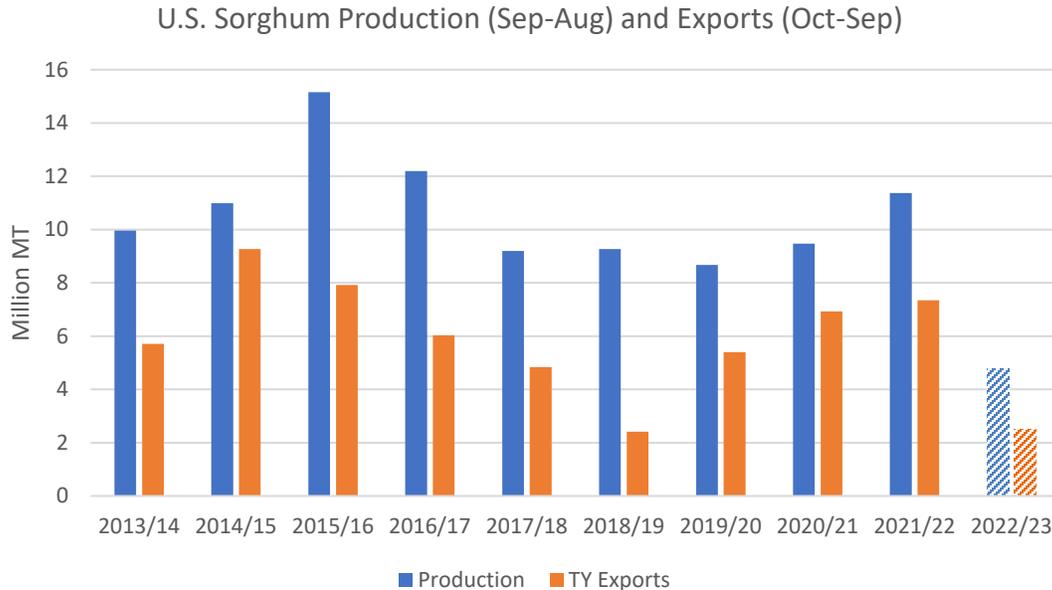


Grain: World Markets and Trade

U.S. Sorghum Exports Fall Precipitously



U.S. sorghum exports for 2022/23 are forecast down 1.5 million tons to 2.5 million (Oct-Sep), the lowest since 2018/19 and the second-lowest volume of the last decade. The flagging export prospects come on the heels of the smallest sorghum crop since 1944/45 at just under 4.8 million tons. Dry conditions in Kansas and Texas, two major sorghum-producing states, negatively impacted yields and overall production.

The stark impact of lower supplies is evident in export volumes for the October to December period. Last year, the United States exported a total of 1.5 million tons of sorghum over these 3 months. This year, Census data shows just under 300,000 tons for October and November combined, while Federal Grain Inspection Service (FGIS) data for December shows inspections for export of just 64,000 tons. The 3 months total 360,000 tons, a 77-percent decline year over year. Per Export Sales Reporting, total commitments of sorghum to the world for the current marketing year are just 361,000 tons versus 5.3 million tons at the same time a year ago.

China is by far the world's largest importer and the top destination for U.S. sorghum. The steep decline in total commitments represents the near-evaporation of China's sorghum demand from the United States; in an October GAIN report, FAS/Beijing reported quotes of over \$500/ton for imported U.S. sorghum at major ports in China, about \$100/ton higher than a year ago. China has diversified its sourcing of grain, with the United States continuing to face competition from Argentina and Australia in the sorghum market. This year, U.S. sorghum must also compete against a larger pool of origins for corn. In May 2022, an agreement was reached that would allow Brazilian corn to be exported to China. The fruits of this agreement were borne out last month as Brazil reported 1.1 million tons of exports to China, becoming the top market for Brazilian corn in December. With Brazil corn exports winding down seasonally in the next few months and Ukraine corn exports still dependent on the continuation of the Black Sea Grain Initiative, competition from corn in China's grain market may ease slightly, but by all appearances, 2022/23 is expected to be a rough year for U.S. sorghum.

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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](#)

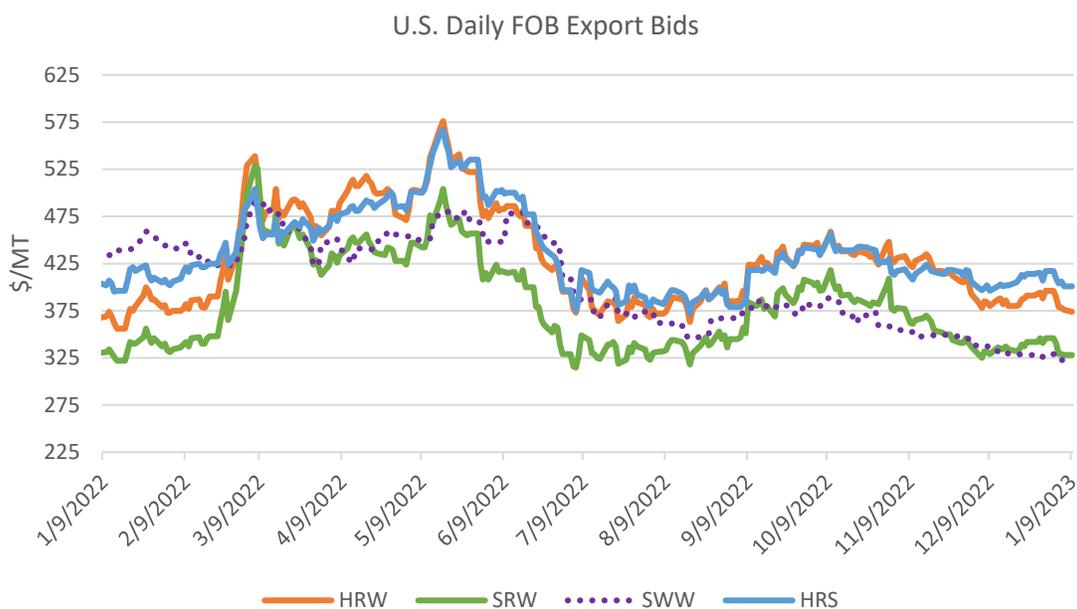
WHEAT

OVERVIEW FOR 2022/23

Global production is forecast higher this month on larger crops in Ukraine and the European Union. Exports are forecast up with higher exports from Ukraine and the EU more than offsetting reduced exports from India. Imports are forecast up mostly on higher demand from the EU. Global consumption is forecast down mostly on lower feed and residual use in Ukraine. Stocks are forecast at the lowest in 6 years. The U.S. season-average farm price forecast remains unchanged at \$9.10 per bushel.

WHEAT PRICES

Domestic: Since the December *WASDE* Report, U.S. quotes have fallen slightly for all classes except Hard Red Spring, reflecting tepid importer interest as U.S. prices remain largely above other origins. Hard Red Winter (HRW) fell \$11/ton to \$374. Soft Red Winter (SRW) dropped \$4/ton to \$328 as strong wheat exports continue from the Black Sea. Soft White Winter (SWW) fell \$16/ton to \$322 reflecting greater global availability of white wheat, particularly from Australia's record crop. Hard Red Spring (HRS) was little changed, up \$2/ton from last month to \$401.



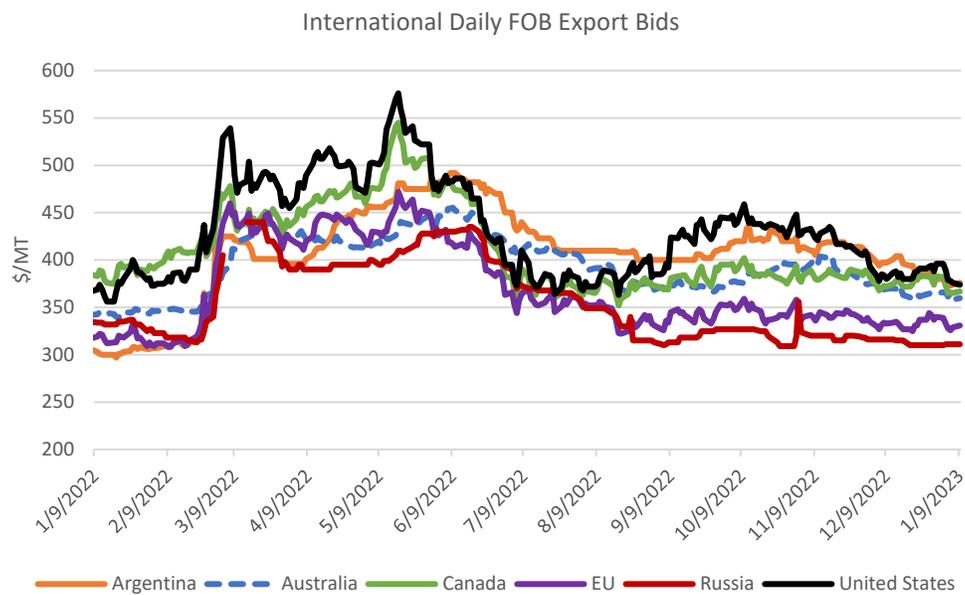
Source: IGC

*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 December WASDE, reflecting abundant Black Sea grain exports and Southern Hemisphere harvests nearing completion. Argentine quotes fell the most, down \$21/ton amid the ongoing harvest. U.S. quotes dipped \$11/ton, now below Argentine prices. Canadian quotes dropped \$5/ton and are slightly above Australian prices, which are down \$8/ton. EU quotes dropped \$1/ton, while Russian wheat dropped \$5/ton and remains the most competitive among major suppliers.

| Argentina | Australia | Canada | EU | Russia | United States |
|--------------|--------------|--------------|--------------|--------------|---------------|
| \$376 | \$360 | \$367 | \$331 | \$311 | \$374 |

Note: As of January 9, 2023

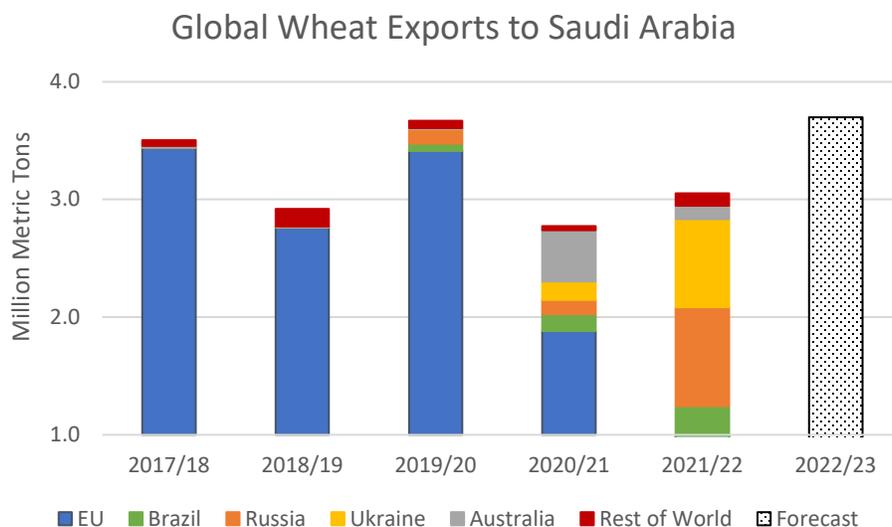


Source: IGC

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

MARKET FEATURES

Saudi Arabia Diversifies Wheat Suppliers and Boosts Domestic Production



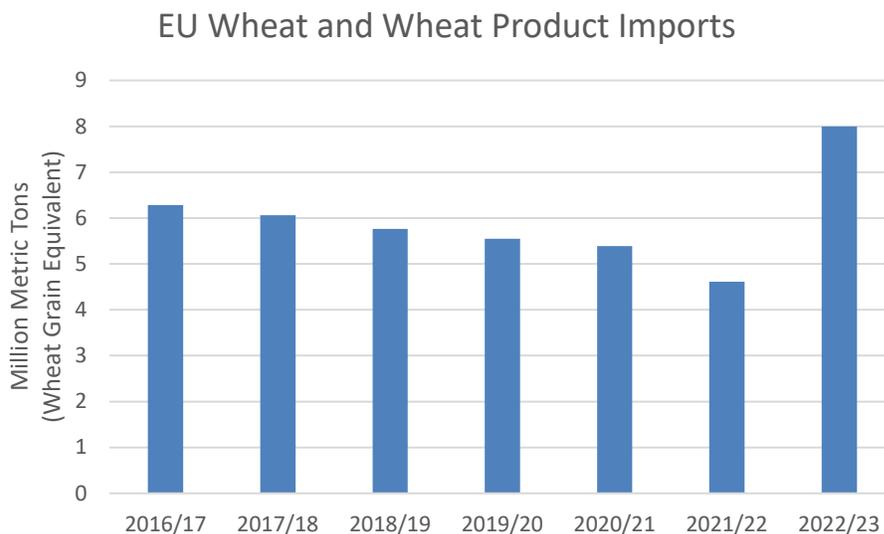
Since 2020/21, Saudi Arabia has quickly and dramatically shifted wheat suppliers while maintaining import volumes at approximately 3.0 million tons. From marketing year 2017/18 to 2019/20, the European Union supplied more than 90 percent of Saudi Arabia imports; in 2020/21 that slipped to about 66 percent, and in 2021/22, to less than 20 percent. In 2021/22, Saudi Arabia relied more heavily upon other suppliers including Brazil (which had a record crop and exports), Ukraine (where Saudi investors held some agricultural investments), and Russia.

The 2022/23 import forecast for Saudi Arabia is revised up to 3.7 million tons on strong demand in the first half of the year. EU 2022/23 exports to Saudi Arabia to date are up compared to last year's total. However, competitively priced and abundant supplies have led Russia to be the dominant exporter so far this year. Some of the outstanding tenders have option origins, so it remains to be seen which countries will supply the remainder of the year.

Increased imports come despite domestic production increases. 2022/23 domestic production is forecast at 1.0 million tons, up 76 times from 2018/19 production. The government of Saudi Arabia has been encouraging growth in domestic production, which is helping to address rising consumption.

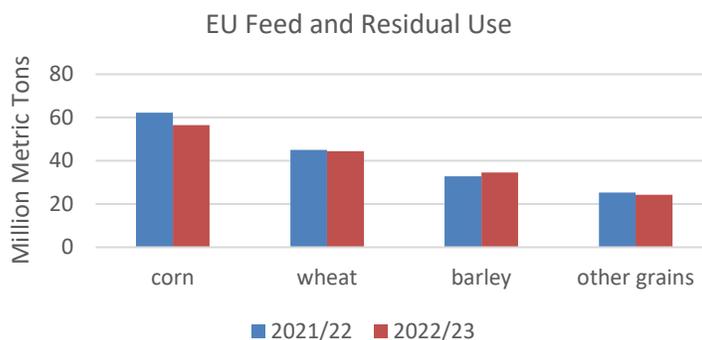
Some of the increased supplies have supported Saudi Arabia exports of wheat products, primarily of uncooked pasta. Total wheat and products exports are forecast at 150,000 tons in 2022/23, most of which is shipped to regional neighbors. In 2021/22, about 60 percent of exports (99,000 tons) were destined for Iraq. The UAE, Jordan, Kuwait, and Oman are other notable importers of Saudi Arabia wheat products.

EU Imports Surge



The European Union is a major player in the global wheat market, ranking collectively as the second-largest producer and consumer behind China. For 2022/23, the EU is the second-largest exporter behind Russia with the EU export forecast raised this month to 36.5 million tons. Yet it is also forecast to become the sixth-largest importer at 8.0 million tons, up over 73 percent from the prior year.

The EU typically imports wheat and wheat products, though total imports have been in decline the past several years until this year amid sufficient supplies. The EU imports include both durum and non-durum wheat and products. The durum is used for pasta and Italy in particular imports additional durum for processing into pasta products. Thus far, durum imports are down from the prior year. Growth in imports has entirely been in non-durum wheat. Most significantly, imports from Ukraine are up sharply. Ukraine has shipped over 2.0 million tons to the EU, in part to nearby bordering countries such as Poland and Romania, taking advantage of the solidarity lanes that were developed to ease the movement of products from Ukraine. In addition, some of the shipments have been to Spain, a net feed-importing country. This year, the European Union had sharply lower corn production, and therefore domestic and foreign supplies of feed-quality wheat are especially needed, along with other grains such as barley (see Coarse Grains section).



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

| Country | Attribute | Previous | Current | Change | Reason |
|----------------|-----------|----------|---------|--------|---|
| European Union | Imports | 7,000 | 8,000 | 1,000 | Additional shipments from Ukraine via land and sea |
| Kazakhstan | Imports | 1,000 | 1,500 | 500 | More imports from Russia |
| Lebanon | Imports | 1,300 | 1,100 | -200 | Reduced monthly shipments |
| Nepal | Imports | 400 | 200 | -200 | Lack of available supplies from India amid continued export ban |
| Philippines | Imports | 6,700 | 6,500 | -200 | Grain consumption shifting toward more affordable rice |
| Saudi Arabia | Imports | 3,500 | 3,700 | 200 | Large recent tenders |
| European Union | Exports | 36,000 | 36,500 | 500 | Larger estimated crop and strong pace of shipments |
| India | Exports | 2,750 | 2,500 | -250 | Ongoing export ban |
| Ukraine | Exports | 12,500 | 13,000 | 500 | More shipments under the Black Sea Grain Initiative and by land |

RICE

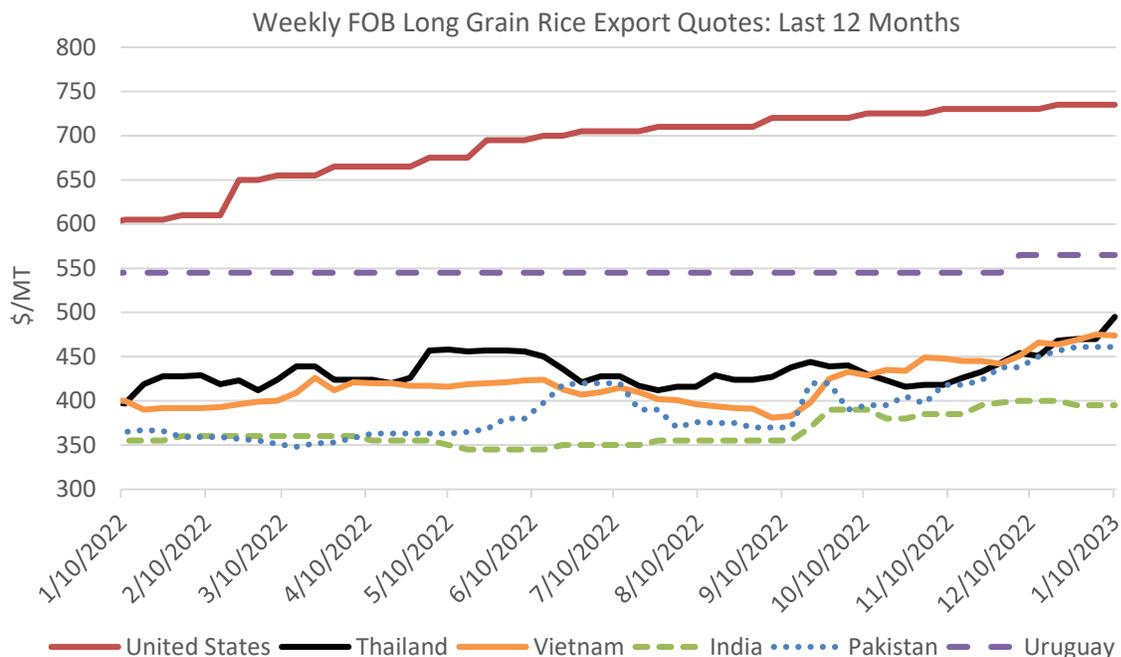
OVERVIEW FOR 2022/23

Global rice production is down this month primarily due to a smaller crop in China which only partially offsets a larger crop in India. Global consumption is forecast down, mostly in China. Imports are forecast up, particularly for Vietnam and the Philippines. Exports are projected higher, mostly from India and Brazil. Global stocks are forecast slightly higher this month, mainly for Vietnam, India, and Brazil, but are still the lowest since 2017/18.

OVERVIEW FOR 2021/22

Imports are projected higher with the largest increase for the Philippines. Exports are forecast up, mostly for India and Brazil. Global stocks are forecast up, mostly in Vietnam as well as Brazil based on a multi-year revision, but still lower than the previous year.

RICE PRICES



In the past month, U.S. quotes rose slightly, up \$5 to \$735/ton. Uruguayan prices were unchanged at \$565/ton. Vietnamese prices jumped \$23 to \$474/ton with tight supplies at the end of the late winter crop. Thai quotes increased \$41 to \$495/ton with the strengthening of the Thai baht and strong demand from Southeast Asia and the Middle East. Pakistani quotes were up \$23 to \$461/ton on tighter supplies. Indian quotes decreased \$5 to \$395/ton and remain the lowest globally. Over the past year, rice prices globally have been rising from prior year levels.

MARKET FEATURE

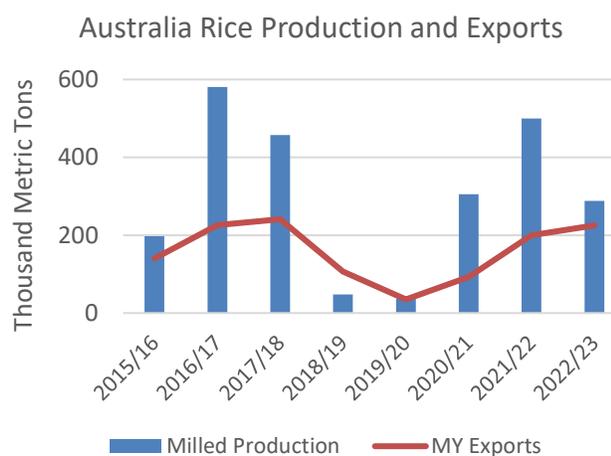
Major Medium-Grain Rice Producers Expecting Smaller Crops

For marketing year 2022/23, major medium-grain producers and exporters, including the United States, Australia, and the EU, are expected to have significant declines in production.

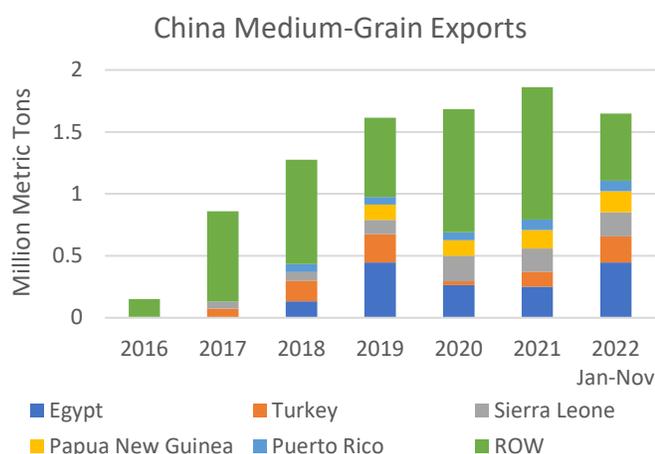
The United States has harvested a smaller medium- and short-grain crop for the fourth consecutive year. U.S. medium- and short-grain production is estimated down 31 percent from 2021/22, the smallest crop since 1972/73 amid very low water availability in California. With tightening supplies, U.S. rough rice prices have jumped nearly 50 percent since 2021/22. Export prices are elevated as well, causing U.S. medium- and short-grain exports to be forecast at the lowest level since 1998/99. Historically, Japan and Korea have been the largest destinations for U.S. medium-grain rice and continue to be key markets due to World Trade Organization obligations. However, recent tenders have been only partially filled with limited supplier interest given the tight exportable supplies and sharply higher U.S. prices.

Australia rice production in marketing year 2022/23 (begins in March 2023) is forecast to drop by more than 40 percent driven by a large reduction in plantings caused by widespread flooding. However, unlike the United States, Australia is expecting an increase in exports, given its large carryin. Australia is even expanding exports to the United States, which has already received a couple of shipments.

The EU produces multiple types of rice with medium grain representing roughly 75 percent of the total crop. The EU 2022/23 rice crop is expected to be 25 percent smaller and the lowest since 1984/85. The main rice producers within the EU are Italy and Spain, accounting for 80 percent of total production, and both have experienced severe drought and low irrigation water availability. Top EU markets include the United Kingdom and Jordan. As a result of tighter supplies, EU exports are forecast slightly lower. Meanwhile, EU rice imports are expected to increase to a record 2.7 million tons. Historically, most of the rice entering the country is long grain, although in recent years, medium-grain rice imports have also been rising.



Meanwhile, China remains the largest medium-grain supplier globally. Despite a smaller 2022/23 rice crop, prices will likely remain competitive internationally due to abundant stocks. When Australia suffered from drought (2018/19 and 2019/20), China became a key supplier in its absence. When Australia suffered from drought in 2018/19 and 2019/20, China became a key supplier in its absence. From January through November 2022, China exported 1.6 million tons of medium-grain rice, the third highest volume of exports since 2016, with rice primarily destined to countries in Africa and Asia. Egypt has been a key market for China medium-grain exports to Africa. Amid rebounding domestic production, Egypt rice imports 2022/23 are forecast to decline.



Source: Trade Data Monitor, LLC

in

TRADE CHANGES IN 2023 (1,000 MT)

| Country | Attribute | Previous | Current | Change | Reason |
|---------------|-----------|----------|---------|--------|---|
| Philippines | Imports | 3,400 | 3,600 | 200 | The 35-percent in- and out-of-quota tariffs extended through 2023 |
| Vietnam | Imports | 700 | 1,000 | 300 | |
| Brazil | Exports | 900 | 1,100 | 200 | Exports remain strong with competitive prices |
| Cambodia | Exports | 1,500 | 1,600 | 100 | Exports largely to Vietnam |
| India | Exports | 20,000 | 20,500 | 500 | Larger crop |
| United States | Exports | 2,250 | 2,150 | -100 | Tight supplies and high prices |

TRADE CHANGES IN 2022 (1,000 MT) – based on trade data

| Country | Attribute | Previous | Current | Change |
|-------------|-----------|----------|---------|--------|
| Egypt | Imports | 800 | 700 | -100 |
| Iraq | Imports | 1,900 | 2,000 | 100 |
| Liberia | Imports | 250 | 350 | 100 |
| Mozambique | Imports | 600 | 700 | 100 |
| Philippines | Imports | 3,500 | 3,700 | 200 |
| Vietnam | Imports | 1,400 | 1,500 | 100 |
| Brazil | Exports | 1,250 | 1,375 | 125 |
| Cambodia | Exports | 1,600 | 1,700 | 100 |
| India | Exports | 21,200 | 21,800 | 600 |
| Vietnam | Exports | 7,400 | 7,200 | -200 |

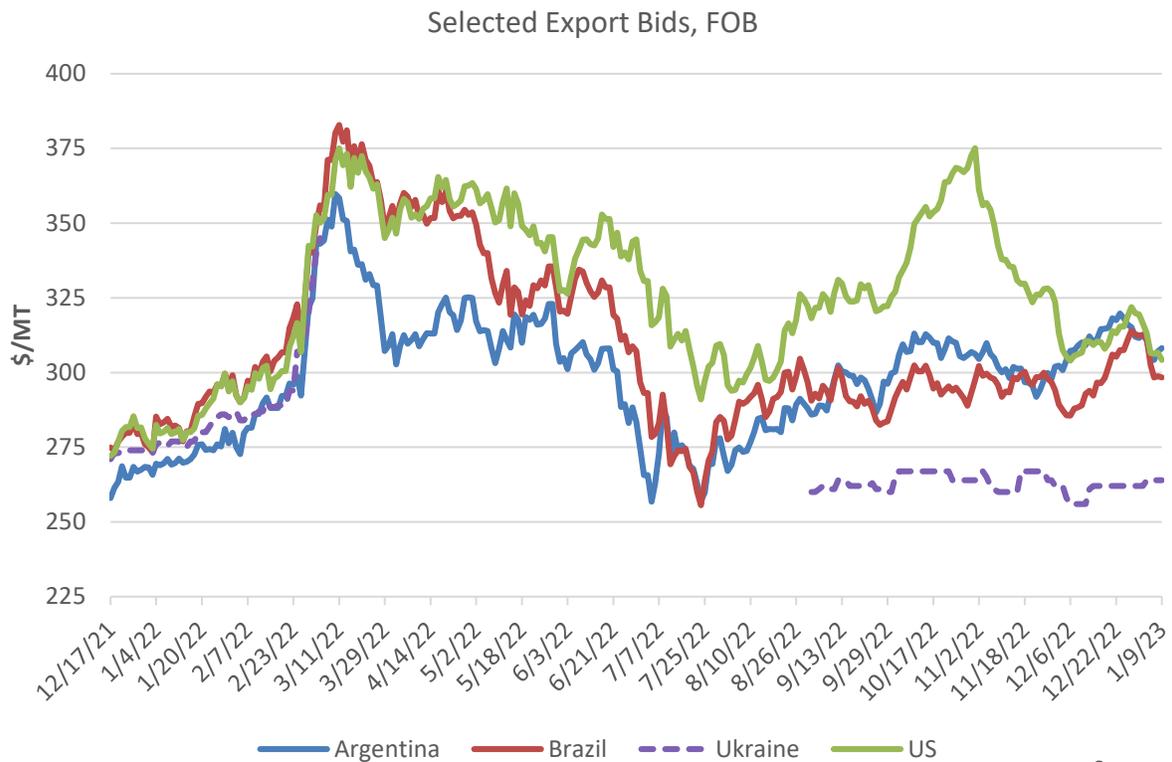
COARSE GRAINS

OVERVIEW FOR 2022/23

Global corn production is forecast lower with a sharply lower crops in the United States and Argentina and a cut to Brazil more than offsetting a larger crop in China. Global trade is forecast down this month as lower exports from Argentina and the United States more than offset higher exports from Brazil and Ukraine. Global imports are also forecast down this month on cuts to Vietnam, Thailand, and Peru. The U.S. season-average farm price is unchanged at \$6.70 per bushel.

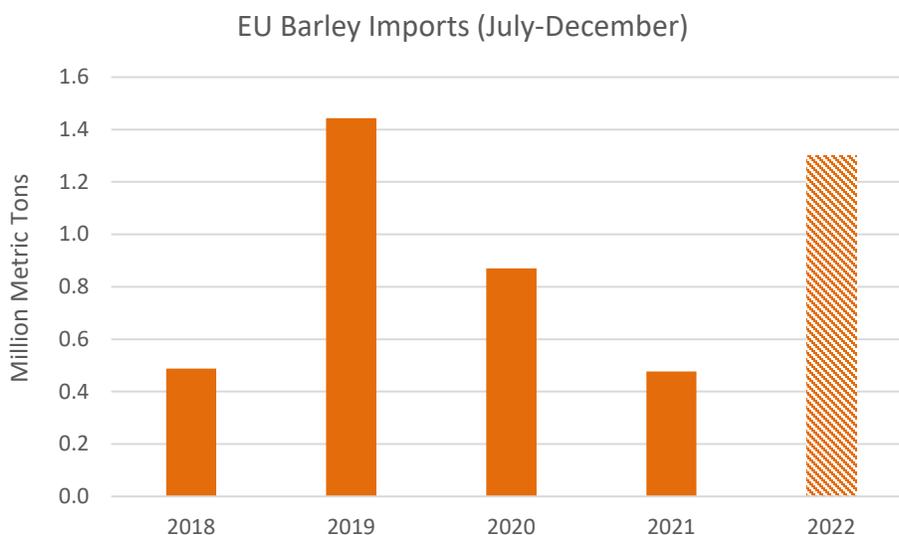
CORN PRICES

Since the December WASDE, U.S. and Argentine bids were little changed, whereas Brazilian and Ukrainian bids rose. U.S. bids were unchanged at \$304/ton. Per FGIS data, the volume of corn inspected for export in December improved over the comparatively weaker months of October and November. Brazilian bids were up \$12/ton to \$298. Demand remains strong for Brazil corn with 6.4 million tons exported in December per preliminary data, which would be a record for December exports and another of several monthly records achieved by Brazil corn exports this marketing year. Argentine bids were up just \$1/ton to \$308. Ukrainian bids were up \$8/ton to \$264. According to data from the Ministry of Agriculture, Ukraine corn exports totaled 3.3 million tons in December with 2.5 million tons exported via seaports.



MARKET FEATURE

European Union Barley Imports Surge



The negative impact of heat and dry weather in some European Union (EU) Member States, notably Spain, has caused substantial production losses and a subsequent surge in barley imports. EU Customs Surveillance data reports barley imports for the first half of marketing year (MY) 2022/23 (July-June) at 1.3 million tons, with over half of that amount going to Spain. While corn remains the dominant feed grain in Spain, barley maintains a price advantage over wheat and is forecast to have higher feed utilization in on farm applications in country. Given the heightened volume of imports during this period and projected needs for the remaining marketing year, USDA has revised the EU import forecast for 2022/23 to 1.8 million tons, up 38 percent over the previous month forecast and 82 percent higher than last year's level.

Most EU barley imports are being supplied by Ukraine (51 percent) and the United Kingdom (46 percent) and will be primarily allocated for feed. As a previous member state of the EU, the UK was an integral provider of barley for intra-EU trade. With the onset of Brexit, the UK has maintained a significant market presence as an external supplier.

EU 2022/23 barley feed and residual has been revised up to 34.6 million tons this month. The steep decline in [EU corn production](#)¹ year over year provides some room for the increased use of alternative feeds where possible. With larger global barley production, downward price pressure on barley in the region has encouraged more feed barley usage in the EU for the time being.

¹ <https://downloads.usda.library.cornell.edu/usda-esmis/files/zs25x844t/9w0339881/dn39z9131/grain.pdf>

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

| Country | Commodity | Attribute | Previous | Current | Change | Reason |
|----------------|-----------|-----------|----------|---------|--------|--|
| Argentina | Corn | Exports | 40,000 | 37,000 | -3,000 | Lower production in 2021/22 and 2022/23; pace of trade |
| Brazil | Corn | Exports | 46,500 | 48,500 | 2,000 | Expectation of strong January exports |
| China | Sorghum | Imports | 7,100 | 5,600 | -1,500 | Lower U.S. sorghum exports |
| European Union | Barley | Exports | 6,300 | 6,000 | -300 | Lower production; increased domestic feed use |
| | | Imports | 1,100 | 1,500 | 400 | Observed import increase |
| Paraguay | Corn | Exports | 2,800 | 3,300 | 500 | Strong pace of trade |
| Peru | Corn | Imports | 3,800 | 3,600 | -200 | Lower supplies from Argentina |
| Thailand | Corn | Imports | 1,700 | 1,500 | -200 | Observed trade to date and more feed wheat substitution |
| Ukraine | Corn | Exports | 17,500 | 20,500 | 3,000 | Observed volume of trade to date |
| United Kingdom | Barley | Exports | 850 | 1,200 | 350 | Strong exports to EU |
| United States | Corn | Exports | 55,000 | 51,000 | -4,000 | Weak total commitments per Export Sales Reporting and lower production |
| | Sorghum | Exports | 4,000 | 2,500 | -1,500 | |
| Vietnam | Corn | Imports | 10,200 | 9,700 | -500 | Weak pace of trade |

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

| Country | Commodity | Attribute | Previous | Current | Change |
|-----------|-----------|-----------|----------|---------|--------|
| Australia | Oats | Exports | 714 | 512 | -202 |
| Iran | Barley | Imports | 1,500 | 1,700 | 200 |
| Pakistan | Corn | Exports | 450 | 680 | 230 |

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](#) January 2023. 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>

| | | | |
|---------------------------|----------------|--|---------------|
| Amy Gaito | (202) 772-4890 | Amy.Gaito@usda.gov | Wheat |
| Lindsay Malecha | (202) 777-9054 | Lindsay.Malecha@usda.gov | Wheat |
| Rachel Trego | (202) 720-1073 | Rachel.Trego@usda.gov | Wheat/Rice |
| Adolfo Escoto | (202) 235-7550 | Adolfo.Escoto@usda.gov | Rice |
| Joshua DeMoss | (202) 692-0261 | Joshua.DeMoss@usda.gov | Rice |
| Kevin Min | (202) 720-0626 | Kevin.Min1@usda.gov | Coarse Grains |
| Tacarra Birmingham | (202) 235-7575 | Tacarra.Birmingham@usda.gov | Coarse Grains |
| Eric Gero | (202) 869-9092 | Eric.Gero@usda.gov | Coarse Grains |

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 | 5.1 | 358.4 | 382.9 | 348.8 |
| Other | | 724.7 | 734.5 | 736.4 | 502.1 | 508.9 | 497.9 | 770.8 | 832.0 | 807.1 |
| World Total | | 774.5 | 779.3 | 781.3 | 509.3 | 515.0 | 503.0 | 1,129.2 | 1,214.9 | 1,155.9 |
| Domestic Consumption | | | | | | | | | | |
| United States | (Jun-May) | 30.4 | 29.6 | 30.6 | 4.9 | 4.8 | 4.7 | 306.7 | 317.1 | 304.6 |
| Other | | 743.6 | 758.8 | 752.6 | 493.9 | 513.1 | 510.4 | 839.6 | 864.4 | 858.1 |
| World Total | | 774.0 | 788.4 | 783.2 | 498.8 | 517.9 | 515.1 | 1,146.3 | 1,181.5 | 1,162.7 |
| Ending Stocks | | | | | | | | | | |
| United States | (Jun-May) | 23.0 | 19.0 | 15.4 | 1.4 | 1.3 | 1.0 | 31.4 | 35.0 | 31.5 |
| Other | | 267.0 | 257.8 | 253.0 | 186.8 | 181.8 | 169.0 | 261.1 | 271.0 | 264.9 |
| World Total | | 290.0 | 276.8 | 268.4 | 188.2 | 183.1 | 170.0 | 292.5 | 306.0 | 296.4 |
| TY Imports | | | | | | | | | | |
| United States | (Jun-May) | 2.7 | 2.7 | 3.1 | 1.0 | 1.3 | 1.4 | 0.6 | 0.6 | 1.3 |
| Other | | 192.1 | 197.5 | 201.8 | 48.8 | 53.7 | 51.4 | 179.3 | 186.2 | 174.2 |
| World Total | | 194.8 | 200.2 | 204.9 | 49.8 | 55.0 | 52.8 | 179.9 | 186.8 | 175.5 |
| TY Exports | | | | | | | | | | |
| United States | (Jun-May) | 26.6 | 21.5 | 21.5 | 2.9 | 2.2 | 2.2 | 68.3 | 63.0 | 51.0 |
| Other | | 172.8 | 183.6 | 188.1 | 49.2 | 54.2 | 52.2 | 115.8 | 130.8 | 130.0 |
| World Total | | 199.4 | 205.1 | 209.6 | 52.1 | 56.4 | 54.4 | 184.1 | 193.8 | 181.0 |

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 Dec | 2022/23 Jan |
|----------------------|---------|---------|---------|---------|----------------|----------------|
| TY Exports | | | | | | |
| Russia | 35,863 | 34,485 | 39,100 | 33,000 | 43,000 | 43,000 |
| European Union | 24,686 | 39,788 | 29,736 | 31,915 | 36,000 | 36,500 |
| Australia | 9,835 | 10,118 | 19,720 | 25,958 | 28,500 | 28,500 |
| Canada | 24,475 | 22,991 | 27,723 | 15,007 | 26,000 | 26,000 |
| Ukraine | 16,019 | 21,016 | 16,851 | 18,844 | 12,500 | 13,000 |
| Kazakhstan | 8,780 | 6,888 | 8,128 | 8,455 | 9,000 | 9,000 |
| Argentina | 12,680 | 13,608 | 9,597 | 17,651 | 7,500 | 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 | 2,750 | 2,500 |
| Others | 11,827 | 11,591 | 10,803 | 12,479 | 11,759 | 11,879 |
| Subtotal | 151,929 | 168,121 | 172,737 | 183,627 | 187,259 | 188,129 |
| United States | 26,202 | 26,392 | 26,636 | 21,501 | 21,500 | 21,500 |
| World Total | 178,131 | 194,513 | 199,373 | 205,128 | 208,759 | 209,629 |
| TY Imports | | | | | | |
| Egypt | 12,354 | 12,811 | 12,149 | 11,256 | 11,000 | 11,000 |
| Indonesia | 10,934 | 10,586 | 9,995 | 11,229 | 11,000 | 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 | 8,200 | 8,200 |
| European Union | 5,763 | 5,551 | 5,390 | 4,612 | 7,000 | 8,000 |
| Morocco | 3,724 | 4,879 | 5,191 | 4,726 | 7,500 | 7,500 |
| Philippines | 7,570 | 7,065 | 6,113 | 6,865 | 6,700 | 6,500 |
| Nigeria | 4,659 | 5,338 | 6,586 | 6,187 | 6,100 | 6,100 |
| Bangladesh | 5,100 | 6,800 | 7,200 | 6,340 | 6,000 | 6,000 |
| Japan | 5,726 | 5,683 | 5,493 | 5,605 | 5,750 | 5,750 |
| Brazil | 7,442 | 7,063 | 6,359 | 6,582 | 5,600 | 5,600 |
| Iran | 170 | 2,500 | 2,200 | 8,000 | 5,500 | 5,000 |
| Korea, South | 3,908 | 3,941 | 3,889 | 5,099 | 5,000 | 5,000 |
| Mexico | 4,861 | 5,080 | 4,724 | 5,326 | 5,000 | 5,000 |
| Vietnam | 3,500 | 3,570 | 3,900 | 4,527 | 4,600 | 4,600 |
| Saudi Arabia | 2,920 | 3,668 | 2,773 | 3,052 | 3,500 | 3,700 |
| 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 |
| Afghanistan | 3,700 | 3,000 | 3,400 | 3,600 | 3,400 | 3,400 |
| Pakistan | 2 | 1 | 3,617 | 2,210 | 3,000 | 3,000 |
| Thailand | 2,899 | 3,501 | 3,306 | 2,351 | 2,900 | 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 | 58,465 | 59,493 | 59,069 | 58,580 | 58,830 |
| Subtotal | 170,914 | 186,602 | 192,101 | 197,498 | 201,030 | 201,780 |
| Unaccounted | 3,721 | 5,075 | 4,585 | 4,924 | 4,629 | 4,749 |
| United States | 3,496 | 2,836 | 2,687 | 2,706 | 3,100 | 3,100 |
| World Total | 178,131 | 194,513 | 199,373 | 205,128 | 208,759 | 209,629 |

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 Dec | 2022/23 Jan |
|--------------------------|---------|---------|---------|---------|----------------|----------------|
| Production | | | | | | |
| China | 131,441 | 133,600 | 134,250 | 136,946 | 138,000 | 137,723 |
| European Union | 123,124 | 138,799 | 126,684 | 138,216 | 134,300 | 134,700 |
| 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 | 36,600 | 36,600 |
| Canada | 32,352 | 32,670 | 35,437 | 22,296 | 33,824 | 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 | 21,000 |
| 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 | 15,500 |
| 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 | 12,500 | 12,500 |
| Egypt | 8,450 | 8,770 | 8,900 | 9,000 | 9,800 | 9,800 |
| Brazil | 5,428 | 5,200 | 6,250 | 7,700 | 9,500 | 9,500 |
| Others | 59,031 | 64,825 | 62,668 | 62,838 | 60,413 | 60,413 |
| Subtotal | 679,614 | 708,926 | 724,796 | 734,510 | 735,687 | 736,410 |
| United States | 51,306 | 52,581 | 49,751 | 44,804 | 44,902 | 44,902 |
| World Total | 730,920 | 761,507 | 774,547 | 779,314 | 780,589 | 781,312 |
| 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 | 108,250 | 108,250 |
| India | 95,629 | 95,403 | 102,217 | 109,882 | 104,000 | 104,075 |
| Russia | 40,500 | 40,000 | 42,500 | 42,750 | 45,000 | 45,000 |
| Pakistan | 25,400 | 25,500 | 26,300 | 27,700 | 29,200 | 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 | 17,800 | 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 | 11,700 | 11,700 |
| Algeria | 10,750 | 10,950 | 11,150 | 11,370 | 11,370 | 11,370 |
| Indonesia | 10,600 | 10,300 | 10,100 | 10,500 | 10,800 | 10,800 |
| Morocco | 10,700 | 10,400 | 10,400 | 10,600 | 10,600 | 10,600 |
| Ukraine | 8,800 | 8,300 | 8,700 | 10,000 | 9,700 | 9,200 |
| Uzbekistan | 8,800 | 9,000 | 8,900 | 8,450 | 8,600 | 8,600 |
| Others | 177,424 | 182,229 | 184,835 | 185,249 | 185,309 | 185,024 |
| Subtotal | 704,252 | 715,539 | 752,250 | 762,881 | 759,784 | 759,094 |
| United States | 29,986 | 30,437 | 30,412 | 29,607 | 29,747 | 30,644 |
| World Total | 734,238 | 745,976 | 782,662 | 792,488 | 789,531 | 789,738 |
| Ending Stocks | | | | | | |
| China | 138,088 | 150,015 | 144,120 | 141,759 | 144,359 | 144,082 |
| Russia | 7,778 | 7,228 | 11,380 | 11,088 | 14,388 | 14,388 |
| India | 16,992 | 24,700 | 27,800 | 19,500 | 12,275 | 12,625 |
| European Union | 15,798 | 13,110 | 10,698 | 13,361 | 10,411 | 11,311 |
| Iran | 4,936 | 4,786 | 4,336 | 5,086 | 5,586 | 5,086 |
| Algeria | 5,219 | 5,358 | 4,992 | 4,406 | 4,931 | 4,931 |
| Ukraine | 1,555 | 1,504 | 1,505 | 5,811 | 4,211 | 4,711 |
| Others | 62,821 | 63,418 | 62,157 | 56,796 | 55,625 | 55,815 |
| Subtotal | 253,187 | 270,119 | 266,988 | 257,807 | 251,786 | 252,949 |
| United States | 29,386 | 27,985 | 23,001 | 19,008 | 15,541 | 15,440 |
| World Total | 282,573 | 298,104 | 289,989 | 276,815 | 267,327 | 268,389 |

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

| | 2018/19 | 2019/20 | 2020/21 | 2021/22 | Dec 2022/23 | Jan 2022/23 |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| TY Imports | | | | | | |
| North America | 8,833 | 8,592 | 7,960 | 8,589 | 8,700 | 8,700 |
| Central America | 1,928 | 2,074 | 2,147 | 2,081 | 2,200 | 2,200 |
| South America | 14,955 | 15,537 | 15,246 | 14,763 | 14,570 | 14,570 |
| European Union | 5,763 | 5,551 | 5,390 | 4,612 | 7,000 | 8,000 |
| Other Europe | 4,663 | 3,533 | 4,799 | 4,412 | 3,560 | 3,535 |
| Former Soviet Union - 12 | 7,841 | 8,034 | 9,416 | 10,271 | 9,310 | 9,810 |
| Middle East | 24,705 | 31,116 | 27,139 | 34,872 | 35,360 | 34,860 |
| North Africa | 26,956 | 27,991 | 28,246 | 27,263 | 29,900 | 29,900 |
| Sub-Saharan Africa | 22,572 | 26,923 | 26,581 | 26,502 | 25,935 | 26,035 |
| East Asia | 15,011 | 17,270 | 22,206 | 22,166 | 22,230 | 22,230 |
| South Asia | 10,059 | 11,307 | 16,137 | 13,543 | 13,935 | 13,810 |
| Southeast Asia | 27,757 | 27,561 | 26,050 | 27,904 | 28,100 | 27,900 |
| Others | 3,367 | 3,949 | 3,471 | 3,226 | 3,330 | 3,330 |
| Total | 174,410 | 189,438 | 194,788 | 200,204 | 204,130 | 204,880 |
| Production | | | | | | |
| North America | 86,658 | 88,521 | 88,153 | 70,381 | 82,296 | 82,296 |
| South America | 28,859 | 28,773 | 27,853 | 33,586 | 25,957 | 25,957 |
| European Union | 123,124 | 138,799 | 126,684 | 138,216 | 134,300 | 134,700 |
| Other Europe | 18,129 | 19,831 | 14,080 | 18,582 | 20,040 | 20,140 |
| Former Soviet Union - 12 | 123,432 | 129,099 | 139,464 | 133,965 | 139,770 | 140,270 |
| Middle East | 38,879 | 43,246 | 43,399 | 34,503 | 36,955 | 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 | 139,444 |
| South Asia | 131,655 | 136,335 | 141,426 | 144,656 | 137,101 | 137,101 |
| Oceania | 17,969 | 14,878 | 32,377 | 36,770 | 37,055 | 37,055 |
| Others | 96 | 101 | 101 | 100 | 100 | 100 |
| Total | 730,920 | 761,507 | 774,547 | 779,314 | 780,589 | 781,312 |
| Domestic Consumption | | | | | | |
| North America | 46,606 | 47,587 | 46,712 | 47,026 | 45,897 | 46,794 |
| South America | 28,695 | 29,365 | 29,585 | 29,181 | 29,595 | 29,595 |
| European Union | 106,300 | 107,250 | 104,750 | 108,250 | 108,250 | 108,250 |
| Other Europe | 20,697 | 20,421 | 18,725 | 20,650 | 21,240 | 21,190 |
| Former Soviet Union - 12 | 76,435 | 75,560 | 78,545 | 79,235 | 81,415 | 81,015 |
| Middle East | 59,919 | 63,010 | 64,522 | 63,989 | 64,310 | 64,210 |
| North Africa | 46,100 | 46,250 | 46,620 | 47,020 | 47,220 | 47,220 |
| Sub-Saharan Africa | 30,319 | 32,945 | 34,583 | 34,664 | 34,568 | 34,703 |
| East Asia | 137,750 | 138,638 | 162,368 | 161,093 | 157,395 | 157,395 |
| South Asia | 138,996 | 139,880 | 148,353 | 157,459 | 152,051 | 151,926 |
| Southeast Asia | 26,165 | 26,355 | 25,980 | 26,265 | 27,175 | 26,975 |
| Oceania | 10,610 | 9,410 | 9,460 | 10,060 | 10,025 | 10,055 |
| Others | 3,614 | 3,694 | 3,816 | 3,516 | 3,835 | 3,835 |
| Total | 732,206 | 740,365 | 774,019 | 788,408 | 782,976 | 783,163 |
| Ending Stocks | | | | | | |
| North America | 36,030 | 33,869 | 29,216 | 23,201 | 19,678 | 19,577 |
| South America | 5,876 | 6,886 | 6,882 | 5,957 | 4,610 | 4,885 |
| European Union | 15,798 | 13,110 | 10,698 | 13,361 | 10,411 | 11,311 |
| Other Europe | 3,224 | 3,850 | 2,494 | 2,663 | 3,093 | 3,118 |
| Former Soviet Union - 12 | 14,883 | 13,141 | 18,239 | 21,267 | 22,722 | 23,622 |
| Middle East | 14,442 | 17,745 | 16,535 | 13,602 | 14,686 | 13,637 |
| North Africa | 15,537 | 14,357 | 11,242 | 10,856 | 10,636 | 10,636 |
| Sub-Saharan Africa | 2,926 | 4,220 | 4,486 | 4,522 | 4,319 | 4,368 |
| East Asia | 141,028 | 152,906 | 146,908 | 144,982 | 147,806 | 147,531 |
| South Asia | 21,466 | 28,203 | 34,242 | 26,305 | 18,655 | 19,005 |
| Southeast Asia | 6,186 | 6,240 | 5,124 | 5,527 | 5,307 | 5,307 |
| Oceania | 4,769 | 3,029 | 3,309 | 3,908 | 4,680 | 4,668 |
| Others | 408 | 548 | 614 | 664 | 724 | 724 |
| Total | 282,573 | 298,104 | 289,989 | 276,815 | 267,327 | 268,389 |

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 Dec | 2022/23 Jan |
|----------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| TY Exports | | | | | | |
| Argentina | 388 | 335 | 400 | 400 | 350 | 350 |
| Australia | 134 | 42 | 72 | 200 | 225 | 225 |
| Brazil | 954 | 1,240 | 782 | 1,375 | 900 | 1,100 |
| Burma | 2,700 | 2,300 | 1,900 | 2,300 | 2,400 | 2,400 |
| Cambodia | 1,350 | 1,350 | 1,850 | 1,700 | 1,500 | 1,600 |
| China | 2,720 | 2,265 | 2,407 | 2,250 | 2,200 | 2,200 |
| European Union | 506 | 543 | 413 | 440 | 400 | 400 |
| Guyana | 511 | 552 | 406 | 380 | 450 | 380 |
| India | 9,813 | 14,577 | 21,238 | 21,800 | 20,000 | 20,500 |
| Pakistan | 4,550 | 3,934 | 3,928 | 4,800 | 4,000 | 4,000 |
| Paraguay | 689 | 803 | 640 | 720 | 700 | 700 |
| Thailand | 7,565 | 5,715 | 6,283 | 7,900 | 8,500 | 8,500 |
| Turkey | 202 | 234 | 241 | 250 | 230 | 230 |
| Uruguay | 809 | 969 | 704 | 950 | 900 | 900 |
| Vietnam | 6,581 | 6,167 | 6,272 | 7,200 | 7,400 | 7,400 |
| Others | 1,309 | 1,486 | 1,605 | 1,600 | 1,355 | 1,340 |
| Subtotal | 40,781 | 42,512 | 49,141 | 54,265 | 51,510 | 52,225 |
| United States | 3,142 | 2,857 | 2,917 | 2,160 | 2,250 | 2,150 |
| World Total | 43,923 | 45,369 | 52,058 | 56,425 | 53,760 | 54,375 |
| TY Imports | | | | | | |
| Angola | 450 | 500 | 500 | 750 | 600 | 650 |
| Brazil | 691 | 876 | 685 | 850 | 850 | 850 |
| China | 2,800 | 3,200 | 4,921 | 6,200 | 5,200 | 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 | 2,650 | 2,650 |
| Ghana | 900 | 850 | 1,050 | 700 | 950 | 950 |
| Guinea | 530 | 670 | 940 | 850 | 800 | 800 |
| Indonesia | 600 | 550 | 650 | 750 | 750 | 750 |
| Iran | 1,400 | 1,125 | 875 | 1,200 | 1,200 | 1,200 |
| Iraq | 1,263 | 970 | 1,280 | 2,000 | 1,600 | 1,600 |
| Japan | 678 | 676 | 662 | 685 | 685 | 685 |
| Malaysia | 1,000 | 1,220 | 1,160 | 1,200 | 1,200 | 1,200 |
| Mexico | 740 | 843 | 759 | 775 | 800 | 800 |
| Mozambique | 635 | 655 | 700 | 700 | 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 | 3,700 | 3,400 | 3,600 |
| 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 | 1,075 | 1,025 | 1,100 |
| Sri Lanka | 24 | 16 | 147 | 825 | 700 | 700 |
| United Arab Emirates | 850 | 850 | 750 | 900 | 950 | 950 |
| United Kingdom | 587 | 695 | 604 | 650 | 660 | 660 |
| Vietnam | 500 | 400 | 1,800 | 1,500 | 700 | 1,000 |
| Others | 15,343 | 15,900 | 17,454 | 17,265 | 17,199 | 17,174 |
| Subtotal | 41,349 | 42,688 | 48,859 | 53,725 | 50,769 | 51,369 |
| Unaccounted | 1,592 | 1,471 | 2,221 | 1,400 | 1,566 | 1,581 |
| United States | 982 | 1,210 | 978 | 1,300 | 1,425 | 1,425 |
| World Total | 43,923 | 45,369 | 52,058 | 56,425 | 53,760 | 54,375 |

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 Dec | 2022/23 Jan |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Milled Production | | | | | | |
| China | 148,490 | 146,730 | 148,300 | 148,990 | 147,000 | 145,946 |
| India | 116,480 | 118,870 | 124,370 | 130,290 | 124,000 | 125,000 |
| 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 | 7,235 | 7,235 |
| Pakistan | 7,202 | 7,206 | 8,420 | 9,323 | 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 | 3,763 | 3,763 |
| Nepal | 3,736 | 3,697 | 3,744 | 3,417 | 3,620 | 3,654 |
| Others | 43,780 | 46,670 | 46,942 | 44,977 | 44,924 | 44,769 |
| Subtotal | 491,114 | 493,066 | 502,101 | 508,871 | 498,051 | 497,876 |
| United States | 7,107 | 5,877 | 7,224 | 6,083 | 5,218 | 5,092 |
| World Total | 498,221 | 498,943 | 509,325 | 514,954 | 503,269 | 502,968 |
| Consumption and Residual | | | | | | |
| China | 142,920 | 145,230 | 150,293 | 156,360 | 155,000 | 153,946 |
| India | 99,160 | 101,950 | 101,054 | 111,265 | 108,500 | 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 | 15,750 |
| Thailand | 11,800 | 12,300 | 12,700 | 12,800 | 12,800 | 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 | 7,200 | 7,200 |
| Nepal | 4,376 | 4,522 | 4,969 | 4,417 | 4,720 | 4,754 |
| Cambodia | 4,300 | 4,350 | 4,250 | 4,150 | 4,300 | 4,100 |
| 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 | 71,872 | 74,266 | 75,164 | 75,485 |
| Subtotal | 480,495 | 489,390 | 498,707 | 515,288 | 512,404 | 511,430 |
| United States | 4,577 | 4,586 | 4,860 | 4,799 | 4,508 | 4,667 |
| World Total | 485,072 | 493,976 | 503,567 | 520,087 | 516,912 | 516,097 |
| Ending Stocks | | | | | | |
| China | 115,000 | 116,500 | 116,500 | 113,000 | 108,000 | 108,000 |
| India | 29,500 | 33,900 | 37,000 | 34,000 | 29,500 | 30,000 |
| Philippines | 3,520 | 3,597 | 3,763 | 4,503 | 4,714 | 4,764 |
| Indonesia | 4,063 | 3,313 | 3,060 | 2,910 | 2,760 | 2,760 |
| Thailand | 4,010 | 3,900 | 3,980 | 3,283 | 2,533 | 2,233 |
| Nigeria | 1,828 | 1,492 | 1,690 | 2,045 | 1,785 | 1,835 |
| Japan | 2,046 | 1,980 | 1,937 | 1,979 | 1,794 | 1,794 |
| Others | 16,129 | 16,895 | 18,928 | 20,131 | 16,347 | 17,578 |
| Subtotal | 176,096 | 181,577 | 186,858 | 181,851 | 167,433 | 168,964 |
| United States | 1,424 | 910 | 1,387 | 1,261 | 1,209 | 1,019 |
| World Total | 177,520 | 182,487 | 188,245 | 183,112 | 168,642 | 169,983 |

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 | Dec 2022/23 | Jan 2022/23 |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| TY Imports | | | | | | |
| North America | 2,143 | 2,530 | 2,147 | 2,625 | 2,750 | 2,750 |
| Caribbean | 1,076 | 1,211 | 1,013 | 967 | 1,035 | 1,035 |
| South America | 1,921 | 2,287 | 1,753 | 1,927 | 2,110 | 2,070 |
| Other Europe | 707 | 818 | 714 | 730 | 785 | 785 |
| Former Soviet Union - 12 | 569 | 517 | 585 | 549 | 595 | 605 |
| Middle East | 7,205 | 6,957 | 6,158 | 7,585 | 7,280 | 7,290 |
| North Africa | 1,022 | 575 | 595 | 970 | 850 | 850 |
| Sub-Saharan Africa | 13,815 | 14,315 | 15,965 | 17,620 | 16,780 | 16,900 |
| East Asia | 4,404 | 4,805 | 6,562 | 7,820 | 6,895 | 6,895 |
| South Asia | 951 | 1,405 | 4,389 | 2,905 | 2,757 | 2,757 |
| Southeast Asia | 5,815 | 5,399 | 7,249 | 7,792 | 6,682 | 7,182 |
| European Union | 1,799 | 1,999 | 1,862 | 2,500 | 2,650 | 2,650 |
| Total | 42,331 | 43,898 | 49,837 | 55,025 | 52,194 | 52,794 |
| Production | | | | | | |
| North America | 7,295 | 6,052 | 7,425 | 6,264 | 5,406 | 5,267 |
| Caribbean | 1,010 | 957 | 886 | 885 | 871 | 871 |
| South America | 15,964 | 16,327 | 17,150 | 16,245 | 16,442 | 16,442 |
| European Union | 1,843 | 1,888 | 1,826 | 1,723 | 1,285 | 1,285 |
| Former Soviet Union - 12 | 1,271 | 1,414 | 1,426 | 1,345 | 1,236 | 1,094 |
| 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 | 160,770 | 159,716 |
| South Asia | 165,688 | 169,207 | 174,867 | 181,953 | 172,600 | 173,634 |
| Southeast Asia | 116,064 | 113,198 | 115,200 | 115,616 | 116,520 | 116,520 |
| Total | 498,221 | 498,943 | 509,325 | 514,954 | 503,269 | 502,968 |
| Domestic Consumption | | | | | | |
| North America | 5,911 | 5,982 | 6,232 | 6,217 | 5,998 | 6,147 |
| Central America | 1,358 | 1,379 | 1,336 | 1,396 | 1,381 | 1,381 |
| Caribbean | 2,107 | 2,018 | 1,945 | 1,859 | 1,901 | 1,901 |
| South America | 14,895 | 14,852 | 14,965 | 14,881 | 14,973 | 14,946 |
| European Union | 3,246 | 3,394 | 3,400 | 3,500 | 3,550 | 3,550 |
| Former Soviet Union - 12 | 1,574 | 1,641 | 1,717 | 1,685 | 1,675 | 1,668 |
| Middle East | 9,192 | 9,406 | 9,086 | 9,410 | 9,725 | 9,815 |
| North Africa | 4,591 | 4,604 | 4,625 | 4,363 | 4,442 | 4,442 |
| Sub-Saharan Africa | 33,628 | 34,453 | 35,432 | 37,273 | 37,591 | 37,766 |
| East Asia | 158,933 | 161,013 | 165,380 | 171,405 | 170,200 | 169,146 |
| South Asia | 145,673 | 149,410 | 149,718 | 160,072 | 157,800 | 157,934 |
| Southeast Asia | 102,952 | 103,718 | 103,901 | 104,726 | 105,226 | 105,176 |
| Total | 485,118 | 492,961 | 498,848 | 517,907 | 515,642 | 515,052 |
| Ending Stocks | | | | | | |
| North America | 1,574 | 1,081 | 1,591 | 1,416 | 1,362 | 1,169 |
| Central America | 338 | 359 | 246 | 260 | 264 | 243 |
| Caribbean | 301 | 327 | 327 | 340 | 333 | 333 |
| South America | 2,602 | 2,312 | 2,899 | 2,211 | 1,610 | 2,072 |
| European Union | 942 | 917 | 682 | 921 | 906 | 906 |
| Middle East | 1,238 | 1,804 | 1,560 | 1,782 | 1,839 | 1,917 |
| North Africa | 949 | 1,232 | 1,159 | 613 | 690 | 658 |
| Sub-Saharan Africa | 3,597 | 3,082 | 3,091 | 3,968 | 3,495 | 3,510 |
| East Asia | 118,766 | 120,224 | 120,098 | 116,966 | 111,906 | 111,906 |
| South Asia | 32,170 | 36,799 | 40,836 | 39,392 | 33,066 | 33,681 |
| Southeast Asia | 14,810 | 14,033 | 15,356 | 14,618 | 12,689 | 13,144 |
| Oceania | 52 | 15 | 93 | 283 | 219 | 221 |
| Total | 177,520 | 182,487 | 188,245 | 183,112 | 168,642 | 169,983 |

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 Dec | 2022/23 Jan |
|----------------------|---------|---------|---------|---------|----------------|----------------|
| TY Exports | | | | | | |
| Argentina | 36,134 | 42,943 | 40,977 | 44,418 | 44,801 | 41,801 |
| Australia | 4,049 | 3,627 | 9,705 | 11,112 | 10,475 | 10,475 |
| Brazil | 38,812 | 34,141 | 27,504 | 32,456 | 46,525 | 48,525 |
| Canada | 5,805 | 5,278 | 7,221 | 5,536 | 6,675 | 6,675 |
| European Union | 10,412 | 13,492 | 12,553 | 12,779 | 8,770 | 8,470 |
| India | 537 | 1,158 | 3,735 | 3,484 | 2,855 | 2,855 |
| Paraguay | 2,568 | 2,089 | 2,564 | 3,208 | 2,805 | 3,305 |
| Russia | 7,402 | 9,292 | 9,871 | 7,375 | 8,950 | 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 | 19,930 | 22,930 |
| Others | 13,329 | 13,603 | 13,567 | 12,557 | 9,348 | 9,983 |
| Subtotal | 155,113 | 162,176 | 159,502 | 166,661 | 164,544 | 167,379 |
| United States | 51,838 | 52,632 | 75,623 | 70,435 | 59,185 | 53,660 |
| World Total | 206,951 | 214,808 | 235,125 | 237,096 | 223,729 | 221,039 |
| TY Imports | | | | | | |
| Algeria | 5,301 | 5,649 | 5,004 | 3,965 | 4,510 | 4,405 |
| 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 | 34,450 | 32,950 |
| Colombia | 6,390 | 6,285 | 6,132 | 6,846 | 6,301 | 6,301 |
| Egypt | 9,568 | 10,439 | 9,653 | 9,771 | 9,210 | 9,210 |
| European Union | 26,290 | 18,666 | 15,820 | 21,619 | 22,860 | 23,260 |
| Guatemala | 1,224 | 1,527 | 1,346 | 1,612 | 1,600 | 1,600 |
| Iran | 12,200 | 9,102 | 10,902 | 10,302 | 11,000 | 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 | 11,100 | 11,100 |
| Malaysia | 3,690 | 3,806 | 3,726 | 3,697 | 3,825 | 3,825 |
| Mexico | 17,415 | 17,576 | 17,301 | 18,486 | 18,070 | 18,070 |
| Morocco | 2,922 | 4,062 | 2,937 | 2,774 | 3,012 | 2,912 |
| Peru | 3,875 | 4,090 | 3,851 | 3,659 | 3,951 | 3,751 |
| 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 | 2,100 | 1,900 |
| Tunisia | 1,418 | 1,660 | 1,902 | 1,635 | 1,650 | 1,550 |
| Turkey | 4,044 | 4,011 | 3,421 | 5,863 | 3,300 | 3,300 |
| United Kingdom | 2,965 | 2,589 | 2,695 | 2,637 | 1,952 | 1,952 |
| Vietnam | 11,033 | 12,198 | 11,947 | 9,653 | 10,900 | 10,400 |
| Others | 24,354 | 25,105 | 24,281 | 28,696 | 23,798 | 23,762 |
| Subtotal | 196,529 | 203,336 | 227,217 | 228,818 | 213,427 | 211,086 |
| Unaccounted | 7,797 | 8,480 | 5,378 | 5,627 | 7,026 | 6,677 |
| United States | 2,625 | 2,992 | 2,530 | 2,651 | 3,276 | 3,276 |
| World Total | 206,951 | 214,808 | 235,125 | 237,096 | 223,729 | 221,039 |

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 Dec | 2022/23 Jan |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Production | | | | | | |
| Argentina | 58,798 | 57,940 | 60,010 | 59,159 | 63,811 | 60,811 |
| Australia | 11,508 | 12,003 | 18,560 | 18,757 | 18,169 | 18,169 |
| Brazil | 104,334 | 105,815 | 90,321 | 120,621 | 130,536 | 129,536 |
| Canada | 26,203 | 28,611 | 29,644 | 24,427 | 30,535 | 30,535 |
| China | 265,006 | 269,067 | 269,083 | 280,852 | 282,300 | 285,500 |
| Ethiopia | 17,929 | 18,406 | 19,095 | 17,200 | 18,200 | 18,200 |
| European Union | 140,703 | 152,817 | 155,458 | 154,407 | 135,675 | 135,610 |
| 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 | 41,000 | 41,000 |
| South Africa | 12,417 | 16,367 | 17,814 | 16,599 | 17,243 | 17,243 |
| Turkey | 13,251 | 14,451 | 15,761 | 11,581 | 14,471 | 14,471 |
| Ukraine | 44,503 | 46,545 | 39,585 | 53,514 | 34,460 | 34,160 |
| Others | 187,083 | 184,979 | 194,030 | 189,251 | 185,077 | 185,282 |
| Subtotal | 1,025,015 | 1,060,555 | 1,068,301 | 1,102,989 | 1,088,852 | 1,087,892 |
| United States | 377,905 | 359,434 | 372,887 | 397,710 | 364,770 | 358,466 |
| World Total | 1,402,920 | 1,419,989 | 1,441,188 | 1,500,699 | 1,453,622 | 1,446,358 |
| Domestic Consumption | | | | | | |
| Argentina | 17,791 | 17,575 | 17,020 | 17,644 | 17,666 | 17,666 |
| Brazil | 70,983 | 72,844 | 73,855 | 77,176 | 81,986 | 80,986 |
| Canada | 24,114 | 24,930 | 24,647 | 25,122 | 24,913 | 24,913 |
| China | 287,812 | 296,210 | 313,107 | 320,025 | 319,850 | 320,350 |
| Egypt | 17,186 | 17,979 | 17,265 | 17,881 | 17,268 | 17,263 |
| Ethiopia | 18,161 | 18,451 | 19,144 | 17,625 | 18,325 | 18,325 |
| European Union | 158,504 | 158,938 | 159,408 | 159,891 | 152,981 | 153,781 |
| India | 44,571 | 45,775 | 47,546 | 47,795 | 48,170 | 48,250 |
| Indonesia | 12,900 | 12,600 | 13,300 | 13,800 | 14,100 | 14,100 |
| Iran | 16,520 | 14,621 | 15,320 | 14,720 | 15,221 | 15,221 |
| Japan | 17,953 | 17,867 | 17,290 | 16,832 | 16,746 | 16,746 |
| Mexico | 50,505 | 50,310 | 49,835 | 50,765 | 51,060 | 51,060 |
| Nigeria | 19,829 | 20,689 | 20,955 | 21,172 | 21,600 | 21,600 |
| Russia | 27,367 | 31,387 | 31,042 | 31,109 | 32,100 | 32,100 |
| Turkey | 16,651 | 17,761 | 18,051 | 17,697 | 17,081 | 17,181 |
| Others | 283,021 | 290,104 | 302,358 | 293,014 | 293,175 | 289,855 |
| Subtotal | 1,100,836 | 1,113,985 | 1,139,878 | 1,163,956 | 1,148,771 | 1,143,185 |
| United States | 322,984 | 320,685 | 315,967 | 326,274 | 314,724 | 313,945 |
| World Total | 1,423,820 | 1,434,670 | 1,455,845 | 1,490,230 | 1,463,495 | 1,457,130 |
| Ending Stocks | | | | | | |
| Australia | 2,427 | 3,005 | 2,980 | 3,471 | 3,060 | 3,267 |
| Brazil | 5,671 | 5,821 | 4,601 | 4,477 | 8,802 | 7,802 |
| Canada | 3,288 | 3,983 | 3,609 | 3,677 | 3,666 | 3,666 |
| China | 210,660 | 200,956 | 207,455 | 209,773 | 206,623 | 207,823 |
| European Union | 14,505 | 14,155 | 14,624 | 16,769 | 13,793 | 13,728 |
| Mexico | 5,784 | 4,138 | 3,604 | 3,932 | 3,836 | 3,836 |
| Ukraine | 2,043 | 2,550 | 1,654 | 6,174 | 7,957 | 6,257 |
| Others | 47,114 | 50,844 | 50,085 | 47,237 | 42,108 | 41,939 |
| Subtotal | 291,492 | 285,452 | 288,612 | 295,510 | 289,845 | 288,318 |
| United States | 60,471 | 51,830 | 34,013 | 37,584 | 34,424 | 34,004 |
| World Total | 351,963 | 337,282 | 322,625 | 333,094 | 324,269 | 322,322 |

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

| | 2018/19 | 2019/20 | 2020/21 | 2021/22 | Dec 2022/23 | Jan 2022/23 |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| TY Imports | | | | | | |
| North America | 22,610 | 22,540 | 21,702 | 27,478 | 22,388 | 22,388 |
| Central America | 4,352 | 4,904 | 4,734 | 5,439 | 5,250 | 5,250 |
| Caribbean | 2,379 | 2,275 | 2,399 | 2,128 | 2,573 | 2,373 |
| South America | 15,686 | 16,998 | 16,844 | 18,834 | 16,128 | 15,930 |
| European Union | 26,290 | 18,666 | 15,820 | 21,619 | 22,860 | 23,260 |
| Former Soviet Union - 12 | 1,025 | 1,134 | 771 | 764 | 601 | 621 |
| Middle East | 34,087 | 34,026 | 32,549 | 33,226 | 31,701 | 31,756 |
| North Africa | 20,782 | 23,551 | 21,221 | 19,445 | 19,832 | 19,527 |
| Sub-Saharan Africa | 3,494 | 3,858 | 3,581 | 3,961 | 3,606 | 3,617 |
| East Asia | 43,904 | 51,829 | 83,826 | 74,302 | 66,640 | 65,140 |
| Southeast Asia | 17,880 | 19,968 | 20,201 | 17,380 | 19,420 | 18,670 |
| Others | 6,665 | 6,579 | 6,099 | 6,893 | 5,704 | 5,830 |
| Total | 199,154 | 206,328 | 229,747 | 231,469 | 216,703 | 214,362 |
| Production | | | | | | |
| North America | 437,578 | 420,140 | 435,193 | 454,922 | 428,800 | 422,496 |
| South America | 178,754 | 178,266 | 164,879 | 196,284 | 210,336 | 206,291 |
| European Union | 140,703 | 152,817 | 155,458 | 154,407 | 135,675 | 135,610 |
| Other Europe | 18,625 | 20,815 | 21,796 | 18,158 | 17,595 | 17,845 |
| Former Soviet Union - 12 | 93,534 | 101,456 | 94,724 | 105,134 | 88,056 | 87,756 |
| 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 | 129,172 | 129,172 |
| East Asia | 268,321 | 272,189 | 271,807 | 283,675 | 285,085 | 288,285 |
| South Asia | 57,684 | 64,124 | 69,562 | 70,752 | 68,334 | 68,334 |
| Southeast Asia | 34,820 | 33,928 | 35,693 | 35,408 | 34,770 | 34,770 |
| Oceania | 12,104 | 12,610 | 19,111 | 19,316 | 18,753 | 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 | 1,500,699 | 1,453,622 | 1,446,358 |
| Domestic Consumption | | | | | | |
| North America | 397,603 | 395,925 | 390,449 | 402,161 | 390,697 | 389,918 |
| South America | 115,248 | 117,479 | 118,113 | 121,999 | 127,263 | 126,038 |
| European Union | 158,504 | 158,938 | 159,408 | 159,891 | 152,981 | 153,781 |
| Other Europe | 18,010 | 18,650 | 20,684 | 18,936 | 18,248 | 17,926 |
| Former Soviet Union - 12 | 51,017 | 56,378 | 56,609 | 59,271 | 57,203 | 55,603 |
| Middle East | 55,042 | 56,210 | 55,689 | 52,667 | 52,657 | 52,814 |
| North Africa | 32,441 | 35,511 | 32,790 | 31,899 | 31,355 | 31,145 |
| Sub-Saharan Africa | 125,849 | 123,881 | 130,454 | 125,368 | 130,612 | 130,512 |
| East Asia | 324,369 | 333,520 | 349,432 | 355,766 | 354,945 | 355,445 |
| South Asia | 60,929 | 63,668 | 68,463 | 69,499 | 69,729 | 69,834 |
| Southeast Asia | 48,225 | 48,472 | 53,412 | 51,227 | 50,474 | 49,724 |
| Oceania | 8,139 | 8,310 | 8,791 | 7,944 | 8,583 | 8,583 |
| Others | 11,476 | 11,784 | 11,816 | 11,914 | 12,219 | 12,019 |
| Total | 1,406,852 | 1,428,726 | 1,456,110 | 1,468,542 | 1,456,966 | 1,453,342 |
| Ending Stocks | | | | | | |
| North America | 69,543 | 59,951 | 41,226 | 45,193 | 41,926 | 41,506 |
| South America | 12,820 | 13,730 | 9,616 | 9,491 | 13,901 | 12,724 |
| European Union | 14,505 | 14,155 | 14,624 | 16,769 | 13,793 | 13,728 |
| Other Europe | 2,827 | 3,013 | 2,946 | 2,710 | 2,225 | 2,423 |
| Former Soviet Union - 12 | 4,973 | 6,275 | 5,221 | 9,596 | 11,217 | 9,537 |
| Middle East | 5,563 | 6,441 | 6,282 | 5,182 | 4,938 | 4,938 |
| North Africa | 3,748 | 3,490 | 2,551 | 3,042 | 2,825 | 2,763 |
| Sub-Saharan Africa | 11,273 | 11,240 | 12,924 | 13,303 | 10,946 | 10,957 |
| East Asia | 215,242 | 205,707 | 211,900 | 214,103 | 210,833 | 212,033 |
| South Asia | 3,766 | 5,068 | 5,743 | 5,540 | 4,236 | 4,080 |
| Southeast Asia | 4,037 | 4,183 | 5,616 | 3,644 | 3,377 | 3,377 |
| Oceania | 2,516 | 3,098 | 3,084 | 3,585 | 3,139 | 3,356 |
| Others | 1,150 | 931 | 892 | 936 | 913 | 900 |
| Total | 351,963 | 337,282 | 322,625 | 333,094 | 324,269 | 322,322 |

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 Dec | 2022/23 Jan |
|----------------------|---------|---------|---------|---------|----------------|----------------|
| TY Exports | | | | | | |
| Argentina | 32,879 | 39,917 | 36,544 | 38,853 | 40,000 | 37,000 |
| Brazil | 38,773 | 34,137 | 27,492 | 32,439 | 46,500 | 48,500 |
| 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 | 2,200 | 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 | 3,300 |
| Russia | 2,770 | 4,072 | 3,989 | 4,000 | 3,300 | 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 | 17,500 | 20,500 |
| Others | 7,830 | 7,810 | 7,170 | 7,481 | 4,727 | 4,967 |
| Subtotal | 124,289 | 128,836 | 115,777 | 130,861 | 127,277 | 130,017 |
| United States | 49,297 | 47,035 | 68,293 | 62,978 | 55,000 | 51,000 |
| World Total | 173,586 | 175,871 | 184,070 | 193,839 | 182,277 | 181,017 |
| 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 | 1,356 | 1,550 | 1,450 |
| Egypt | 9,367 | 10,432 | 9,633 | 9,763 | 9,200 | 9,200 |
| European Union | 23,583 | 17,384 | 14,493 | 19,783 | 21,500 | 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 | 8,500 | 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 | 11,000 | 11,000 |
| Malaysia | 3,674 | 3,777 | 3,700 | 3,678 | 3,800 | 3,800 |
| Mexico | 16,658 | 16,526 | 16,498 | 17,572 | 17,200 | 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 | 3,600 |
| 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 | 1,500 |
| Turkey | 3,669 | 3,004 | 1,787 | 3,784 | 2,500 | 2,500 |
| United Kingdom | 2,847 | 2,461 | 2,546 | 2,521 | 1,800 | 1,800 |
| Vietnam | 10,900 | 12,000 | 11,200 | 9,100 | 10,200 | 9,700 |
| Others | 19,180 | 20,500 | 18,323 | 23,432 | 18,374 | 18,310 |
| Subtotal | 167,097 | 168,783 | 179,222 | 186,234 | 175,324 | 174,260 |
| Unaccounted | 5,689 | 6,129 | 4,219 | 6,998 | 5,703 | 5,507 |
| United States | 800 | 959 | 629 | 607 | 1,250 | 1,250 |
| World Total | 173,586 | 175,871 | 184,070 | 193,839 | 182,277 | 181,017 |

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 Dec | 2022/23 Jan |
|--------------------------|-----------|-----------|-----------|-----------|----------------|----------------|
| Production | | | | | | |
| Argentina | 51,000 | 51,000 | 52,000 | 49,500 | 55,000 | 52,000 |
| Brazil | 101,000 | 102,000 | 87,000 | 116,000 | 126,000 | 125,000 |
| Canada | 13,885 | 13,404 | 13,563 | 13,984 | 14,539 | 14,539 |
| China | 257,174 | 260,779 | 260,670 | 272,552 | 274,000 | 277,200 |
| Ethiopia | 10,120 | 9,636 | 10,557 | 9,400 | 10,200 | 10,200 |
| European Union | 64,351 | 66,742 | 67,440 | 70,979 | 54,200 | 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 | 14,000 | 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 | 27,000 | 27,000 |
| Others | 115,026 | 111,578 | 117,121 | 121,330 | 114,609 | 114,564 |
| Subtotal | 764,420 | 777,182 | 770,756 | 831,982 | 808,028 | 807,183 |
| United States | 364,262 | 345,962 | 358,447 | 382,893 | 353,836 | 348,751 |
| World Total | 1,128,682 | 1,123,144 | 1,129,203 | 1,214,875 | 1,161,864 | 1,155,934 |
| Total Consumption | | | | | | |
| Argentina | 13,800 | 13,500 | 13,500 | 13,700 | 14,000 | 14,000 |
| Brazil | 67,000 | 68,500 | 70,000 | 72,000 | 77,000 | 76,000 |
| Canada | 15,088 | 13,958 | 13,976 | 17,357 | 14,500 | 14,500 |
| China | 274,000 | 278,000 | 285,000 | 291,000 | 295,000 | 297,000 |
| Egypt | 16,200 | 16,900 | 16,400 | 17,000 | 16,400 | 16,400 |
| European Union | 85,000 | 79,000 | 77,700 | 82,700 | 76,100 | 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 | 11,050 | 11,050 |
| Mexico | 44,100 | 43,800 | 43,800 | 44,000 | 44,200 | 44,200 |
| Nigeria | 11,300 | 12,100 | 12,500 | 12,600 | 12,800 | 12,800 |
| Russia | 8,500 | 9,800 | 10,000 | 11,100 | 10,900 | 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 | 13,550 | 13,050 |
| Others | 191,038 | 194,219 | 198,695 | 204,785 | 201,894 | 199,679 |
| Subtotal | 837,185 | 828,793 | 837,389 | 884,341 | 865,104 | 860,908 |
| United States | 310,391 | 309,504 | 306,686 | 317,115 | 305,449 | 304,561 |
| World Total | 1,147,576 | 1,138,297 | 1,144,075 | 1,201,456 | 1,170,553 | 1,165,469 |
| Ending Stocks | | | | | | |
| Brazil | 5,311 | 5,328 | 4,153 | 3,953 | 8,253 | 7,253 |
| Canada | 1,979 | 2,560 | 2,169 | 2,746 | 2,185 | 2,185 |
| China | 210,179 | 200,526 | 205,704 | 209,137 | 206,117 | 207,317 |
| European Union | 7,644 | 7,382 | 7,880 | 9,942 | 7,342 | 7,342 |
| Korea, South | 1,835 | 1,998 | 2,018 | 2,063 | 2,092 | 2,092 |
| Mexico | 5,160 | 3,515 | 3,079 | 3,163 | 3,163 | 3,163 |
| Ukraine | 891 | 1,478 | 832 | 5,093 | 6,893 | 5,393 |
| Others | 33,151 | 35,863 | 35,342 | 34,882 | 30,434 | 30,136 |
| Subtotal | 266,150 | 258,650 | 261,177 | 270,979 | 266,479 | 264,881 |
| United States | 56,410 | 48,757 | 31,358 | 34,975 | 31,925 | 31,538 |
| World Total | 322,560 | 307,407 | 292,535 | 305,954 | 298,404 | 296,419 |

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

| | 2018/19 | 2019/20 | 2020/21 | 2021/22 | Dec 2022/23 | Jan 2022/23 |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| TY Imports | | | | | | |
| North America | 19,979 | 19,352 | 18,677 | 24,287 | 19,450 | 19,450 |
| Central America | 4,352 | 4,904 | 4,734 | 5,439 | 5,250 | 5,250 |
| South America | 14,349 | 15,696 | 15,639 | 17,489 | 14,920 | 14,720 |
| European Union | 23,583 | 17,384 | 14,493 | 19,783 | 21,500 | 21,500 |
| Former Soviet Union - 12 | 588 | 564 | 323 | 409 | 285 | 285 |
| Middle East | 22,150 | 21,028 | 17,891 | 21,730 | 20,810 | 20,810 |
| North Africa | 18,440 | 20,296 | 17,868 | 16,601 | 17,300 | 17,300 |
| Sub-Saharan Africa | 2,793 | 3,111 | 2,895 | 3,383 | 2,923 | 2,934 |
| East Asia | 35,961 | 40,008 | 61,124 | 52,986 | 48,545 | 48,545 |
| Southeast Asia | 17,483 | 19,007 | 18,162 | 16,263 | 17,765 | 17,065 |
| Caribbean | 2,377 | 2,275 | 2,396 | 2,124 | 2,570 | 2,370 |
| Others | 5,842 | 6,117 | 5,649 | 6,347 | 5,256 | 5,281 |
| Total | 167,897 | 169,742 | 179,851 | 186,841 | 176,574 | 175,510 |
| Production | | | | | | |
| North America | 405,818 | 386,024 | 399,356 | 423,639 | 395,975 | 390,890 |
| South America | 164,749 | 164,604 | 149,898 | 178,435 | 193,570 | 189,525 |
| European Union | 64,351 | 66,742 | 67,440 | 70,979 | 54,200 | 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 | 46,275 | 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 | 279,672 |
| 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 | 34,480 | 34,480 |
| Others | 1,233 | 1,118 | 1,144 | 1,266 | 1,238 | 1,238 |
| Total | 1,128,682 | 1,123,144 | 1,129,203 | 1,214,875 | 1,161,864 | 1,155,934 |
| Domestic Consumption | | | | | | |
| North America | 369,579 | 367,262 | 364,462 | 378,472 | 364,149 | 363,261 |
| South America | 103,926 | 105,552 | 106,689 | 108,996 | 114,600 | 113,375 |
| European Union | 85,000 | 79,000 | 77,700 | 82,700 | 76,100 | 76,100 |
| Other Europe | 9,262 | 9,249 | 10,063 | 9,020 | 8,419 | 8,404 |
| Former Soviet Union - 12 | 20,312 | 22,005 | 22,290 | 27,308 | 24,055 | 22,555 |
| Middle East | 28,887 | 28,149 | 26,600 | 29,698 | 29,018 | 28,918 |
| North Africa | 24,500 | 27,190 | 25,730 | 23,765 | 24,500 | 24,500 |
| Sub-Saharan Africa | 78,661 | 79,031 | 82,778 | 84,298 | 84,947 | 84,847 |
| East Asia | 308,273 | 313,031 | 319,169 | 324,650 | 328,095 | 330,095 |
| South Asia | 43,774 | 43,871 | 47,707 | 50,667 | 50,485 | 50,510 |
| Southeast Asia | 47,539 | 47,231 | 51,157 | 49,760 | 48,430 | 47,830 |
| Central America | 7,990 | 8,370 | 8,470 | 8,785 | 8,790 | 8,790 |
| Others | 3,797 | 3,635 | 3,492 | 3,388 | 3,755 | 3,555 |
| Total | 1,131,500 | 1,133,576 | 1,146,307 | 1,181,507 | 1,165,343 | 1,162,740 |
| Ending Stocks | | | | | | |
| North America | 63,549 | 54,832 | 36,606 | 40,884 | 37,273 | 36,886 |
| South America | 10,897 | 11,834 | 7,787 | 7,615 | 12,088 | 10,904 |
| European Union | 7,644 | 7,382 | 7,880 | 9,942 | 7,342 | 7,342 |
| Other Europe | 1,432 | 1,317 | 1,537 | 1,381 | 984 | 982 |
| Former Soviet Union - 12 | 2,200 | 3,261 | 2,212 | 6,918 | 8,367 | 6,867 |
| Middle East | 2,913 | 3,178 | 3,101 | 2,998 | 2,954 | 2,954 |
| North Africa | 2,473 | 2,410 | 1,837 | 1,972 | 2,285 | 2,323 |
| Sub-Saharan Africa | 8,731 | 9,301 | 10,708 | 11,899 | 9,292 | 9,303 |
| East Asia | 214,436 | 204,897 | 209,889 | 213,255 | 210,157 | 211,357 |
| South Asia | 3,026 | 3,827 | 4,397 | 4,432 | 3,327 | 3,170 |
| Southeast Asia | 4,026 | 4,174 | 5,610 | 3,635 | 3,368 | 3,368 |
| Central America | 903 | 797 | 707 | 797 | 708 | 708 |
| Others | 330 | 197 | 264 | 226 | 259 | 255 |
| Total | 322,560 | 307,407 | 292,535 | 305,954 | 298,404 | 296,419 |

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 Dec | 2022/23 Jan |
|----------------------|---------|---------|---------|---------|----------------|----------------|
| TY Exports | | | | | | |
| Argentina | 3,001 | 2,598 | 2,458 | 3,765 | 2,700 | 2,700 |
| Australia | 3,666 | 3,231 | 8,007 | 8,233 | 7,500 | 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 | 6,000 |
| 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 | 150 |
| Ukraine | 4,407 | 4,990 | 5,053 | 2,710 | 2,400 | 2,400 |
| United Kingdom | 1,406 | 1,397 | 1,280 | 784 | 850 | 1,200 |
| Others | 244 | 489 | 1,174 | 606 | 236 | 236 |
| Subtotal | 27,034 | 29,323 | 37,023 | 28,445 | 29,336 | 29,436 |
| United States | 101 | 155 | 349 | 70 | 150 | 125 |
| World Total | 27,135 | 29,478 | 37,372 | 28,515 | 29,486 | 29,561 |
| TY Imports | | | | | | |
| Algeria | 469 | 503 | 778 | 688 | 500 | 400 |
| 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 | 1,500 |
| Iran | 3,200 | 2,300 | 3,700 | 1,700 | 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 | 535 | 750 | 750 |
| Mexico | 82 | 346 | 499 | 363 | 500 | 500 |
| Morocco | 299 | 1,073 | 456 | 810 | 500 | 400 |
| Philippines | 6 | 8 | 195 | 425 | 500 | 450 |
| 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 | 400 | 400 |
| Tunisia | 487 | 751 | 1,038 | 798 | 750 | 650 |
| 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 | 1,798 |
| Subtotal | 25,037 | 27,851 | 36,785 | 28,670 | 28,477 | 28,698 |
| Unaccounted | 1,965 | 1,470 | 450 | -613 | 709 | 563 |
| United States | 133 | 157 | 137 | 458 | 300 | 300 |
| World Total | 27,135 | 29,478 | 37,372 | 28,515 | 29,486 | 29,561 |

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 Dec | 2022/23 Jan |
|--------------------------|---------|---------|---------|---------|----------------|----------------|
| Production | | | | | | |
| Algeria | 1,957 | 1,648 | 1,213 | 950 | 1,600 | 1,600 |
| Argentina | 4,635 | 3,615 | 4,035 | 5,300 | 4,200 | 4,200 |
| Australia | 8,819 | 10,127 | 14,649 | 13,906 | 13,400 | 13,400 |
| Azerbaijan | 942 | 1,016 | 1,020 | 1,147 | 1,100 | 1,100 |
| Canada | 8,380 | 10,383 | 10,741 | 6,959 | 9,987 | 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 | 51,515 | 51,450 |
| 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 | 6,100 |
| United Kingdom | 6,510 | 8,048 | 8,117 | 6,961 | 7,100 | 7,400 |
| Others | 11,879 | 13,768 | 13,225 | 12,584 | 10,532 | 10,532 |
| Subtotal | 136,255 | 154,604 | 157,186 | 142,854 | 145,734 | 145,669 |
| United States | 3,343 | 3,756 | 3,719 | 2,615 | 3,796 | 3,796 |
| World Total | 139,598 | 158,360 | 160,905 | 145,469 | 149,530 | 149,465 |
| Total Consumption | | | | | | |
| Algeria | 2,000 | 2,350 | 2,350 | 1,950 | 1,950 | 1,950 |
| Australia | 5,000 | 6,000 | 6,500 | 5,700 | 6,000 | 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 | 46,500 | 47,300 |
| India | 1,900 | 1,850 | 1,900 | 1,700 | 1,470 | 1,550 |
| 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 | 1,720 |
| Russia | 12,200 | 15,400 | 14,400 | 14,300 | 15,400 | 15,400 |
| 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 | 7,700 |
| Ukraine | 4,200 | 4,600 | 4,100 | 4,000 | 3,900 | 3,800 |
| United Kingdom | 5,702 | 6,062 | 7,215 | 6,380 | 6,371 | 6,121 |
| Others | 18,845 | 21,565 | 23,461 | 21,979 | 21,743 | 21,532 |
| Subtotal | 137,329 | 152,889 | 158,077 | 144,674 | 146,258 | 146,315 |
| United States | 3,537 | 3,922 | 3,753 | 3,410 | 3,484 | 3,593 |
| World Total | 140,866 | 156,811 | 161,830 | 148,084 | 149,742 | 149,908 |
| Ending Stocks | | | | | | |
| Australia | 1,908 | 2,711 | 2,518 | 2,717 | 2,574 | 2,617 |
| Canada | 863 | 957 | 711 | 504 | 621 | 621 |
| European Union | 5,457 | 5,205 | 5,010 | 5,266 | 5,281 | 5,216 |
| 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 | 780 |
| United Kingdom | 1,091 | 1,357 | 1,058 | 964 | 943 | 1,143 |
| Others | 5,991 | 7,029 | 7,521 | 5,229 | 4,446 | 4,382 |
| Subtotal | 18,285 | 19,971 | 19,238 | 17,260 | 16,482 | 16,396 |
| United States | 1,884 | 1,747 | 1,555 | 918 | 1,426 | 1,339 |
| World Total | 20,169 | 21,718 | 20,793 | 18,178 | 17,908 | 17,735 |

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

| | 2018/19 | 2019/20 | 2020/21 | 2021/22 | Dec 2022/23 | Jan 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 | 1,500 |
| Other Europe | 240 | 168 | 191 | 198 | 170 | 170 |
| Former Soviet Union - 12 | 395 | 464 | 425 | 344 | 304 | 324 |
| Middle East | 11,877 | 12,932 | 14,600 | 11,363 | 10,850 | 10,900 |
| North Africa | 2,340 | 3,229 | 3,335 | 2,838 | 2,510 | 2,210 |
| 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 | 169 |
| Oceania | 14 | 7 | 46 | 45 | 25 | 25 |
| Total | 25,170 | 28,008 | 36,922 | 29,128 | 28,777 | 28,998 |
| Production | | | | | | |
| North America | 12,719 | 15,149 | 15,365 | 10,664 | 14,743 | 14,743 |
| South America | 6,133 | 5,135 | 5,741 | 7,053 | 5,764 | 5,764 |
| European Union | 49,470 | 55,180 | 54,234 | 52,046 | 51,515 | 51,450 |
| Other Europe | 7,762 | 9,471 | 9,659 | 8,520 | 8,644 | 8,944 |
| Former Soviet Union - 12 | 31,225 | 36,462 | 35,702 | 32,788 | 33,295 | 32,995 |
| 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 | 2,309 | 2,309 |
| South Asia | 1,936 | 1,974 | 2,045 | 1,941 | 1,728 | 1,728 |
| Oceania | 9,199 | 10,511 | 14,987 | 14,231 | 13,755 | 13,755 |
| Total | 139,598 | 158,360 | 160,905 | 145,469 | 149,530 | 149,465 |
| Domestic Consumption | | | | | | |
| North America | 11,095 | 13,330 | 12,800 | 10,323 | 11,884 | 11,993 |
| South America | 3,716 | 3,898 | 4,217 | 4,227 | 3,962 | 3,962 |
| European Union | 45,600 | 49,500 | 48,250 | 45,450 | 46,500 | 47,300 |
| Other Europe | 7,068 | 7,481 | 8,745 | 7,908 | 7,874 | 7,618 |
| Former Soviet Union - 12 | 21,759 | 25,745 | 24,662 | 23,640 | 24,804 | 24,704 |
| Middle East | 25,045 | 27,001 | 28,036 | 21,847 | 22,569 | 22,819 |
| North Africa | 6,996 | 7,419 | 6,205 | 7,216 | 5,968 | 5,763 |
| Sub-Saharan Africa | 2,360 | 2,913 | 2,982 | 2,941 | 2,990 | 2,990 |
| East Asia | 8,620 | 9,725 | 14,683 | 13,078 | 12,746 | 12,746 |
| South Asia | 2,103 | 2,214 | 2,240 | 1,991 | 1,811 | 1,891 |
| Oceania | 5,385 | 6,390 | 6,900 | 6,050 | 6,380 | 6,380 |
| Total | 140,092 | 156,507 | 161,626 | 145,802 | 149,188 | 149,716 |
| Ending Stocks | | | | | | |
| North America | 3,109 | 3,166 | 2,676 | 1,872 | 2,457 | 2,370 |
| South America | 1,039 | 1,022 | 966 | 827 | 770 | 784 |
| European Union | 5,457 | 5,205 | 5,010 | 5,266 | 5,281 | 5,216 |
| Other Europe | 1,228 | 1,538 | 1,215 | 1,125 | 1,088 | 1,288 |
| Former Soviet Union - 12 | 2,307 | 2,457 | 2,325 | 2,147 | 2,361 | 2,181 |
| Middle East | 2,620 | 3,243 | 3,161 | 2,135 | 1,945 | 1,945 |
| North Africa | 1,228 | 1,053 | 709 | 1,065 | 535 | 435 |
| Sub-Saharan Africa | 348 | 404 | 432 | 392 | 407 | 407 |
| East Asia | 612 | 631 | 1,606 | 442 | 300 | 300 |
| South Asia | 264 | 235 | 127 | 129 | 130 | 131 |
| Oceania | 1,946 | 2,755 | 2,560 | 2,769 | 2,625 | 2,669 |
| Total | 20,169 | 21,718 | 20,793 | 18,178 | 17,908 | 17,735 |

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 Dec | 2022/23 Jan |
|----------------------|---------|---------|---------|---------|----------------|----------------|
| TY Exports | | | | | | |
| Argentina | 254 | 426 | 1,973 | 1,800 | 2,100 | 2,100 |
| Australia | 91 | 102 | 1,235 | 2,270 | 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 | 4,428 | 4,822 | 4,822 |
| United States | 2,410 | 5,404 | 6,926 | 7,351 | 4,000 | 2,500 |
| World Total | 3,334 | 6,386 | 10,552 | 11,779 | 8,822 | 7,322 |
| TY Imports | | | | | | |
| China | 652 | 3,709 | 8,669 | 10,991 | 7,100 | 5,600 |
| 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 | 384 | 338 | 345 |
| Subtotal | 3,247 | 5,628 | 9,957 | 12,529 | 8,358 | 6,865 |
| Unaccounted | 86 | 757 | 594 | -751 | 463 | 456 |
| United States | 1 | 1 | 1 | 1 | 1 | 1 |
| World Total | 3,334 | 6,386 | 10,552 | 11,779 | 8,822 | 7,322 |

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 Dec | 2022/23 Jan |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| 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 | 6,832 | 6,832 |
| Subtotal | 50,092 | 49,046 | 53,098 | 50,822 | 54,072 | 54,072 |
| United States | 9,271 | 8,673 | 9,474 | 11,375 | 5,989 | 4,770 |
| World Total | 59,363 | 57,719 | 62,572 | 62,197 | 60,061 | 58,842 |
| 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 | 10,100 | 8,600 |
| 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 | 7,510 | 7,341 | 7,348 |
| Subtotal | 52,344 | 54,990 | 59,824 | 58,557 | 58,021 | 56,624 |
| United States | 6,212 | 4,365 | 2,638 | 3,214 | 2,794 | 2,794 |
| World Total | 58,556 | 59,355 | 62,462 | 61,771 | 60,815 | 59,418 |
| Ending Stocks | | | | | | |
| Argentina | 454 | 266 | 196 | 347 | 297 | 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 | 1,244 | 1,172 | 1,177 |
| Subtotal | 3,874 | 3,091 | 3,449 | 3,190 | 3,172 | 3,177 |
| United States | 1,617 | 764 | 516 | 1,201 | 611 | 638 |
| World Total | 5,491 | 3,855 | 3,965 | 4,391 | 3,783 | 3,815 |

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

| | 2018/19 | 2019/20 | 2020/21 | 2021/22 | Dec 2022/23 | Jan 2022/23 |
|-----------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| TY Imports | | | | | | |
| North America | 547 | 568 | 134 | 363 | 201 | 201 |
| South America | 80 | 45 | 37 | 31 | 29 | 31 |
| European Union | 666 | 89 | 13 | 168 | 100 | 100 |
| Other Europe | 22 | 25 | 23 | 19 | 25 | 25 |
| Middle East | 43 | 59 | 40 | 85 | 31 | 36 |
| 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 | 7,355 | 5,855 |
| Southeast Asia | 36 | 41 | 28 | 32 | 30 | 30 |
| Others | 29 | 2 | 7 | 7 | 3 | 3 |
| Total | 3,248 | 5,629 | 9,958 | 12,530 | 8,359 | 6,866 |
| Production | | | | | | |
| North America | 13,971 | 13,001 | 13,822 | 16,215 | 10,839 | 9,620 |
| 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 | 591 | 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 | 60,061 | 58,842 |
| Domestic Consumption | | | | | | |
| North America | 11,312 | 9,365 | 7,138 | 8,214 | 7,894 | 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 | 5,998 | 5,914 | 5,914 |
| European Union | 1,554 | 1,128 | 1,033 | 971 | 681 | 681 |
| Middle East | 486 | 445 | 431 | 483 | 432 | 439 |
| 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 | 10,357 | 8,857 |
| 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 | 110 | 510 | 510 |
| Others | 120 | 93 | 95 | 103 | 120 | 120 |
| Total | 58,480 | 58,446 | 60,959 | 62,399 | 60,015 | 58,522 |
| Ending Stocks | | | | | | |
| North America | 1,876 | 917 | 618 | 1,504 | 863 | 890 |
| Central America | 9 | 9 | 6 | 4 | 9 | 9 |
| South America | 740 | 683 | 634 | 857 | 800 | 805 |
| European Union | 101 | 54 | 21 | 18 | 18 | 18 |
| Middle East | 0 | 0 | 0 | 0 | 0 | 0 |
| North Africa | 46 | 24 | 5 | 5 | 5 | 5 |
| Sub-Saharan Africa | 2,179 | 1,510 | 1,750 | 989 | 1,229 | 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 | 18 | 18 |
| Total | 5,491 | 3,855 | 3,965 | 4,391 | 3,783 | 3,815 |

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 Dec | 2022/23 Jan |
|----------------------|---------|---------|---------|---------|----------------|----------------|
| TY Exports | | | | | | |
| Australia | 250 | 245 | 391 | 512 | 500 | 500 |
| Brazil | 6 | 3 | 1 | 7 | 5 | 5 |
| Canada | 1,665 | 1,899 | 1,961 | 1,206 | 1,900 | 1,900 |
| Chile | 36 | 6 | 3 | 56 | 5 | 5 |
| European Union | 119 | 235 | 145 | 188 | 110 | 110 |
| Russia | 134 | 73 | 90 | 150 | 100 | 100 |
| United Kingdom | 49 | 110 | 31 | 167 | 90 | 85 |
| Others | 43 | 29 | 27 | 15 | 14 | 14 |
| Subtotal | 2,302 | 2,600 | 2,649 | 2,301 | 2,724 | 2,719 |
| United States | 26 | 32 | 51 | 32 | 30 | 30 |
| World Total | 2,328 | 2,632 | 2,700 | 2,333 | 2,754 | 2,749 |
| TY Imports | | | | | | |
| Canada | 9 | 16 | 19 | 28 | 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 | 209 | 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 | 46 | 41 | 33 | 35 | 32 | 27 |
| Subtotal | 846 | 926 | 1,043 | 1,081 | 1,132 | 1,127 |
| Unaccounted | 85 | 115 | 84 | -2 | 122 | 122 |
| United States | 1,397 | 1,591 | 1,573 | 1,254 | 1,500 | 1,500 |
| World Total | 2,328 | 2,632 | 2,700 | 2,333 | 2,754 | 2,749 |

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 Dec | 2022/23 Jan |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| 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 | 5,226 | 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 | 7,608 | 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 | 1,000 |
| Others | 409 | 361 | 367 | 428 | 377 | 377 |
| Subtotal | 21,390 | 22,441 | 24,769 | 21,950 | 24,066 | 24,016 |
| United States | 815 | 773 | 954 | 578 | 837 | 837 |
| World Total | 22,205 | 23,214 | 25,723 | 22,528 | 24,903 | 24,853 |
| 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 | 2,900 | 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 | 7,650 | 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 | 955 |
| Others | 685 | 666 | 693 | 710 | 731 | 726 |
| Subtotal | 20,712 | 20,827 | 22,496 | 21,236 | 22,271 | 22,221 |
| United States | 2,326 | 2,344 | 2,362 | 2,013 | 2,364 | 2,364 |
| World Total | 23,038 | 23,171 | 24,858 | 23,249 | 24,635 | 24,585 |
| Ending Stocks | | | | | | |
| Australia | 191 | 114 | 416 | 379 | 115 | 279 |
| Brazil | 37 | 68 | 75 | 83 | 108 | 108 |
| Canada | 397 | 426 | 657 | 318 | 754 | 754 |
| China | 155 | 107 | 108 | 125 | 125 | 125 |
| European Union | 371 | 332 | 540 | 360 | 328 | 328 |
| Russia | 60 | 195 | 188 | 122 | 123 | 123 |
| United Kingdom | 116 | 106 | 147 | 157 | 107 | 107 |
| Others | 310 | 347 | 411 | 355 | 360 | 348 |
| Subtotal | 1,637 | 1,695 | 2,542 | 1,899 | 2,020 | 2,172 |
| United States | 549 | 534 | 552 | 474 | 442 | 469 |
| World Total | 2,186 | 2,229 | 3,094 | 2,373 | 2,462 | 2,641 |

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

| | 2018/19 | 2019/20 | 2020/21 | 2021/22 | Dec 2022/23 | Jan 2022/23 |
|-----------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| TY Imports | | | | | | |
| North America | 1,535 | 1,744 | 1,763 | 1,471 | 1,680 | 1,680 |
| South America | 78 | 89 | 241 | 53 | 224 | 224 |
| European Union | 58 | 113 | 33 | 209 | 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 | 15 |
| 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 | 2,335 | 2,632 | 2,627 |
| Production | | | | | | |
| North America | 4,354 | 5,099 | 5,593 | 3,479 | 6,148 | 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 | 7,608 | 7,608 |
| Other Europe | 1,136 | 1,518 | 1,481 | 1,561 | 1,493 | 1,443 |
| 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 | 40 | 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 | 1,644 | 1,429 | 1,429 |
| Total | 22,205 | 23,214 | 25,723 | 22,528 | 24,903 | 24,853 |
| Domestic Consumption | | | | | | |
| North America | 4,664 | 4,973 | 4,937 | 4,139 | 5,524 | 5,524 |
| South America | 1,843 | 2,088 | 2,123 | 2,513 | 2,590 | 2,590 |
| European Union | 7,000 | 6,900 | 8,175 | 7,650 | 7,650 | 7,650 |
| Other Europe | 1,316 | 1,527 | 1,499 | 1,525 | 1,538 | 1,488 |
| 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 | 126 |
| Sub-Saharan Africa | 65 | 69 | 69 | 70 | 75 | 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 | 1,125 | 1,029 | 1,029 |
| Total | 23,021 | 23,153 | 24,619 | 23,166 | 24,595 | 24,540 |
| Ending Stocks | | | | | | |
| North America | 949 | 968 | 1,222 | 808 | 1,207 | 1,234 |
| South America | 144 | 191 | 229 | 192 | 243 | 231 |
| European Union | 371 | 332 | 540 | 360 | 328 | 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 | 18 | 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 | 382 | 118 | 282 |
| Total | 2,186 | 2,229 | 3,094 | 2,373 | 2,462 | 2,641 |

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 Dec | 2022/23 Jan |
|----------------------|---------|---------|---------|---------|----------------|----------------|
| TY Exports | | | | | | |
| Belarus | 0 | 0 | 22 | 5 | 5 | 5 |
| Canada | 152 | 147 | 148 | 157 | 175 | 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 | 385 | 385 |
| United States | 4 | 6 | 4 | 4 | 5 | 5 |
| World Total | 568 | 441 | 431 | 630 | 390 | 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 | 225 | 225 |
| World Total | 568 | 441 | 431 | 630 | 390 | 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 Dec | 2022/23 Jan |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Production | | | | | | |
| Argentina | 87 | 220 | 135 | 225 | 160 | 160 |
| Belarus | 503 | 756 | 1,051 | 800 | 750 | 750 |
| Canada | 236 | 333 | 488 | 473 | 520 | 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 | 11,744 | 11,744 |
| United States | 214 | 270 | 293 | 249 | 312 | 312 |
| World Total | 10,000 | 12,257 | 14,299 | 12,544 | 12,056 | 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 | 120 |
| Subtotal | 9,818 | 11,653 | 13,456 | 12,125 | 11,755 | 11,755 |
| United States | 518 | 550 | 528 | 522 | 633 | 633 |
| World Total | 10,336 | 12,203 | 13,984 | 12,647 | 12,388 | 12,388 |
| Ending Stocks | | | | | | |
| Belarus | 35 | 44 | 31 | 34 | 37 | 37 |
| Canada | 49 | 40 | 72 | 109 | 106 | 106 |
| European Union | 513 | 590 | 739 | 686 | 381 | 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 | 729 | 729 |
| United States | 11 | 28 | 32 | 16 | 20 | 20 |
| World Total | 815 | 869 | 1,184 | 1,081 | 749 | 749 |

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

| | 2018/19 | 2019/20 | 2020/21 | 2021/22 | Dec 2022/23 | Jan 2022/23 |
|-----------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| TY Imports | | | | | | |
| North America | 296 | 287 | 191 | 332 | 227 | 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 | 361 | 361 |
| Production | | | | | | |
| North America | 450 | 603 | 781 | 722 | 832 | 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 | 12,056 | 12,056 |
| Domestic Consumption | | | | | | |
| North America | 687 | 731 | 836 | 810 | 983 | 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 | 131 |
| 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 | 12,463 | 12,462 |
| Ending Stocks | | | | | | |
| North America | 60 | 68 | 104 | 125 | 126 | 126 |
| South America | 0 | 0 | 0 | 0 | 0 | 0 |
| European Union | 513 | 590 | 739 | 686 | 381 | 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 | 749 | 749 |

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.