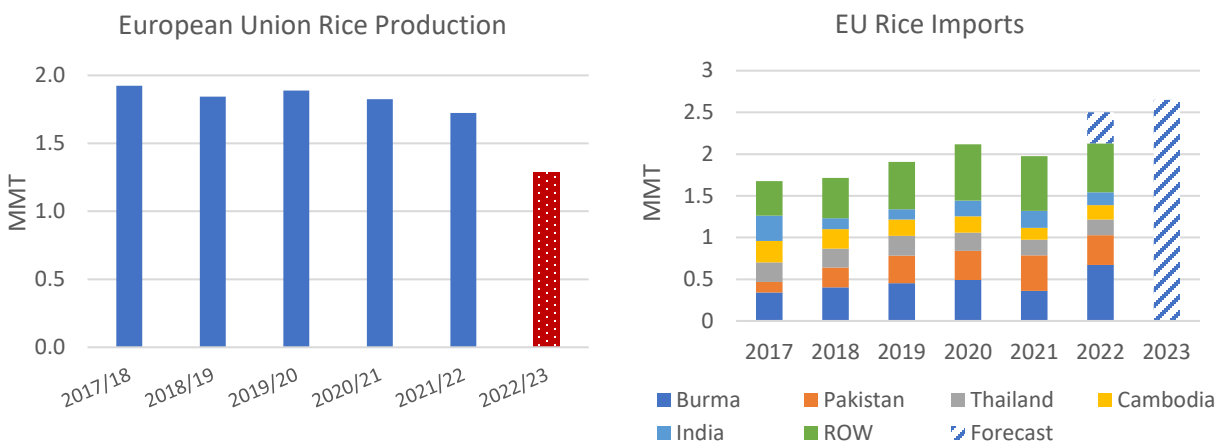
Indonesia's state-owned procurement agency Badan Urusan Logistik (BULOG) announced plans to import 500,000 tons of rice after authorization from the Government of Indonesia. Indonesia seeks to replenish its depleted rice stocks after difficulties in domestic procurement during the recent harvest. The move marks the first time BULOG has imported a significant quantity of rice since 2018.

Indonesia rice imports are forecast at 750,000 tons for 2022 and 2023. Year-to-date rice imports are approximately 450,000 tons. BULOG aims to import an additional 500,000 tons by the end of 2022; however, with limited time remaining in 2022, a portion will likely occur during early 2023.

Indonesia has standing Memoranda of Understanding (MOU) with Thailand and Vietnam for emergency procurements of up to 1 million tons from each country at current prices. Historically, these countries were the primary suppliers of rice to Indonesia, particularly in 2018. However, since 2021, India has come to dominate global rice trade and sellers in India currently offer competitive prices. During January through September 2022, Indonesia imported rice from India, Pakistan, Thailand, and Vietnam.

Indonesia is a major producer of rice and imports are generally a small portion of total consumption. Typically, BULOG seeks to procure additional rice from domestic farmers to replenish stocks and to ensure stable domestic rice prices. This sudden demand for imports at the end of the year is a factor causing an uptick in global trade. For more information, please see FAS/Indonesia's [Grain and Feed Update](#).

Low EU Rice Production Drives Down Exports and Spurs Additional Imports



Source: Trade Data Monitor, LLC

European Union (EU) rice production in 2022/23 is estimated at just under 1.3 million tons, a 25-percent drop from the previous year and the lowest level since 1984/85. This was caused by widespread drought conditions across southern Europe, most notably in Italy, and limited access to irrigated water in Spain. As a result, farmers planted and harvested less rice, with harvested area plummeting nearly a quarter from the prior year and yields declining more than 7 percent.

The EU primarily produces medium- and short-grain rice and the significant decline in production coincides with lower medium- and short-grain production in the United States and Australia. As a result, global medium-grain prices have skyrocketed. However, EU rice exports are expected to decline only slightly due to strong demand from major markets. The top EU rice export destination is the United Kingdom, typically accounting for nearly 40 percent of total exports. Other export markets include Switzerland, Jordan, and the United States.

Meanwhile, reduced production is expected to accelerate EU import growth. In 2022/23, EU consumption is forecast to reach a record high of 3.6 million tons. EU consumers have a growing preference for long grain and fragrant rice, including basmati and jasmine rice. As a result, rice imports are forecast to hit record levels in 2022/23 reaching nearly 2.7 million tons, with supplies mainly coming from Asia, including Burma, Pakistan, Thailand, Cambodia, and India. EU imports are at the same time diversifying, with increasing imports from South American suppliers such as Argentina and Uruguay.

TRADE CHANGES IN 2023 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	5,000	5,200	200	Strong demand for affordable Asian rice
European Union	Imports	2,500	2,650	150	Lower production
Indonesia	Imports	550	750	200	Government buying to replenish stocks
Iraq	Imports	1,500	1,600	100	Increased demand for rice from Thailand
Philippines	Imports	3,300	3,400	100	Strong demand for low-priced Asian rice
Sri Lanka	Imports	500	700	200	Strong demand for Indian rice
Brazil	Exports	1,000	900	-100	Lower production and ending stocks
India	Exports	19,500	20,000	500	Higher demand from markets in Africa and Asia
Thailand	Exports	8,200	8,500	300	Larger exports to Indonesia
Vietnam	Exports	7,200	7,400	200	Increased exports to Indonesia and the Philippines

TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Canada	Imports	445	550	105	Large purchases of U.S. rice
China	Imports	5,700	6,200	500	Strong end-of-year imports of broken and long grain rice
Cote d'Ivoire	Imports	1,500	1,600	100	Large shipments of Asian rice
European Union	Imports	2,400	2,500	100	Smaller crop and strong demand for long grain and fragrant rice
Ghana	Imports	900	700	-200	Sluggish demand
Indonesia	Imports	550	750	200	Government buying to replenish stocks
Iraq	Imports	1,700	1,900	200	Stronger year-to-date pace
Philippines	Imports	3,400	3,500	100	Large recent purchases from Vietnam
Sri Lanka	Imports	725	825	100	Elevated domestic prices
Brazil	Exports	1,100	1,250	150	Increased exports to Mexico, Senegal, and Venezuela
India	Exports	21,000	21,200	200	Competitive prices
Thailand	Exports	7,600	7,900	300	Strong demand from Iraq
Vietnam	Exports	7,000	7,400	400	Large shipments to China and Indonesia

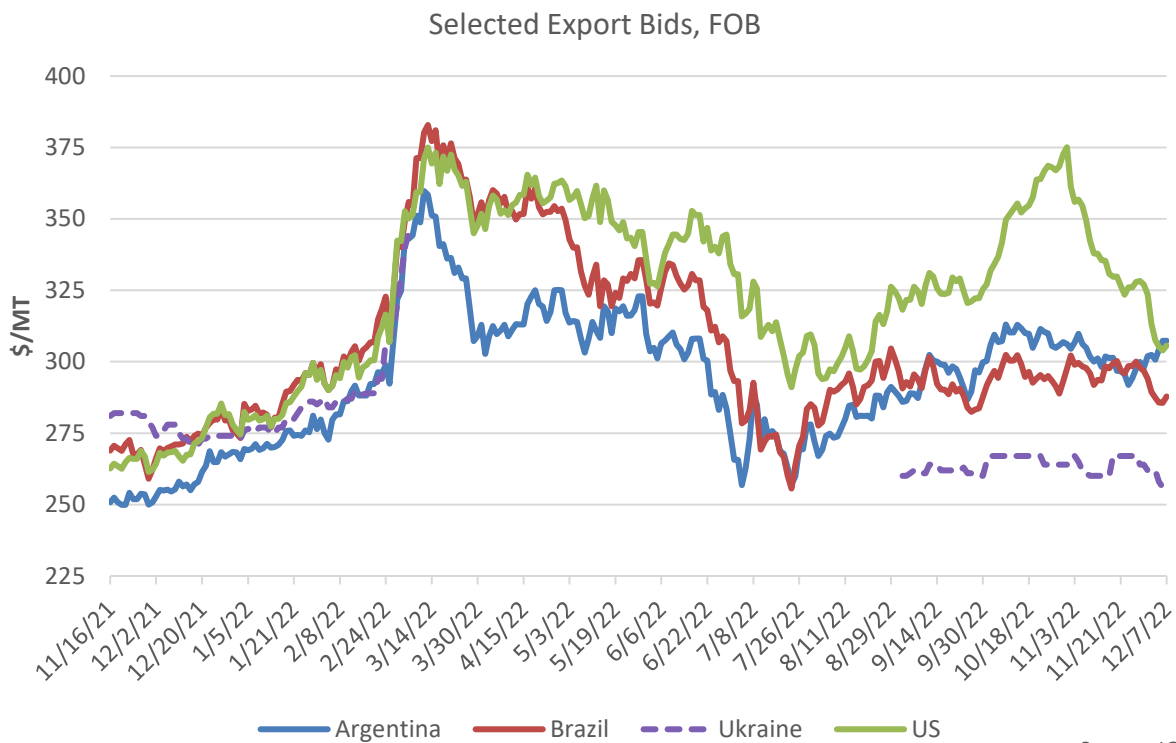
COARSE GRAINS

OVERVIEW FOR 2022/23

Global corn production is forecast lower with smaller crops in Ukraine, Russia, the European Union, and Vietnam. Global trade is forecast down this month as lower exports from the United States, Russia, and the European Union are partially offset by higher exports from Ukraine. Global imports are also forecast down this month as cuts to Canada, Iran, South Korea, Mexico, and Vietnam more than offset larger imports in the European Union. The U.S. season-average farm price is down 10 cents to \$6.70 per bushel.

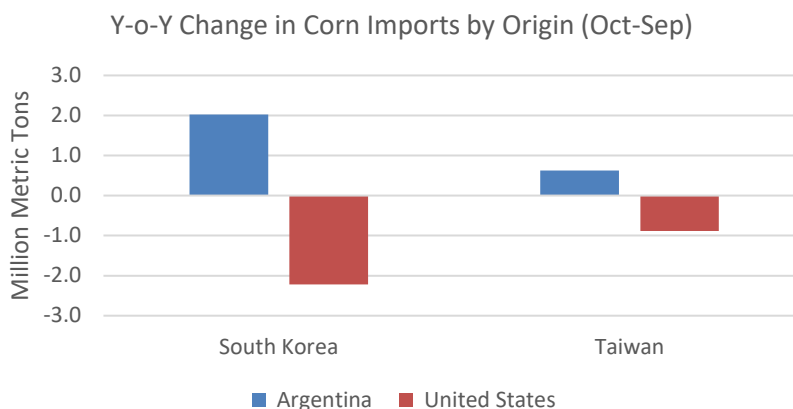
CORN PRICES

Since the November WASDE, major exporters' bids have generally fallen. U.S. bids were down \$53/ton to \$304 with outstanding sales of U.S. corn less than half of the level from a year ago and modestly improving barge rates on the Mississippi River. Brazilian bids were down \$14/ton to \$286. Brazil has exported a record high monthly volume for each month between August and November 2022. Ukrainian bids are down \$9/ton to \$256. The Black Sea Grain Initiative was extended for another 4 months just prior to its original expiry date on November 19, but long inspection times have reportedly slowed the flow of Ukraine corn exports. Argentine bids are unchanged at \$307/ton.



MARKET FEATURE

Argentina Corn Gains Market Share in Taiwan and South Korea on Lower U.S. Exports



Source: Trade Data Monitor, LLC.

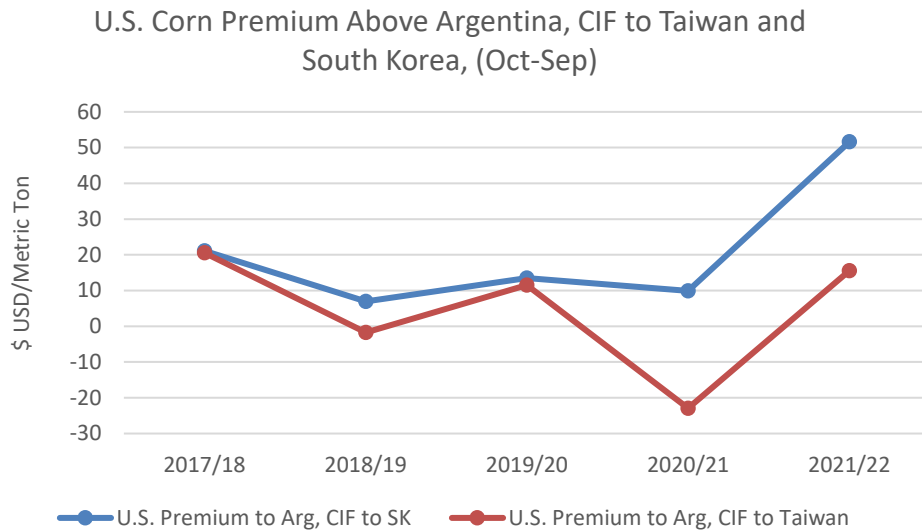
During marketing year 2021/22 (Oct-Sep), two major U.S. markets – South Korea and Taiwan – imported less corn from the United States than 2020/21 while imports from Argentina soared. South Korea imports of U.S. corn fell by 2.2 million tons while rising just over 2 million tons from Argentina. Taiwan imports of U.S. corn declined by 800,000 tons and Argentina corn rose 620,000 tons.

As Argentina has maintained a large harvested area for corn, exportable supplies of corn have stayed strong, allowing Argentina to maintain a price advantage against U.S. corn. Argentina also is an export-oriented country. On average, nearly 75 percent of the Argentina corn crop is exported and is deliberately priced competitively relative to other exporters such as the United States. Currency gains also favor Argentina– the strength of the U.S. dollar is increasing the cost of U.S. corn relative to competitors, while a weaker peso is boosting competitiveness of Argentina corn. While the United States had ample corn production last year, domestic use surged in the United States, tightening exportable supplies. Higher-than-average logistics costs and supply chain bottlenecks in the United States and globally also impacted the competitiveness of U.S. corn.

Quality plays a role in both countries as well, with FAS Seoul and AIT Taipei both noting premiums for low Broken Corn and Foreign Material (BCFM) of just \$1 to \$2 per ton for Argentine corn. Argentina corn producers have limited domestic demand, versus strong international demand for their corn supply, allowing them to cater quality premiums to international corn importers, including South Korea and Taiwan. In contrast, exports are less than 20 percent of use in the United States, with the opposite effect. This alone does not explain shifts in the market but has likely played a part.

The result of these factors were prices that favored Argentine corn. FAS Seoul reported C&F (cost and freight) prices of U.S. PNW corn at \$384/ton in October, with U.S. Gulf prices even higher at \$412/ton. In the same month, prices from Argentina were \$347/ton C&F. AIT Taipei noted that while it is a basis market rather than flat-priced, the trend is the same. In May of 2022, Taiwan's Members Feed Industry bought two 65,000-ton corn consignments, one from Argentina and one from the United States. The shipment from the United States was purchased at an estimated premium of \$4.22 per bushel C&F over

the Chicago September 2022 corn contract, while the shipment from Argentina was purchased at an estimated premium of \$3.47 per bushel C&F.



Source: Trade Data Monitor, LLC.

Landed values for imports from the United States and Argentina also support the notion that cheaper Argentina corn imports were being used to substitute supplies from the United States. Imports of U.S. corn by South Korea averaged \$50/ton CIF higher than Argentina in 2021/22. In the same period, imports of U.S. corn by Taiwan averaged \$16/ton CIF higher than Argentina.

As long as weather and nature cooperate, Argentina will generate sufficient exportable supplies, enabling it to grab market share in price sensitive U.S. markets.

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Barley	Exports	3,000	2,700	-300	Smaller crop
	Sorghum	Exports	2,300	2,100	-200	Weak volumes in Oct/Nov
Australia	Barley	Exports	7,200	7,500	300	Larger crop
Canada	Corn	Imports	1,500	1,000	-500	Lower exports from the United States
China	Sorghum	Imports	7,800	7,100	-700	Lower exports from Argentina and the United States
European Union	Corn	Exports	2,700	2,200	-500	Lower production and early season trade
		Imports	20,000	21,500	1,500	
Iran	Corn	Imports	9,000	8,500	-500	Lower exports from partner countries
Korea, South	Corn	Imports	11,500	11,000	-500	Higher wheat feeding
Mexico	Corn	Imports	17,700	17,200	-500	Lower exports from the United States
Philippines	Corn	Imports	900	700	-200	Smaller U.S. supplies
Russia	Corn	Exports	4,000	3,300	-700	Smaller crop
Turkey	Corn	Imports	2,700	2,500	-200	Lower exports from partner countries
Ukraine	Corn	Exports	15,500	17,500	2,000	Strong EU demand
United States	Corn	Exports	57,000	55,000	-2,000	Weak outstanding sales
	Sorghum	Exports	4,500	4,000	-500	
Vietnam	Corn	Imports	10,500	10,200	-300	Weaker pace of imports

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

Country	Commodity	Attribute	Previous	Current	Change
Colombia	Corn	Imports	6,300	6,512	212
European Union	Corn	Imports	20,000	19,783	-217
Paraguay	Corn	Exports	2,600	3,187	587

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](#) December 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	44.9	7.2	6.1	5.2	358.4	382.9	353.8
Other		724.7	734.5	735.7	502.1	508.9	498.1	770.8	834.0	808.1
World Total		774.5	779.3	780.6	509.3	515.0	503.3	1,129.2	1,216.9	1,161.9
Domestic Consumption										
United States	(Jun-May)	30.4	30.4	29.7	4.9	4.8	4.5	306.7	317.1	305.4
Other		743.4	758.4	753.3	494.0	513.5	511.1	839.6	866.6	859.9
World Total		773.8	788.8	783.0	498.9	518.3	515.6	1,146.3	1,183.7	1,165.3
Ending Stocks										
United States	(Jun-May)	23.0	18.2	15.5	1.4	1.3	1.2	31.4	35.0	31.9
Other		267.3	258.1	251.8	186.6	181.0	167.4	261.1	272.1	266.5
World Total		290.3	276.3	267.3	188.0	182.3	168.6	292.5	307.1	298.4
TY Imports										
United States	(Jun-May)	2.5	2.7	3.1	1.0	1.3	1.4	0.6	0.6	1.3
Other		192.2	197.3	201.0	48.8	53.0	50.8	179.2	186.1	175.3
World Total		194.7	200.0	204.1	49.8	54.3	52.2	179.8	186.7	176.6
TY Exports										
United States	(Jun-May)	26.6	21.5	21.5	2.9	2.3	2.3	68.3	63.0	55.0
Other		172.7	183.6	187.3	48.9	53.6	51.5	115.8	130.6	127.3
World Total		199.3	205.1	208.8	51.8	55.9	53.8	184.1	193.6	182.3

Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere. Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug). 'Marketing Year' column is germane for U.S. wheat only.

World Wheat, Flour, and Products Trade
July/June Year, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23 Nov	2022/23 Dec
TY Exports						
Russia	35,863	34,485	39,100	33,000	42,000	43,000
European Union	24,686	39,788	29,736	31,915	35,000	36,000
Australia	9,835	10,118	19,720	25,958	27,000	28,500
Canada	24,475	22,991	27,723	15,007	26,000	26,000
Ukraine	16,019	21,016	16,851	18,844	11,000	12,500
Kazakhstan	8,780	6,888	8,128	8,455	9,000	9,000
Argentina	12,680	13,608	9,597	17,651	10,000	7,500
Turkey	6,676	6,633	6,571	6,646	6,750	6,750
Brazil	594	408	911	3,105	3,500	3,500
India	494	595	3,597	10,567	3,000	2,750
Others	11,827	11,591	10,803	12,467	11,809	11,759
Subtotal	151,929	168,121	172,737	183,615	185,059	187,259
United States	26,202	26,390	26,573	21,501	21,500	21,500
World Total	178,131	194,511	199,310	205,116	206,559	208,759
TY Imports						
Egypt	12,354	12,811	12,149	11,256	11,000	11,000
Indonesia	10,934	10,586	9,995	11,229	10,700	11,000
Turkey	6,515	11,087	8,051	9,555	10,000	10,000
China	3,145	5,376	10,618	9,568	9,500	9,500
Algeria	7,515	7,145	7,680	8,286	8,400	8,200
Morocco	3,724	4,879	5,191	4,726	7,500	7,500
European Union	5,763	5,551	5,390	4,612	6,000	7,000
Philippines	7,570	7,065	6,113	6,900	6,500	6,700
Nigeria	4,659	5,338	6,586	6,187	6,300	6,100
Bangladesh	5,100	6,800	7,200	6,340	6,000	6,000
Japan	5,726	5,683	5,493	5,605	5,700	5,750
Brazil	7,442	7,063	6,359	6,582	5,900	5,600
Iran	170	2,500	2,200	8,000	6,000	5,500
Korea, South	3,908	3,941	3,889	5,097	4,500	5,000
Mexico	4,861	5,080	4,724	5,326	5,000	5,000
Vietnam	3,500	3,570	3,900	4,527	4,400	4,600
Uzbekistan	2,837	2,746	3,758	3,344	3,600	3,600
Yemen	3,675	3,728	4,043	3,410	3,600	3,600
Iraq	4,031	2,242	2,175	2,576	3,500	3,500
Saudi Arabia	2,902	3,652	2,818	3,052	3,000	3,500
Afghanistan	3,700	3,000	3,400	3,600	3,400	3,400
Pakistan	2	1	3,617	2,210	2,500	3,000
Thailand	2,899	3,501	3,306	2,351	2,700	2,900
Colombia	1,705	2,276	1,906	2,040	2,300	2,300
Kenya	2,000	2,500	2,092	2,083	2,200	2,200
Others	54,259	58,495	59,493	58,848	59,120	58,580
Subtotal	170,896	186,616	192,146	197,310	199,320	201,030
Unaccounted	3,739	5,062	4,656	5,100	4,139	4,629
United States	3,496	2,833	2,508	2,706	3,100	3,100
World Total	178,131	194,511	199,310	205,116	206,559	208,759

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 Nov	2022/23 Dec
Production						
China	131,441	133,600	134,250	136,946	138,000	138,000
European Union	123,124	138,799	126,684	138,216	134,300	134,300
India	99,870	103,600	107,860	109,586	103,000	103,000
Russia	71,685	73,610	85,352	75,158	91,000	91,000
Australia	17,598	14,480	31,923	36,347	34,500	36,600
Canada	32,352	32,670	35,437	22,296	35,000	33,824
Pakistan	25,076	24,349	25,248	27,464	26,400	26,400
Ukraine	25,057	29,171	25,420	33,007	20,500	20,500
Turkey	19,000	17,500	18,250	16,000	17,250	17,250
United Kingdom	13,555	15,600	9,658	13,988	15,400	15,400
Kazakhstan	13,947	11,452	14,256	11,814	14,000	14,000
Iran	14,500	15,550	15,000	12,000	13,200	13,200
Argentina	19,500	19,750	17,640	22,150	15,500	12,500
Egypt	8,450	8,770	8,900	9,000	9,800	9,800
Brazil	5,428	5,200	6,250	7,700	9,400	9,500
Others	59,031	64,825	62,668	62,856	60,523	60,413
Subtotal	679,614	708,926	724,796	734,528	737,773	735,687
United States	51,306	52,581	49,751	44,804	44,902	44,902
World Total	730,920	761,507	774,547	779,332	782,675	780,589
Total Consumption						
China	125,000	126,000	150,000	148,000	144,000	144,000
European Union	106,300	107,250	104,750	108,250	109,250	108,250
India	95,629	95,403	102,217	109,878	104,000	104,000
Russia	40,500	40,000	42,500	42,750	45,000	45,000
Pakistan	25,400	25,500	26,300	27,700	29,000	29,200
Egypt	20,100	20,300	20,500	20,500	20,600	20,600
Turkey	18,800	20,000	20,600	20,200	20,500	20,500
Iran	16,100	17,200	17,400	18,200	18,400	17,800
United Kingdom	15,417	15,196	13,455	15,400	15,800	15,800
Brazil	11,900	11,900	11,800	11,750	11,800	11,700
Algeria	10,750	10,950	11,150	11,370	11,570	11,370
Indonesia	10,600	10,300	10,100	10,500	10,500	10,800
Morocco	10,700	10,400	10,400	10,600	10,600	10,600
Ukraine	8,800	8,300	8,700	10,000	10,700	9,700
Uzbekistan	8,800	9,000	8,900	8,450	8,600	8,600
Others	177,424	182,109	184,635	184,893	185,034	185,309
Subtotal	704,270	715,405	752,005	762,998	761,419	759,784
United States	29,986	30,437	30,412	30,403	29,747	29,747
World Total	734,256	745,842	782,417	793,401	791,166	789,531
Ending Stocks						
China	138,088	150,015	144,120	141,759	144,359	144,359
Russia	7,778	7,228	11,380	11,088	15,388	14,388
India	16,992	24,700	27,800	19,500	12,025	12,275
European Union	15,798	13,110	10,698	13,361	9,481	10,411
Iran	4,936	4,786	4,336	5,086	5,486	5,586
Algeria	5,219	5,358	4,992	4,406	4,931	4,931
Pakistan	2,533	991	3,056	4,530	4,130	4,430
Others	61,813	64,035	60,955	58,327	56,481	55,406
Subtotal	253,157	270,223	267,337	258,057	252,281	251,786
United States	29,386	27,985	23,001	18,212	15,541	15,541
World Total	282,543	298,208	290,338	276,269	267,822	267,327

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Nov 2022/23	Dec 2022/23
TY Imports						
North America	8,833	8,589	7,781	8,589	8,700	8,700
Central America	1,928	2,074	2,147	2,081	2,300	2,200
South America	14,955	15,537	15,246	14,763	14,870	14,570
European Union	5,763	5,551	5,390	4,612	6,000	7,000
Other Europe	4,663	3,533	4,799	4,412	3,560	3,560
Former Soviet Union - 12	7,841	8,034	9,416	10,271	9,350	9,310
Middle East	24,687	31,100	27,184	34,872	35,360	35,360
North Africa	26,956	27,991	28,246	27,263	30,200	29,900
Sub-Saharan Africa	22,572	26,953	26,581	26,337	26,285	25,935
East Asia	15,011	17,270	22,206	22,164	21,680	22,230
South Asia	10,059	11,307	16,137	13,530	13,435	13,935
Southeast Asia	27,757	27,561	26,050	27,939	27,200	28,100
Others	3,367	3,949	3,471	3,183	3,480	3,330
Total	174,392	189,449	194,654	200,016	202,420	204,130
Production						
North America	86,658	88,521	88,153	70,381	83,472	82,296
South America	28,859	28,773	27,853	33,586	28,982	25,957
European Union	123,124	138,799	126,684	138,216	134,300	134,300
Other Europe	18,129	19,831	14,080	18,582	20,040	20,040
Former Soviet Union - 12	123,432	129,099	139,464	133,965	139,770	139,770
Middle East	38,879	43,246	43,399	34,503	36,940	36,955
North Africa	21,002	18,399	15,810	20,431	17,600	17,600
Sub-Saharan Africa	8,283	8,431	9,456	9,389	9,694	9,694
East Asia	132,834	135,094	135,744	138,735	139,721	139,721
South Asia	131,655	136,335	141,426	144,656	137,101	137,101
Oceania	17,969	14,878	32,377	36,788	34,955	37,055
Others	96	101	101	100	100	100
Total	730,920	761,507	774,547	779,332	782,675	780,589
Domestic Consumption						
North America	46,606	47,587	46,712	47,822	46,447	45,897
South America	28,695	29,365	29,585	29,181	29,695	29,595
European Union	106,300	107,250	104,750	108,250	109,250	108,250
Other Europe	20,697	20,421	18,725	20,650	21,210	21,240
Former Soviet Union - 12	76,435	75,560	78,545	79,235	82,455	81,415
Middle East	59,919	62,860	64,322	63,689	64,610	64,310
North Africa	46,100	46,250	46,620	47,020	47,520	47,220
Sub-Saharan Africa	30,319	32,975	34,583	34,628	34,918	34,568
East Asia	137,750	138,638	162,368	161,093	156,795	157,395
South Asia	138,996	139,880	148,353	157,455	151,851	152,051
Southeast Asia	26,165	26,355	25,980	26,265	26,240	27,175
Oceania	10,610	9,410	9,460	10,040	10,025	10,025
Others	3,614	3,694	3,816	3,516	4,085	3,835
Total	732,206	740,245	773,819	788,844	785,101	782,976
Ending Stocks						
North America	36,030	33,869	29,216	22,405	20,302	19,678
South America	5,876	6,886	6,882	5,682	5,285	4,610
European Union	15,798	13,110	10,698	13,361	9,481	10,411
Other Europe	3,224	3,850	2,494	2,663	3,091	3,093
Former Soviet Union - 12	14,883	13,141	18,239	21,267	24,222	22,722
Middle East	14,412	17,849	16,884	14,251	14,326	14,686
North Africa	15,537	14,357	11,242	10,856	10,780	10,636
Sub-Saharan Africa	2,926	4,220	4,486	4,418	4,320	4,319
East Asia	141,028	152,906	146,908	144,980	147,856	147,806
South Asia	21,466	28,203	34,242	26,305	18,105	18,655
Southeast Asia	6,186	6,240	5,124	5,527	5,250	5,307
Oceania	4,769	3,029	3,309	3,890	4,080	4,680
Others	408	548	614	664	724	724
Total	282,543	298,208	290,338	276,269	267,822	267,327

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 Nov	2022/23 Dec
TY Exports						
Argentina	388	335	400	400	350	350
Australia	134	42	72	200	280	225
Brazil	954	1,240	782	1,250	1,000	900
Burma	2,700	2,300	1,900	2,300	2,400	2,400
Cambodia	1,350	1,350	1,850	1,600	1,500	1,500
China	2,720	2,265	2,407	2,250	2,200	2,200
European Union	506	543	413	440	420	400
Guyana	511	552	406	430	450	450
India	9,813	14,577	21,238	21,200	19,500	20,000
Pakistan	4,550	3,934	3,928	4,800	4,000	4,000
Paraguay	689	803	640	700	700	700
Thailand	7,562	5,706	6,062	7,900	8,200	8,500
Turkey	202	234	241	250	230	230
Uruguay	809	969	704	950	900	900
Vietnam	6,581	6,167	6,272	7,400	7,200	7,400
Others	1,309	1,486	1,605	1,610	1,355	1,355
Subtotal	40,778	42,503	48,920	53,680	50,685	51,510
United States	3,142	2,857	2,917	2,250	2,300	2,250
World Total	43,920	45,360	51,837	55,930	52,985	53,760
TY Imports						
Brazil	691	876	685	850	850	850
China	2,800	3,200	4,921	6,200	5,000	5,200
Cote d'Ivoire	1,350	1,100	1,450	1,600	1,500	1,500
Ethiopia	520	700	850	950	950	950
European Union	1,799	1,999	1,862	2,500	2,500	2,650
Ghana	900	850	1,050	700	950	950
Guinea	530	670	940	800	800	800
Indonesia	600	550	650	750	550	750
Iran	1,400	1,125	875	1,200	1,200	1,200
Iraq	1,263	970	1,280	1,900	1,500	1,600
Japan	678	676	662	685	685	685
Kenya	610	600	620	650	650	650
Malaysia	1,000	1,220	1,160	1,200	1,200	1,200
Mexico	740	843	759	775	800	800
Mozambique	635	655	700	600	700	700
Nepal	620	980	1,260	900	1,100	1,100
Nigeria	1,800	1,800	2,100	2,400	2,200	2,200
Philippines	2,900	2,450	2,950	3,500	3,300	3,400
Saudi Arabia	1,425	1,613	1,200	1,300	1,300	1,300
Senegal	1,000	1,050	1,250	1,500	1,100	1,100
South Africa	944	1,000	1,000	1,000	1,025	1,025
Sri Lanka	24	16	147	825	500	700
United Arab Emirates	850	850	750	900	950	950
United Kingdom	587	695	604	650	660	660
Vietnam	500	400	1,800	1,400	700	700
Others	15,183	15,800	17,334	17,255	17,059	17,149
Subtotal	41,349	42,688	48,859	52,990	49,729	50,769
Unaccounted	1,589	1,462	2,000	1,640	1,831	1,566
United States	982	1,210	978	1,300	1,425	1,425
World Total	43,920	45,360	51,837	55,930	52,985	53,760

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 Nov	2022/23 Dec
Milled Production						
China	148,490	146,730	148,300	148,990	147,000	147,000
India	116,480	118,870	124,370	130,290	124,000	124,000
Bangladesh	34,909	35,850	34,600	35,850	35,650	35,650
Indonesia	34,200	34,700	34,500	34,400	34,600	34,600
Vietnam	27,344	27,100	27,381	26,944	27,225	27,225
Thailand	20,340	17,655	18,863	19,878	20,100	20,100
Burma	13,200	12,650	12,600	12,352	12,500	12,500
Philippines	11,732	11,927	12,416	12,540	12,411	12,411
Japan	7,657	7,611	7,570	7,665	7,450	7,450
Brazil	7,140	7,602	8,001	7,337	7,300	7,235
Pakistan	7,202	7,414	8,420	9,100	6,600	6,600
Cambodia	5,742	5,740	5,739	5,771	5,933	5,933
Nigeria	5,294	5,314	5,148	5,255	5,040	5,040
Korea, South	3,868	3,744	3,507	3,882	3,800	3,763
Nepal	3,736	3,696	3,743	3,730	3,620	3,620
Others	43,780	46,670	46,942	44,975	45,243	44,924
Subtotal	491,114	493,273	502,100	508,959	498,472	498,051
United States	7,107	5,877	7,224	6,090	5,218	5,218
World Total	498,221	499,150	509,324	515,049	503,690	503,269
Consumption and Residual						
China	142,920	145,230	150,293	156,360	155,000	155,000
India	99,160	101,950	101,054	111,290	109,000	108,500
Bangladesh	35,400	35,700	36,100	36,500	36,800	36,800
Indonesia	36,300	36,000	35,400	35,300	35,500	35,500
Vietnam	21,200	21,250	21,450	21,500	21,500	21,500
Philippines	14,100	14,300	14,450	15,400	15,600	15,600
Thailand	11,800	12,300	12,700	12,800	12,900	12,800
Burma	10,250	10,400	10,500	10,400	10,300	10,300
Japan	8,400	8,350	8,150	8,200	8,200	8,200
Nigeria	6,950	7,050	7,150	7,350	7,450	7,450
Brazil	7,350	7,300	7,350	7,200	7,250	7,200
Nepal	4,376	4,521	4,968	4,730	4,720	4,720
Cambodia	4,300	4,350	4,250	4,250	4,300	4,300
Egypt	4,200	4,300	4,300	4,050	4,100	4,100
Korea, South	4,572	4,100	4,000	3,950	4,000	4,000
Others	69,263	71,273	71,972	74,241	75,227	75,164
Subtotal	480,492	489,380	498,621	515,975	513,260	512,404
United States	4,577	4,586	4,860	4,806	4,509	4,508
World Total	485,069	493,966	503,481	520,781	517,769	516,912
Ending Stocks						
China	115,000	116,500	116,500	113,000	107,800	108,000
India	29,500	33,900	37,000	34,000	29,500	29,500
Philippines	3,520	3,597	3,763	4,503	4,614	4,714
Indonesia	4,063	3,313	3,060	2,910	2,510	2,760
Thailand	4,080	3,979	4,280	3,583	3,033	2,533
Japan	2,046	1,980	1,937	1,979	1,787	1,794
Nigeria	1,828	1,492	1,690	1,995	1,785	1,785
Others	15,529	16,503	18,400	19,054	16,850	16,347
Subtotal	175,566	181,264	186,630	181,024	167,879	167,433
United States	1,424	910	1,387	1,261	1,145	1,209
World Total	176,990	182,174	188,017	182,285	169,024	168,642

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	Nov 2022/23	Dec 2022/23
TY Imports						
North America	2,143	2,530	2,147	2,625	2,700	2,750
Caribbean	1,076	1,211	1,013	967	1,005	1,035
South America	1,921	2,287	1,753	1,942	2,110	2,110
Other Europe	707	818	714	730	785	785
Former Soviet Union - 12	569	517	585	509	595	595
Middle East	7,205	6,957	6,158	7,435	7,220	7,280
North Africa	1,022	575	595	1,070	875	850
Sub-Saharan Africa	13,815	14,315	15,965	17,220	16,735	16,780
East Asia	4,404	4,805	6,562	7,845	6,695	6,895
South Asia	951	1,405	4,389	2,905	2,557	2,757
Southeast Asia	5,815	5,399	7,249	7,487	6,382	6,682
European Union	1,799	1,999	1,862	2,500	2,500	2,650
Total	42,331	43,898	49,837	54,290	51,154	52,194
Production						
North America	7,295	6,052	7,425	6,271	5,406	5,406
Caribbean	1,010	957	886	885	871	871
South America	15,964	16,327	17,150	16,245	16,507	16,442
European Union	1,843	1,888	1,826	1,723	1,348	1,285
Former Soviet Union - 12	1,271	1,414	1,426	1,345	1,236	1,236
Middle East	2,616	2,950	2,896	2,691	2,840	2,840
North Africa	2,844	4,345	4,042	2,945	3,642	3,642
Sub-Saharan Africa	20,117	20,742	20,595	20,950	20,693	20,693
East Asia	162,732	161,159	162,001	163,097	160,807	160,770
South Asia	165,688	169,414	174,866	182,043	172,600	172,600
Southeast Asia	116,064	113,198	115,200	115,616	116,520	116,520
Total	498,221	499,150	509,324	515,049	503,690	503,269
Domestic Consumption						
North America	5,911	5,982	6,232	6,224	5,949	5,998
Central America	1,358	1,379	1,336	1,391	1,401	1,381
Caribbean	2,107	2,018	1,945	1,859	1,871	1,901
South America	14,895	14,852	14,965	14,886	15,076	14,973
European Union	3,246	3,394	3,400	3,500	3,550	3,550
Former Soviet Union - 12	1,574	1,641	1,717	1,675	1,675	1,675
Middle East	9,192	9,406	9,086	9,340	9,750	9,725
North Africa	4,591	4,604	4,625	4,368	4,467	4,442
Sub-Saharan Africa	33,628	34,453	35,432	37,298	37,596	37,591
East Asia	158,933	161,013	165,380	171,430	170,200	170,200
South Asia	145,673	149,409	149,817	160,410	158,300	157,800
Southeast Asia	102,952	103,718	103,901	104,826	105,326	105,226
Total	485,118	492,960	498,947	518,327	516,356	515,642
Ending Stocks						
North America	1,574	1,081	1,591	1,416	1,298	1,362
Central America	338	359	246	281	274	264
Caribbean	301	327	327	340	333	333
South America	2,002	1,712	2,299	1,626	1,706	1,610
European Union	942	917	682	921	799	906
Middle East	1,238	1,804	1,533	1,674	1,834	1,839
North Africa	949	1,232	1,150	645	690	690
Sub-Saharan Africa	3,597	3,082	3,091	3,958	3,445	3,495
East Asia	118,766	120,224	120,098	116,966	111,727	111,906
South Asia	32,170	37,007	40,944	39,277	32,866	33,066
Southeast Asia	14,880	14,112	15,656	14,613	13,439	12,689
Oceania	52	15	93	281	350	219
Total	176,990	182,174	188,017	182,285	169,024	168,642

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 Nov	2022/23 Dec
TY Exports						
Argentina	36,134	42,943	40,977	44,418	45,301	44,801
Australia	4,049	3,627	9,705	11,329	10,175	10,475
Brazil	38,812	34,141	27,504	32,456	46,525	46,525
Canada	5,805	5,278	7,221	5,536	6,550	6,675
European Union	10,412	13,492	12,553	12,779	9,270	8,770
India	537	1,158	3,735	3,484	2,855	2,855
Paraguay	2,568	2,089	2,564	3,208	2,805	2,805
Russia	7,402	9,292	9,871	7,375	9,650	8,950
South Africa	1,191	2,465	2,756	3,841	3,410	3,410
Ukraine	34,874	34,088	29,049	29,895	17,930	19,930
Others	13,329	13,603	13,567	12,319	9,438	9,348
Subtotal	155,113	162,176	159,502	166,640	163,909	164,544
United States	51,838	52,632	75,623	70,435	61,685	59,185
World Total	206,951	214,808	235,125	237,075	225,594	223,729
TY Imports						
Algeria	5,301	5,649	5,004	3,965	4,510	4,510
Bangladesh	1,385	2,010	1,847	2,456	2,208	2,208
Brazil	1,797	1,995	2,679	4,068	1,800	1,800
Chile	2,431	2,838	2,557	2,564	2,595	2,595
China	10,540	17,480	50,531	41,499	35,150	34,450
Colombia	6,390	6,285	6,132	6,846	6,301	6,301
Egypt	9,568	10,439	9,653	9,733	9,210	9,210
European Union	26,290	18,666	15,820	21,627	21,360	22,860
Guatemala	1,224	1,527	1,346	1,612	1,600	1,600
Iran	12,200	9,102	10,902	10,102	11,500	11,000
Israel	1,910	2,398	1,998	2,172	1,880	1,880
Japan	17,726	17,633	16,980	16,503	16,465	16,465
Jordan	1,694	1,471	1,414	1,738	1,600	1,600
Korea, South	10,964	11,978	11,804	11,607	11,600	11,100
Malaysia	3,690	3,806	3,726	3,697	3,825	3,825
Mexico	17,415	17,576	17,301	18,486	18,570	18,070
Morocco	2,922	4,062	2,937	2,774	3,012	3,012
Peru	3,875	4,090	3,851	3,659	3,951	3,951
Saudi Arabia	9,377	11,821	9,128	8,778	8,710	8,710
Taiwan	4,610	4,660	4,472	4,643	4,580	4,580
Thailand	1,406	2,287	2,889	1,575	2,200	2,100
Tunisia	1,418	1,660	1,902	1,635	1,650	1,650
Turkey	4,044	4,011	3,421	5,863	3,500	3,300
United Kingdom	2,965	2,589	2,695	2,633	1,952	1,952
Vietnam	11,033	12,198	11,947	9,653	11,200	10,900
Others	24,354	25,105	24,257	28,749	24,478	23,798
Subtotal	196,529	203,336	227,193	228,637	215,407	213,427
Unaccounted	7,797	8,480	5,402	5,787	7,036	7,026
United States	2,625	2,992	2,530	2,651	3,151	3,276
World Total	206,951	214,808	235,125	237,075	225,594	223,729

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 Nov	2022/23 Dec
Production						
Argentina	58,798	57,940	60,010	61,159	64,111	63,811
Australia	11,508	12,003	18,560	18,757	17,469	18,169
Brazil	104,334	105,815	90,321	120,621	130,536	130,536
Canada	26,203	28,611	29,644	24,427	29,715	30,535
China	265,006	269,067	269,083	280,852	282,300	282,300
Ethiopia	17,929	18,406	19,095	17,200	18,200	18,200
European Union	140,703	152,817	155,458	154,407	136,665	135,675
India	43,212	47,660	51,387	51,206	49,800	49,800
Indonesia	12,000	12,000	12,600	12,700	12,900	12,900
Mexico	33,470	32,095	32,662	32,785	33,495	33,495
Nigeria	19,600	21,304	20,895	21,392	21,180	21,180
Russia	34,998	40,495	41,396	38,538	42,000	41,000
South Africa	12,417	16,367	17,814	16,599	17,253	17,243
Turkey	13,251	14,451	15,761	11,581	14,471	14,471
Ukraine	44,503	46,545	39,585	53,514	38,960	34,460
Others	187,083	184,979	194,030	189,245	185,711	185,077
Subtotal	1,025,015	1,060,555	1,068,301	1,104,983	1,094,766	1,088,852
United States	377,905	359,434	372,887	397,710	364,770	364,770
World Total	1,402,920	1,419,989	1,441,188	1,502,693	1,459,536	1,453,622
Domestic Consumption						
Argentina	17,791	17,575	17,020	18,644	17,666	17,666
Brazil	70,983	72,844	73,855	78,176	81,986	81,986
Canada	24,114	24,930	24,647	25,122	24,995	24,913
China	287,812	296,210	313,107	320,025	320,550	319,850
Egypt	17,186	17,979	17,265	17,881	17,268	17,268
Ethiopia	18,161	18,451	19,144	17,625	18,325	18,325
European Union	158,504	158,938	159,408	159,891	151,728	152,981
India	44,571	45,775	47,546	47,795	48,170	48,170
Iran	16,520	14,621	15,320	14,720	15,721	15,221
Japan	17,953	17,867	17,290	16,832	16,746	16,746
Mexico	50,505	50,310	49,835	50,765	51,360	51,060
Nigeria	19,829	20,689	20,955	21,172	21,600	21,600
Russia	27,367	31,387	31,042	31,109	32,400	32,100
Turkey	16,651	17,761	18,051	17,697	17,281	17,081
Vietnam	14,333	14,750	17,200	15,300	15,000	14,250
Others	281,588	287,954	298,458	291,697	296,399	293,025
Subtotal	1,100,836	1,113,985	1,139,878	1,165,026	1,153,645	1,148,771
United States	322,984	320,685	315,967	326,150	314,105	314,724
World Total	1,423,820	1,434,670	1,455,845	1,491,176	1,467,750	1,463,495
Ending Stocks						
Australia	2,427	3,005	2,980	3,264	3,160	3,060
Brazil	5,671	5,821	4,601	5,477	8,808	8,802
Canada	3,288	3,983	3,609	3,677	3,389	3,666
China	210,660	200,956	207,455	209,773	206,623	206,623
European Union	14,505	14,155	14,624	16,769	13,852	13,793
Mexico	5,784	4,138	3,604	3,932	4,036	3,836
Ukraine	2,043	2,550	1,654	6,174	10,939	7,957
Others	47,114	50,844	50,085	47,368	43,101	42,108
Subtotal	291,492	285,452	288,612	296,434	293,908	289,845
United States	60,471	51,830	34,013	37,708	32,518	34,424
World Total	351,963	337,282	322,625	334,142	326,426	324,269

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Nov 2022/23	Dec 2022/23
TY Imports						
North America	22,610	22,540	21,702	27,478	23,263	22,388
Central America	4,352	4,904	4,734	5,439	5,250	5,250
Caribbean	2,379	2,275	2,399	2,191	2,573	2,573
South America	15,686	16,998	16,844	18,736	16,128	16,128
European Union	26,290	18,666	15,820	21,627	21,360	22,860
Former Soviet Union - 12	1,025	1,134	771	764	601	601
Middle East	34,087	34,026	32,549	33,002	32,401	31,701
North Africa	20,782	23,551	21,221	19,532	19,832	19,832
Sub-Saharan Africa	3,494	3,858	3,557	4,012	3,606	3,606
East Asia	43,904	51,829	83,826	74,302	67,840	66,640
Southeast Asia	17,880	19,968	20,201	17,316	20,020	19,420
Others	6,665	6,579	6,099	6,889	5,684	5,704
Total	199,154	206,328	229,723	231,288	218,558	216,703
Production						
North America	437,578	420,140	435,193	454,922	427,980	428,800
South America	178,754	178,266	164,879	198,284	210,736	210,336
European Union	140,703	152,817	155,458	154,407	136,665	135,675
Other Europe	18,625	20,815	21,796	18,158	17,595	17,595
Former Soviet Union - 12	93,534	101,456	94,724	105,134	93,556	88,056
Middle East	19,435	24,133	25,312	18,143	21,322	21,322
North Africa	13,260	11,240	9,767	12,834	11,349	11,349
Sub-Saharan Africa	123,553	123,744	133,340	127,097	129,182	129,172
East Asia	268,321	272,189	271,807	283,675	285,159	285,085
South Asia	57,684	64,124	69,562	70,752	68,334	68,334
Southeast Asia	34,820	33,928	35,693	35,408	35,230	34,770
Oceania	12,104	12,610	19,111	19,310	18,053	18,753
Others	4,549	4,527	4,546	4,569	4,375	4,375
Total	1,402,920	1,419,989	1,441,188	1,502,693	1,459,536	1,453,622
Domestic Consumption						
North America	397,603	395,925	390,449	402,037	390,460	390,697
South America	115,248	117,479	118,113	124,256	127,263	127,263
European Union	158,504	158,938	159,408	159,891	151,728	152,981
Other Europe	18,010	18,650	20,684	18,936	18,248	18,248
Former Soviet Union - 12	51,017	56,378	56,609	59,271	60,503	57,203
Middle East	55,042	56,210	55,689	52,514	53,357	52,657
North Africa	32,441	35,511	32,790	32,024	31,355	31,355
Sub-Saharan Africa	125,849	123,881	130,454	125,358	130,637	130,612
East Asia	324,369	333,520	349,432	355,766	356,219	354,945
South Asia	60,929	63,668	68,463	69,459	69,709	69,729
Southeast Asia	48,225	48,472	53,412	51,227	51,519	50,474
Oceania	8,139	8,310	8,791	7,898	8,083	8,583
Others	11,476	11,784	11,816	11,964	12,219	12,219
Total	1,406,852	1,428,726	1,456,110	1,470,601	1,461,300	1,456,966
Ending Stocks						
North America	69,543	59,951	41,226	45,317	39,943	41,926
South America	12,820	13,730	9,616	10,648	14,493	13,901
European Union	14,505	14,155	14,624	16,769	13,852	13,793
Other Europe	2,827	3,013	2,946	2,712	2,227	2,225
Former Soviet Union - 12	4,973	6,275	5,221	9,596	14,189	11,217
Middle East	5,563	6,441	6,282	5,182	4,944	4,938
North Africa	3,748	3,490	2,551	3,004	2,874	2,825
Sub-Saharan Africa	11,273	11,240	12,924	13,303	10,974	10,946
East Asia	215,242	205,707	211,900	214,103	210,864	210,833
South Asia	3,766	5,068	5,743	5,547	4,185	4,236
Southeast Asia	4,037	4,183	5,616	3,644	3,729	3,377
Oceania	2,516	3,098	3,084	3,368	3,239	3,139
Others	1,150	931	892	949	913	913
Total	351,963	337,282	322,625	334,142	326,426	324,269

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 Nov	2022/23 Dec
TY Exports						
Argentina	32,879	39,917	36,544	38,853	40,000	40,000
Brazil	38,773	34,137	27,492	32,439	46,500	46,500
Burma	1,500	2,209	2,400	2,450	2,450	2,450
Canada	1,719	712	1,592	2,199	1,600	1,600
European Union	4,273	5,388	3,735	6,000	2,700	2,200
India	482	1,125	3,677	3,442	2,800	2,800
Paraguay	2,559	2,081	2,563	3,187	2,800	2,800
Russia	2,770	4,072	3,989	4,000	4,000	3,300
South Africa	1,183	2,456	2,751	3,830	3,400	3,400
Ukraine	30,321	28,929	23,864	26,980	15,500	17,500
Others	7,830	7,810	7,170	7,239	4,727	4,727
Subtotal	124,289	128,836	115,777	130,619	126,477	127,277
United States	49,297	47,035	68,293	62,978	57,000	55,000
World Total	173,586	175,871	184,070	193,597	183,477	182,277
TY Imports						
Algeria	4,831	5,133	4,215	3,273	4,000	4,000
Bangladesh	1,358	2,003	1,838	2,456	2,200	2,200
Brazil	1,189	1,346	2,281	3,320	1,300	1,300
Chile	2,292	2,751	2,333	2,497	2,400	2,400
China	4,483	7,580	29,512	21,884	18,000	18,000
Colombia	6,048	5,976	5,795	6,512	6,000	6,000
Dominican Republic	1,536	1,354	1,495	1,419	1,550	1,550
Egypt	9,367	10,432	9,633	9,725	9,200	9,200
European Union	23,583	17,384	14,493	19,783	20,000	21,500
Guatemala	1,224	1,527	1,346	1,612	1,600	1,600
Indonesia	1,015	860	945	1,165	1,200	1,200
Iran	9,000	6,800	7,200	8,600	9,000	8,500
Israel	1,611	1,992	1,493	1,826	1,500	1,500
Japan	16,050	15,888	15,479	15,000	15,000	15,000
Korea, South	10,856	11,882	11,708	11,500	11,500	11,000
Malaysia	3,674	3,777	3,700	3,678	3,800	3,800
Mexico	16,658	16,526	16,498	17,572	17,700	17,200
Morocco	2,622	2,976	2,474	1,963	2,500	2,500
Peru	3,726	3,938	3,679	3,527	3,800	3,800
Saudi Arabia	3,670	4,511	3,017	4,071	4,000	4,000
Taiwan	4,508	4,580	4,386	4,552	4,500	4,500
Thailand	1,200	1,602	1,846	1,487	1,700	1,700
Turkey	3,669	3,004	1,787	3,784	2,700	2,500
United Kingdom	2,847	2,461	2,546	2,517	1,800	1,800
Vietnam	10,900	12,000	11,200	9,100	10,500	10,200
Others	19,180	20,500	18,299	23,274	19,054	18,374
Subtotal	167,097	168,783	179,198	186,097	176,504	175,324
Unaccounted	5,689	6,129	4,243	6,893	5,723	5,703
United States	800	959	629	607	1,250	1,250
World Total	173,586	175,871	184,070	193,597	183,477	182,277

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 Nov	2022/23 Dec
Production						
Argentina	51,000	51,000	52,000	51,500	55,000	55,000
Brazil	101,000	102,000	87,000	116,000	126,000	126,000
Canada	13,885	13,404	13,563	13,984	14,500	14,539
China	257,174	260,779	260,670	272,552	274,000	274,000
Ethiopia	10,120	9,636	10,557	9,400	10,200	10,200
European Union	64,351	66,742	67,440	70,979	54,800	54,200
India	27,715	28,766	31,647	33,600	32,000	32,000
Indonesia	12,000	12,000	12,600	12,700	12,900	12,900
Mexico	27,671	26,658	27,346	26,762	27,600	27,600
Nigeria	11,000	12,700	12,400	12,745	12,180	12,180
Pakistan	6,826	7,883	8,940	10,635	9,200	9,200
Philippines	7,608	8,030	8,352	8,344	7,900	7,900
Russia	11,415	14,275	13,872	15,225	15,000	14,000
South Africa	11,824	15,844	16,951	16,100	16,700	16,700
Ukraine	35,805	35,887	30,297	42,126	31,500	27,000
Others	115,026	111,578	117,121	121,321	115,069	114,609
Subtotal	764,420	777,182	770,756	833,973	814,549	808,028
United States	364,262	345,962	358,447	382,893	353,836	353,836
World Total	1,128,682	1,123,144	1,129,203	1,216,866	1,168,385	1,161,864
Total Consumption						
Argentina	13,800	13,500	13,500	14,700	14,000	14,000
Brazil	67,000	68,500	70,000	73,000	77,000	77,000
Canada	15,088	13,958	13,976	17,357	15,000	14,500
China	274,000	278,000	285,000	291,000	295,000	295,000
Egypt	16,200	16,900	16,400	17,000	16,400	16,400
European Union	85,000	79,000	77,700	82,700	74,700	76,100
India	28,500	27,200	27,850	29,900	30,100	30,100
Indonesia	12,900	12,600	13,300	13,800	14,100	14,100
Japan	16,000	15,950	15,450	15,050	15,000	15,000
Korea, South	10,947	11,795	11,780	11,550	11,550	11,050
Mexico	44,100	43,800	43,800	44,000	44,500	44,200
Nigeria	11,300	12,100	12,500	12,600	12,800	12,800
Russia	8,500	9,800	10,000	11,100	11,200	10,900
South Africa	12,536	12,200	13,220	13,100	13,300	13,300
Vietnam	14,200	14,550	16,450	14,750	14,300	13,550
Others	191,038	194,219	198,695	204,978	205,769	201,894
Subtotal	837,185	828,793	837,389	885,193	869,855	865,104
United States	310,391	309,504	306,686	317,115	305,448	305,449
World Total	1,147,576	1,138,297	1,144,075	1,202,308	1,175,303	1,170,553
Ending Stocks						
Brazil	5,311	5,328	4,153	4,953	8,253	8,253
Canada	1,979	2,560	2,169	2,746	2,146	2,185
China	210,179	200,526	205,704	209,137	206,117	206,117
European Union	7,644	7,382	7,880	9,942	7,359	7,342
Korea, South	1,835	1,998	2,018	2,063	2,075	2,092
Mexico	5,160	3,515	3,079	3,163	3,363	3,163
Ukraine	891	1,478	832	5,093	9,873	6,893
Others	33,151	35,863	35,342	35,021	31,553	30,434
Subtotal	266,150	258,650	261,177	272,118	270,739	266,479
United States	56,410	48,757	31,358	34,975	30,020	31,925
World Total	322,560	307,407	292,535	307,093	300,759	298,404

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Nov 2022/23	Dec 2022/23
TY Imports						
North America	19,979	19,352	18,677	24,287	20,450	19,450
Central America	4,352	4,904	4,734	5,439	5,250	5,250
South America	14,349	15,696	15,639	17,393	14,920	14,920
European Union	23,583	17,384	14,493	19,783	20,000	21,500
Former Soviet Union - 12	588	564	323	409	285	285
Middle East	22,150	21,028	17,891	21,706	21,510	20,810
North Africa	18,440	20,296	17,868	16,563	17,300	17,300
Sub-Saharan Africa	2,793	3,111	2,871	3,434	2,923	2,923
East Asia	35,961	40,008	61,124	52,986	49,045	48,545
Southeast Asia	17,483	19,007	18,162	16,174	18,265	17,765
Caribbean	2,377	2,275	2,396	2,187	2,570	2,570
Others	5,842	6,117	5,649	6,343	5,236	5,256
Total	167,897	169,742	179,827	186,704	177,754	176,574
Production						
North America	405,818	386,024	399,356	423,639	395,936	395,975
South America	164,749	164,604	149,898	180,435	193,570	193,570
European Union	64,351	66,742	67,440	70,979	54,800	54,200
Other Europe	9,411	9,470	10,316	7,629	7,085	7,085
Former Soviet Union - 12	53,119	56,120	48,974	63,659	51,775	46,275
Middle East	7,319	7,945	9,060	8,469	8,424	8,424
North Africa	6,919	6,441	6,431	7,561	7,556	7,556
Sub-Saharan Africa	76,430	80,006	85,813	87,253	83,750	83,750
East Asia	260,184	263,488	263,041	275,033	276,472	276,472
South Asia	41,178	44,032	48,782	52,218	49,373	49,373
Central America	3,441	3,516	3,545	3,616	3,466	3,466
Southeast Asia	34,530	33,638	35,403	35,118	34,940	34,480
Others	1,233	1,118	1,144	1,257	1,238	1,238
Total	1,128,682	1,123,144	1,129,203	1,216,866	1,168,385	1,161,864
Domestic Consumption						
North America	369,579	367,262	364,462	378,472	364,948	364,149
South America	103,926	105,552	106,689	111,246	114,600	114,600
European Union	85,000	79,000	77,700	82,700	74,700	76,100
Other Europe	9,262	9,249	10,063	9,020	8,419	8,419
Former Soviet Union - 12	20,312	22,005	22,290	27,308	27,355	24,055
Middle East	28,887	28,149	26,600	29,641	29,718	29,018
North Africa	24,500	27,190	25,730	23,765	24,500	24,500
Sub-Saharan Africa	78,661	79,031	82,778	84,288	84,947	84,947
East Asia	308,273	313,031	319,169	324,650	328,595	328,095
South Asia	43,774	43,871	47,707	50,627	50,465	50,485
Southeast Asia	47,539	47,231	51,157	49,760	49,375	48,430
Central America	7,990	8,370	8,470	8,785	8,790	8,790
Others	3,797	3,635	3,492	3,438	3,755	3,755
Total	1,131,500	1,133,576	1,146,307	1,183,700	1,170,167	1,165,343
Ending Stocks						
North America	63,549	54,832	36,606	40,884	35,529	37,273
South America	10,897	11,834	7,787	8,779	12,777	12,088
European Union	7,644	7,382	7,880	9,942	7,359	7,342
Other Europe	1,432	1,317	1,537	1,383	986	984
Former Soviet Union - 12	2,200	3,261	2,212	6,918	11,347	8,367
Middle East	2,913	3,178	3,101	2,998	2,957	2,954
North Africa	2,473	2,410	1,837	1,934	2,360	2,285
Sub-Saharan Africa	8,731	9,301	10,708	11,899	9,292	9,292
East Asia	214,436	204,897	209,889	213,255	210,188	210,157
South Asia	3,026	3,827	4,397	4,439	3,277	3,327
Southeast Asia	4,026	4,174	5,610	3,635	3,720	3,368
Central America	903	797	707	797	708	708
Others	330	197	264	230	259	259
Total	322,560	307,407	292,535	307,093	300,759	298,404

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 Nov	2022/23 Dec
TY Exports						
Argentina	3,001	2,598	2,458	3,765	3,000	2,700
Australia	3,666	3,231	8,007	8,233	7,200	7,500
Canada	2,269	2,520	3,520	1,974	3,000	3,000
European Union	5,809	7,579	8,559	6,362	6,300	6,300
Kazakhstan	1,762	1,292	1,028	571	600	600
Russia	4,320	5,141	5,691	3,100	5,500	5,500
Serbia	67	77	131	125	150	150
Turkey	83	9	122	215	100	100
Ukraine	4,407	4,990	5,053	2,710	2,400	2,400
United Kingdom	1,406	1,397	1,280	784	850	850
Others	244	489	1,174	606	326	236
Subtotal	27,034	29,323	37,023	28,445	29,426	29,336
United States	101	155	349	70	150	150
World Total	27,135	29,478	37,372	28,515	29,576	29,486
TY Imports						
Algeria	469	503	778	688	500	500
Brazil	608	647	398	734	500	500
China	5,181	5,969	12,049	8,282	9,000	9,000
European Union	1,762	1,080	1,150	1,239	1,100	1,100
Iran	3,200	2,300	3,700	1,500	2,500	2,500
Israel	247	360	463	317	350	350
Japan	1,158	1,253	1,132	1,184	1,200	1,200
Jordan	944	567	658	1,023	800	800
Kuwait	434	500	507	551	450	450
Libya	884	895	1,043	660	750	750
Mexico	82	346	499	363	500	500
Morocco	299	1,073	456	810	500	500
Philippines	6	8	195	450	500	500
Qatar	288	349	358	292	400	400
Saudi Arabia	5,700	7,300	6,100	4,700	4,700	4,700
Thailand	206	685	1,043	88	500	400
Tunisia	487	751	1,038	798	750	750
Turkey	375	1,007	1,634	2,036	800	800
United Arab Emirates	352	434	453	337	450	450
Vietnam	133	198	747	553	700	700
Others	2,222	1,626	2,384	2,015	1,627	1,627
Subtotal	25,037	27,851	36,785	28,620	28,577	28,477
Unaccounted	1,965	1,470	450	-563	699	709
United States	133	157	137	458	300	300
World Total	27,135	29,478	37,372	28,515	29,576	29,486

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 Nov	2022/23 Dec
Production						
Algeria	1,957	1,648	1,213	950	1,600	1,600
Argentina	4,635	3,615	4,035	5,300	4,500	4,200
Australia	8,819	10,127	14,649	13,906	12,700	13,400
Azerbaijan	942	1,016	1,020	1,147	1,100	1,100
Canada	8,380	10,383	10,741	6,959	9,900	9,987
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	51,300	51,515
India	1,781	1,633	1,720	1,656	1,400	1,400
Iran	2,800	3,600	3,600	2,700	3,000	3,000
Kazakhstan	3,971	3,830	3,659	2,367	2,700	2,700
Russia	16,737	19,939	20,629	17,505	21,000	21,000
Turkey	7,000	7,900	8,100	4,500	7,400	7,400
Ukraine	7,604	9,528	7,947	9,923	6,400	6,400
United Kingdom	6,510	8,048	8,117	6,961	7,100	7,100
Others	11,879	13,768	13,225	12,583	10,706	10,532
Subtotal	136,255	154,604	157,186	142,853	145,206	145,734
United States	3,343	3,756	3,719	2,615	3,796	3,796
World Total	139,598	158,360	160,905	145,468	149,002	149,530
Total Consumption						
Algeria	2,000	2,350	2,350	1,950	1,950	1,950
Argentina	1,200	1,200	1,700	1,550	1,500	1,500
Australia	5,000	6,000	6,500	5,500	5,500	6,000
Canada	6,508	8,108	7,747	5,413	6,900	6,900
China	7,000	8,000	13,000	11,400	11,100	11,100
Ethiopia	1,825	2,325	2,325	2,375	2,425	2,425
European Union	45,600	49,500	48,250	45,450	46,100	46,500
Iran	6,200	6,400	6,900	4,700	5,500	5,500
Kazakhstan	2,150	2,400	2,550	2,300	2,200	2,200
Morocco	2,900	2,500	1,160	3,120	1,820	1,820
Russia	12,200	15,400	14,400	14,300	15,400	15,400
Saudi Arabia	7,025	7,025	7,025	4,125	4,925	4,925
Turkey	7,500	8,500	8,990	7,400	7,500	7,500
Ukraine	4,200	4,600	4,100	4,000	3,900	3,900
United Kingdom	5,702	6,062	7,215	6,380	6,371	6,371
Others	19,545	22,215	23,661	22,258	21,897	21,713
Subtotal	137,329	152,889	158,077	144,731	145,743	146,258
United States	3,537	3,922	3,753	3,410	3,484	3,484
World Total	140,866	156,811	161,830	148,141	149,227	149,742
Ending Stocks						
Australia	1,908	2,711	2,518	2,674	2,674	2,574
Canada	863	957	711	504	534	621
European Union	5,457	5,205	5,010	5,266	5,266	5,281
Russia	640	743	757	712	862	862
Saudi Arabia	1,327	1,016	1,002	988	775	775
Ukraine	1,008	953	661	880	980	980
United Kingdom	1,091	1,357	1,058	964	943	943
Others	5,991	7,029	7,521	5,214	4,436	4,446
Subtotal	18,285	19,971	19,238	17,202	16,470	16,482
United States	1,884	1,747	1,555	918	1,426	1,426
World Total	20,169	21,718	20,793	18,120	17,896	17,908

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Nov 2022/23	Dec 2022/23
TY Imports						
North America	253	589	937	1,025	830	830
South America	1,179	1,168	927	1,261	955	955
European Union	1,762	1,080	1,150	1,239	1,100	1,100
Other Europe	240	168	191	198	170	170
Former Soviet Union - 12	395	464	425	344	304	304
Middle East	11,877	12,932	14,600	11,163	10,850	10,850
North Africa	2,340	3,229	3,335	2,963	2,510	2,510
Sub-Saharan Africa	28	67	19	61	70	70
East Asia	6,441	7,324	13,273	9,576	10,295	10,295
South Asia	296	89	34	112	68	68
Oceania	14	7	46	45	25	25
Total	25,170	28,008	36,922	29,078	28,877	28,777
Production						
North America	12,719	15,149	15,365	10,664	14,656	14,743
South America	6,133	5,135	5,741	7,053	6,164	5,764
European Union	49,470	55,180	54,234	52,046	51,300	51,515
Other Europe	7,762	9,471	9,659	8,520	8,644	8,644
Former Soviet Union - 12	31,225	36,462	35,702	32,788	33,295	33,295
Middle East	11,069	15,200	15,257	8,651	11,879	11,879
North Africa	5,394	3,929	2,526	4,368	2,928	2,928
Sub-Saharan Africa	2,369	2,929	3,004	2,869	2,970	2,970
East Asia	2,322	2,420	2,385	2,338	2,383	2,309
South Asia	1,936	1,974	2,045	1,941	1,728	1,728
Oceania	9,199	10,511	14,987	14,230	13,055	13,755
Total	139,598	158,360	160,905	145,468	149,002	149,530
Domestic Consumption						
North America	11,095	13,330	12,800	10,323	11,884	11,884
South America	3,716	3,898	4,217	4,227	3,962	3,962
European Union	45,600	49,500	48,250	45,450	46,100	46,500
Other Europe	7,068	7,481	8,745	7,908	7,874	7,874
Former Soviet Union - 12	21,759	25,745	24,662	23,640	24,804	24,804
Middle East	25,045	27,001	28,036	21,751	22,569	22,569
North Africa	6,996	7,419	6,205	7,341	5,968	5,968
Sub-Saharan Africa	2,360	2,913	2,982	2,941	3,000	2,990
East Asia	8,620	9,725	14,683	13,078	12,820	12,746
South Asia	2,103	2,214	2,240	1,991	1,811	1,811
Oceania	5,385	6,390	6,900	5,850	5,880	6,380
Total	140,092	156,507	161,626	145,631	148,472	149,188
Ending Stocks						
North America	3,109	3,166	2,676	1,872	2,370	2,457
South America	1,039	1,022	966	813	770	770
European Union	5,457	5,205	5,010	5,266	5,266	5,281
Other Europe	1,228	1,538	1,215	1,125	1,088	1,088
Former Soviet Union - 12	2,307	2,457	2,325	2,147	2,351	2,361
Middle East	2,620	3,243	3,161	2,135	1,948	1,945
North Africa	1,228	1,053	709	1,065	508	535
Sub-Saharan Africa	348	404	432	392	432	407
East Asia	612	631	1,606	442	300	300
South Asia	264	235	127	129	129	130
Oceania	1,946	2,755	2,560	2,725	2,725	2,625
Total	20,169	21,718	20,793	18,120	17,896	17,908

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 Nov	2022/23 Dec
TY Exports						
Argentina	254	426	1,973	1,800	2,300	2,100
Australia	91	102	1,235	2,285	2,400	2,400
Bolivia	18	8	30	5	25	25
China	49	29	4	5	30	30
India	53	31	56	40	50	50
Kenya	53	31	80	50	60	60
Nigeria	100	50	50	50	50	50
Others	306	305	198	208	107	107
Subtotal	924	982	3,626	4,443	5,022	4,822
United States	2,410	5,404	6,926	7,351	4,500	4,000
World Total	3,334	6,386	10,552	11,794	9,522	8,822
TY Imports						
China	652	3,709	8,669	10,991	7,800	7,100
Eritrea	60	35	60	95	70	70
Ethiopia	6	61	5	12	50	50
European Union	666	89	13	168	100	100
Japan	449	426	299	258	200	200
Kenya	109	52	181	79	150	150
Mexico	546	567	133	362	200	200
Somalia	85	80	50	50	50	50
South Sudan	26	81	71	55	50	50
Sudan	160	150	125	75	50	50
Others	488	378	351	382	338	338
Subtotal	3,247	5,628	9,957	12,527	9,058	8,358
Unaccounted	86	757	594	-734	463	463
United States	1	1	1	1	1	1
World Total	3,334	6,386	10,552	11,794	9,522	8,822

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 Nov	2022/23 Dec
Production						
Argentina	2,500	2,500	3,320	3,400	3,800	3,800
Australia	1,160	397	1,639	2,733	2,900	2,900
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	7,681	7,291	6,916	6,832
Subtotal	50,092	49,046	53,098	50,822	54,156	54,072
United States	9,271	8,673	9,474	11,375	5,989	5,989
World Total	59,363	57,719	62,572	62,197	60,145	60,061
Total Consumption						
Argentina	2,150	2,050	1,150	1,450	1,350	1,350
Bolivia	980	980	1,400	1,350	1,400	1,400
Brazil	2,200	2,400	2,100	3,000	2,900	2,900
Burkina Faso	1,800	1,870	1,900	1,650	1,850	1,850
Cameroon	1,225	1,222	1,225	1,215	1,230	1,230
Chad	1,000	1,000	1,000	950	980	980
China	3,600	6,800	11,400	14,000	10,800	10,100
Ethiopia	5,000	5,300	5,200	4,650	4,600	4,600
India	3,550	4,500	4,550	4,450	4,450	4,450
Mali	1,470	1,500	1,700	1,400	1,500	1,500
Mexico	5,100	5,000	4,500	5,000	5,100	5,100
Niger	2,100	2,000	2,050	1,400	1,850	1,850
Nigeria	6,650	6,650	6,550	6,650	6,800	6,800
South Sudan	685	780	810	810	820	820
Sudan	5,300	4,350	5,100	3,700	4,950	4,950
Others	9,458	7,679	7,686	7,670	7,423	7,341
Subtotal	52,344	54,990	59,824	58,562	58,611	58,021
United States	6,212	4,365	2,638	3,063	2,286	2,794
World Total	58,556	59,355	62,462	61,625	60,897	60,815
Ending Stocks						
Argentina	454	266	196	347	197	297
Australia	287	154	20	343	333	333
Brazil	194	293	266	312	332	332
India	153	394	599	359	259	259
Mexico	259	153	102	303	252	252
Nigeria	152	117	107	132	282	282
Sudan	631	110	280	150	245	245
Others	1,744	1,604	1,879	1,239	1,179	1,172
Subtotal	3,874	3,091	3,449	3,185	3,079	3,172
United States	1,617	764	516	1,352	611	611
World Total	5,491	3,855	3,965	4,537	3,690	3,783

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Nov 2022/23	Dec 2022/23
TY Imports						
North America	547	568	134	363	201	201
South America	80	45	37	29	29	29
European Union	666	89	13	168	100	100
Other Europe	22	25	23	19	25	25
Middle East	43	59	40	85	31	31
North Africa	0	2	0	1	2	2
Sub-Saharan Africa	650	618	646	517	583	583
East Asia	1,175	4,180	9,030	11,307	8,055	7,355
Southeast Asia	36	41	28	32	30	30
Others	29	2	7	7	3	3
Total	3,248	5,629	9,958	12,528	9,059	8,359
Production						
North America	13,971	13,001	13,822	16,215	10,839	10,839
Central America	288	286	277	255	195	195
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	675	591
Middle East	440	390	391	405	401	401
North Africa	808	761	735	755	754	754
Sub-Saharan Africa	29,103	27,272	29,478	25,377	28,230	28,230
East Asia	2,911	3,139	2,972	3,002	3,002	3,002
South Asia	3,629	4,892	4,908	4,314	4,535	4,535
Southeast Asia	50	50	50	50	50	50
Oceania	1,160	397	1,639	2,733	2,900	2,900
Others	194	192	107	173	100	100
Total	59,363	57,719	62,572	62,197	60,145	60,061
Domestic Consumption						
North America	11,312	9,365	7,138	8,063	7,386	7,894
Central America	291	286	280	257	190	190
Caribbean	108	71	79	74	79	79
South America	5,644	5,687	4,909	6,008	5,914	5,914
European Union	1,554	1,128	1,033	971	763	681
Middle East	486	445	431	483	432	432
North Africa	803	784	754	755	756	756
Sub-Saharan Africa	29,145	28,348	29,637	26,520	28,418	28,418
East Asia	4,156	7,257	11,774	14,320	11,057	10,357
South Asia	3,726	4,621	4,651	4,517	4,585	4,585
Southeast Asia	85	81	83	77	79	79
Oceania	1,050	280	95	260	510	510
Others	120	93	95	103	120	120
Total	58,480	58,446	60,959	62,408	60,289	60,015
Ending Stocks						
North America	1,876	917	618	1,655	863	863
Central America	9	9	6	4	9	9
South America	740	683	634	852	700	800
European Union	101	54	21	18	20	18
Middle East	0	0	0	0	0	0
North Africa	46	24	5	5	6	5
Sub-Saharan Africa	2,179	1,510	1,750	989	1,231	1,229
East Asia	38	71	295	279	249	249
South Asia	153	394	599	359	259	259
Oceania	287	154	20	343	333	333
Others	62	39	17	33	20	18
Total	5,491	3,855	3,965	4,537	3,690	3,783

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 Nov	2022/23 Dec
TY Exports						
Australia	250	245	391	714	500	500
Brazil	6	3	1	7	5	5
Canada	1,665	1,899	1,961	1,206	1,800	1,900
Chile	36	6	3	60	5	5
European Union	119	235	145	188	110	110
Russia	134	73	90	150	100	100
United Kingdom	49	110	31	167	90	90
Others	43	29	27	15	14	14
Subtotal	2,302	2,600	2,649	2,507	2,624	2,724
United States	26	32	51	32	30	30
World Total	2,328	2,632	2,700	2,539	2,654	2,754
TY Imports						
Algeria	1	13	11	4	10	10
Chile	14	28	169	12	150	150
China	224	222	301	342	350	350
Ecuador	16	12	26	0	20	20
European Union	58	113	33	217	80	80
India	21	25	46	45	50	50
Japan	46	47	48	48	50	50
Korea, South	31	25	24	26	25	25
Malaysia	16	29	26	19	25	25
Mexico	129	137	171	189	170	170
Norway	93	45	15	32	15	15
Peru	41	45	44	30	50	50
South Africa	23	62	21	0	30	30
Switzerland	51	56	49	50	50	50
United Kingdom	28	23	18	16	25	25
Others	54	44	41	59	32	32
Subtotal	846	926	1,043	1,089	1,132	1,132
Unaccounted	85	115	84	196	122	122
United States	1,397	1,591	1,573	1,254	1,400	1,500
World Total	2,328	2,632	2,700	2,539	2,654	2,754

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 Nov	2022/23 Dec
Production						
Algeria	118	101	69	105	105	105
Argentina	572	600	510	725	645	645
Australia	1,135	1,143	1,898	1,619	1,400	1,400
Belarus	342	368	445	350	375	375
Brazil	795	879	853	1,143	1,155	1,155
Canada	3,436	4,227	4,576	2,808	4,600	5,226
Chile	385	477	525	578	550	550
China	560	600	600	600	600	600
European Union	6,940	6,965	8,473	7,528	7,775	7,608
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	432	387	377
Subtotal	21,390	22,441	24,769	21,954	23,617	24,066
United States	815	773	954	578	837	837
World Total	22,205	23,214	25,723	22,532	24,454	24,903
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	1,861	2,500	2,900
Chile	390	520	615	570	675	675
China	870	870	900	925	950	950
European Union	7,000	6,900	8,175	7,650	7,815	7,650
Kazakhstan	315	250	235	205	200	200
Mexico	255	210	235	265	260	260
Norway	250	345	320	322	335	335
Russia	4,700	4,200	4,050	3,650	3,700	3,700
Turkey	230	240	240	238	250	250
Ukraine	450	420	475	465	425	425
United Kingdom	867	984	969	1,007	1,005	1,005
Others	685	666	693	711	746	731
Subtotal	20,712	20,827	22,496	21,392	22,037	22,271
United States	2,326	2,344	2,362	2,040	2,278	2,364
World Total	23,038	23,171	24,858	23,432	24,315	24,635
Ending Stocks						
Australia	191	114	416	215	115	115
Brazil	37	68	75	83	111	108
Canada	397	426	657	318	628	754
China	155	107	108	125	125	125
European Union	371	332	540	360	330	328
Russia	60	195	188	122	123	123
United Kingdom	116	106	147	157	107	107
Others	310	347	411	367	361	360
Subtotal	1,637	1,695	2,542	1,747	1,900	2,020
United States	549	534	552	447	442	442
World Total	2,186	2,229	3,094	2,194	2,342	2,462

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Nov 2022/23	Dec 2022/23
TY Imports						
North America	1,535	1,744	1,763	1,471	1,580	1,680
South America	78	89	241	53	224	224
European Union	58	113	33	217	80	80
Other Europe	178	131	89	104	95	95
Former Soviet Union - 12	31	6	6	6	3	3
Middle East	0	0	0	7	0	0
North Africa	2	24	18	5	20	20
Sub-Saharan Africa	23	62	21	0	30	30
East Asia	301	294	373	416	425	425
South Asia	21	25	46	45	50	50
Southeast Asia	16	29	26	19	25	25
Oceania	0	0	0	0	0	0
Total	2,243	2,517	2,616	2,343	2,532	2,632
Production						
North America	4,354	5,099	5,593	3,479	5,522	6,148
South America	1,831	2,017	1,949	2,507	2,417	2,417
European Union	6,940	6,965	8,473	7,528	7,775	7,608
Other Europe	1,136	1,518	1,481	1,561	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	59	50	40
East Asia	561	601	601	601	601	601
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	1,159	1,170	1,921	1,648	1,429	1,429
Total	22,205	23,214	25,723	22,532	24,454	24,903
Domestic Consumption						
North America	4,664	4,973	4,937	4,166	5,038	5,524
South America	1,843	2,088	2,123	2,510	2,590	2,590
European Union	7,000	6,900	8,175	7,650	7,815	7,650
Other Europe	1,316	1,527	1,499	1,525	1,538	1,538
Former Soviet Union - 12	5,846	5,247	5,208	4,679	4,707	4,707
Middle East	230	240	240	238	250	250
North Africa	142	118	101	163	131	131
Sub-Saharan Africa	65	69	69	70	90	75
East Asia	951	943	972	1,000	1,026	1,026
South Asia	21	25	46	45	50	50
Southeast Asia	16	29	26	19	25	25
Oceania	927	994	1,223	1,129	1,029	1,029
Total	23,021	23,153	24,619	23,194	24,289	24,595
Ending Stocks						
North America	949	968	1,222	781	1,081	1,207
South America	144	191	229	204	246	243
European Union	371	332	540	360	330	328
Other Europe	167	158	194	204	153	153
Former Soviet Union - 12	177	322	341	253	244	244
Middle East	16	6	6	25	25	25
North Africa	1	3	0	0	0	0
Sub-Saharan Africa	15	25	34	23	19	18
East Asia	155	107	109	126	126	126
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	191	117	419	218	118	118
Total	2,186	2,229	3,094	2,194	2,342	2,462

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 Nov	2022/23 Dec
TY Exports						
Belarus	0	0	22	5	5	5
Canada	152	147	148	157	150	175
European Union	191	274	95	210	150	150
Russia	178	6	101	125	50	50
Ukraine	42	8	58	124	5	5
Others	1	0	3	5	0	0
Subtotal	564	435	427	626	360	385
United States	4	6	4	4	5	5
World Total	568	441	431	630	365	390
TY Imports						
Belarus	9	3	3	3	3	3
European Union	221	0	131	220	80	80
Israel	17	7	18	5	10	10
Japan	23	19	22	13	15	15
Kazakhstan	0	2	11	1	5	5
Korea, South	3	4	4	4	5	5
Norway	19	10	10	3	10	10
Others	10	103	11	55	8	8
Subtotal	302	148	210	304	136	136
Unaccounted	-28	9	31	-5	29	29
United States	294	284	190	331	200	225
World Total	568	441	431	630	365	390

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 Nov	2022/23 Dec
Production						
Argentina	87	220	135	225	160	160
Belarus	503	756	1,051	800	750	750
Canada	236	333	488	473	470	520
European Union	6,173	8,395	8,968	7,948	7,615	7,615
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	11,694	11,744
United States	214	270	293	249	312	312
World Total	10,000	12,257	14,299	12,544	12,006	12,056
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	350	350
European Union	6,350	8,060	8,750	8,100	7,850	7,850
Kazakhstan	35	27	35	45	35	35
Norway	27	59	58	56	60	60
Russia	1,750	1,550	2,200	1,700	1,800	1,800
Turkey	320	320	320	358	330	330
Ukraine	332	332	402	415	352	352
Others	142	130	145	114	121	121
Subtotal	9,818	11,653	13,456	12,125	11,755	11,755
United States	518	550	528	522	609	633
World Total	10,336	12,203	13,984	12,647	12,364	12,388
Ending Stocks						
Belarus	35	44	31	34	37	37
Canada	49	40	72	109	81	106
European Union	513	590	739	686	380	381
Kazakhstan	4	0	4	4	4	4
Russia	141	104	201	93	144	144
Turkey	14	14	14	24	14	14
Ukraine	47	48	90	114	42	42
Others	1	1	1	1	1	1
Subtotal	804	841	1,152	1,065	703	729
United States	11	28	32	16	19	20
World Total	815	869	1,184	1,081	722	749

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	Nov 2022/23	Dec 2022/23
TY Imports						
North America	296	287	191	332	202	227
South America	0	0	0	0	0	0
European Union	221	0	131	220	80	80
Other Europe	25	15	17	20	15	15
Former Soviet Union - 12	11	100	17	5	9	9
Middle East	17	7	18	41	10	10
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	26	23	26	17	20	20
Oceania	0	0	0	0	0	0
Total	596	432	400	635	336	361
Production						
North America	450	603	781	722	782	832
South America	100	234	150	241	176	176
European Union	6,173	8,395	8,968	7,948	7,615	7,615
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	12,006	12,056
Domestic Consumption						
North America	687	731	836	810	959	983
South America	100	234	150	241	176	176
European Union	6,350	8,060	8,750	8,100	7,850	7,850
Other Europe	110	142	141	129	132	132
Former Soviet Union - 12	2,667	2,659	3,687	2,950	2,927	2,927
Middle East	337	327	338	363	340	340
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	26	23	26	17	20	20
Oceania	31	32	32	32	32	32
Total	10,311	12,211	13,963	12,645	12,439	12,463
Ending Stocks						
North America	60	68	104	125	100	126
South America	0	0	0	0	0	0
European Union	513	590	739	686	380	381
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	227	196	326	245	227	227
Middle East	14	14	14	24	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	1	1	1	1	1	1
Oceania	0	0	0	0	0	0
Total	815	869	1,184	1,081	722	749

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