

World Agricultural Supply and Demand Estimates

Report of May 10, 2024

Interagency Commodity Estimates Committee Forecasts World Agricultural Outlook Board, Chairing Agency Economic Research Service Foreign Agricultural Service Farm Production and Conservation Agricultural Marketing Service

Overview and Highlights

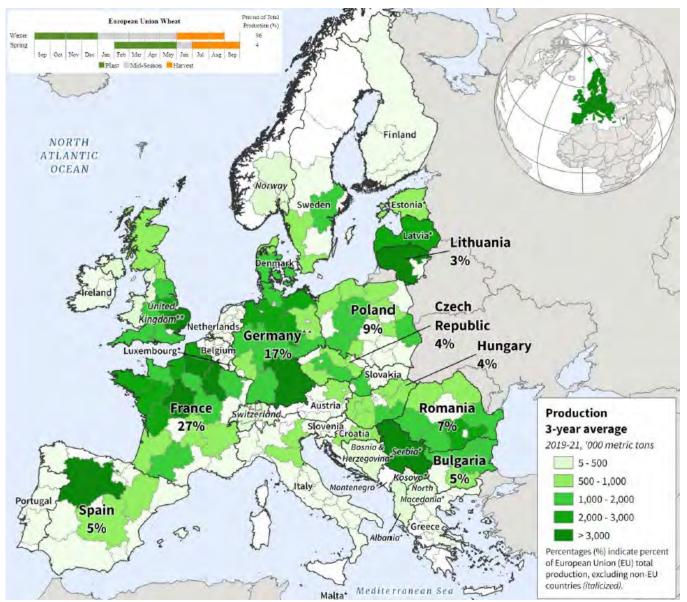
- First official new crop (2024/25) forecasts.
- Incorporates the first 2024 U.S. winter wheat production forecast from NASS.
- Global focus:
 - EU: Wet autumn lowered planted wheat and rapeseed area in Northern Europe. Warm, wet spring supports above average yields projections. Excessive moisture could become a concern in France and the UK.
 - North Africa: Third consecutive year of drought has tempered wheat yield expectations in Morocco and parts of Algeria and Tunisia.
 - Brazil: Favorable yield prospects in the Center West offset less favorable conditions in southern regions. 2023/24 corn production lowered on reduced area. 2023/24 soybean production lowered 1 million tons on flooding in Rio Grande do Sul. 2024/25 cotton production up sharply from previous year on increased planted area.

World Wheat Production

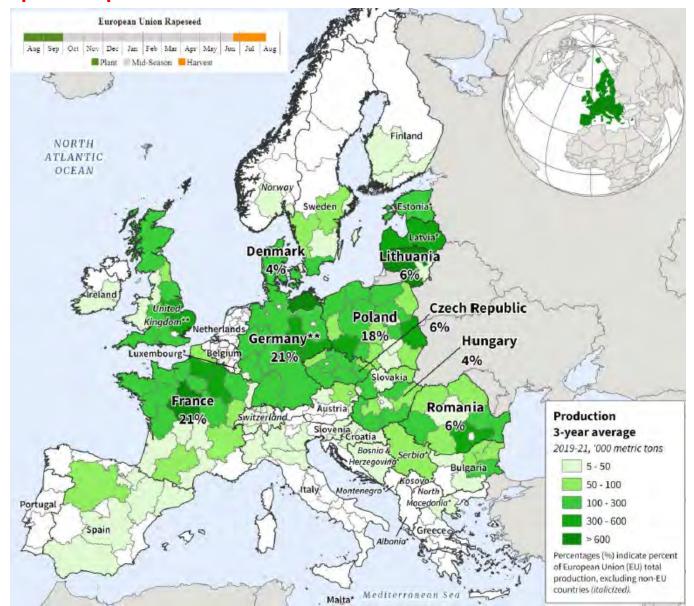
	2023/2024		2024/2025		
		Change from		Change from	
Country or Region	Estimate	April 11	Forecast	2023/2024	
		Millior	n Tons		
World	787.7	0.4	798.2	10.5	
United States	49.3		50.6	1.2	
Foreign	738.4	0.4	747.6	9.2	
Argentina	15.9	**	17.0	1.1	
Canada	32.0		34.0	2.0	
Australia	26.0		29.0	3.0	
European Union	134.2		132.0	-2.2	
Turkey	20.0	0.5	19.0	-1.0	
Russia	91.5		88.0	-3.5	
Ukraine	23.0	-0.4	21.0	-2.0	
Kazakhstan	12.1		14.5	2.4	
China	136.6		140.0	3.4	
India	110.6		114.0	3.4	
Northwest Africa	7.3		6.6	-0.7	

⁻⁻ No change. **Rounds to zero.

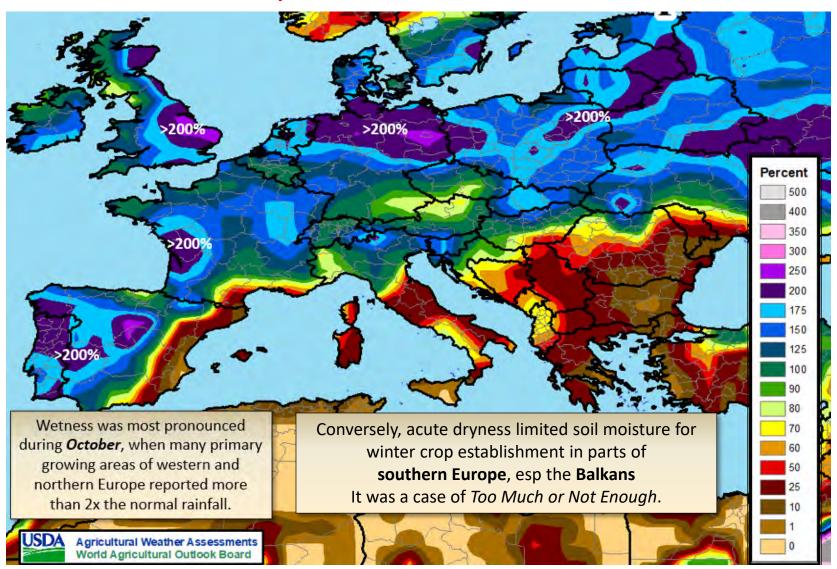
Europe Wheat Production



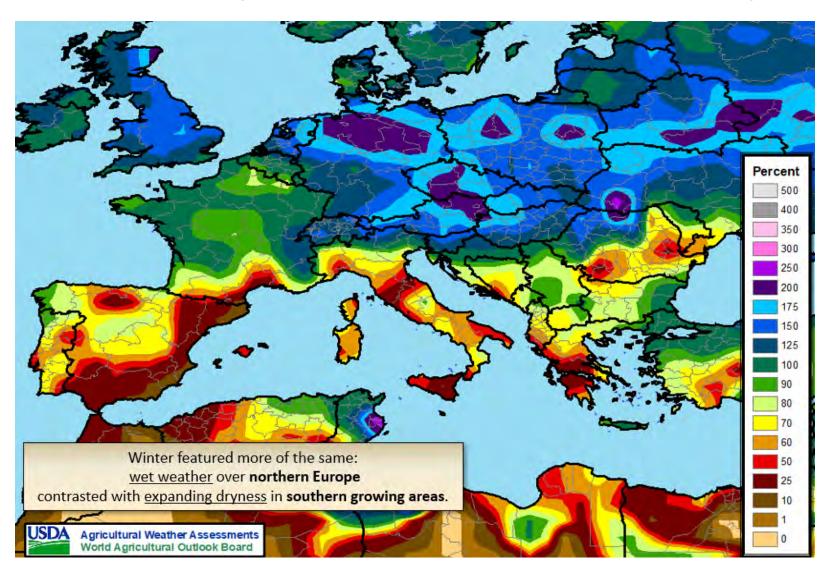
Europe Rapeseed Production



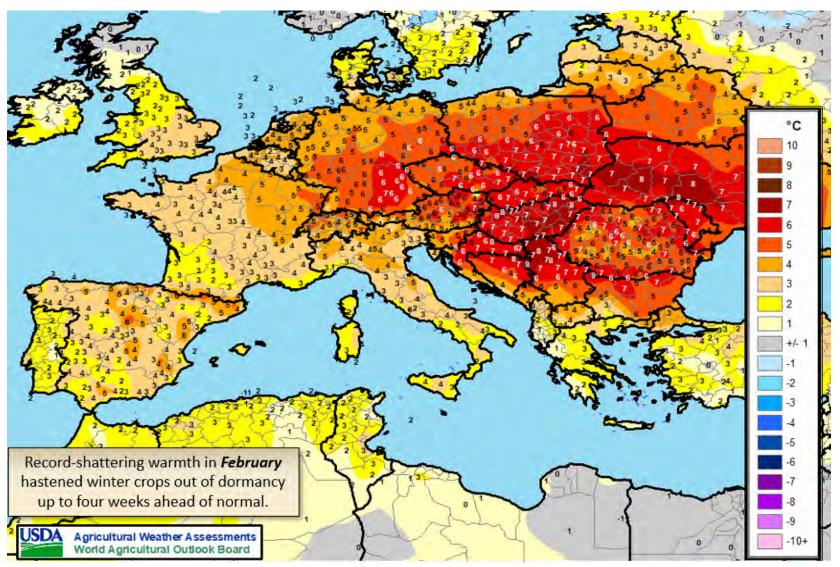
Percent Normal Precipitation, October 2023



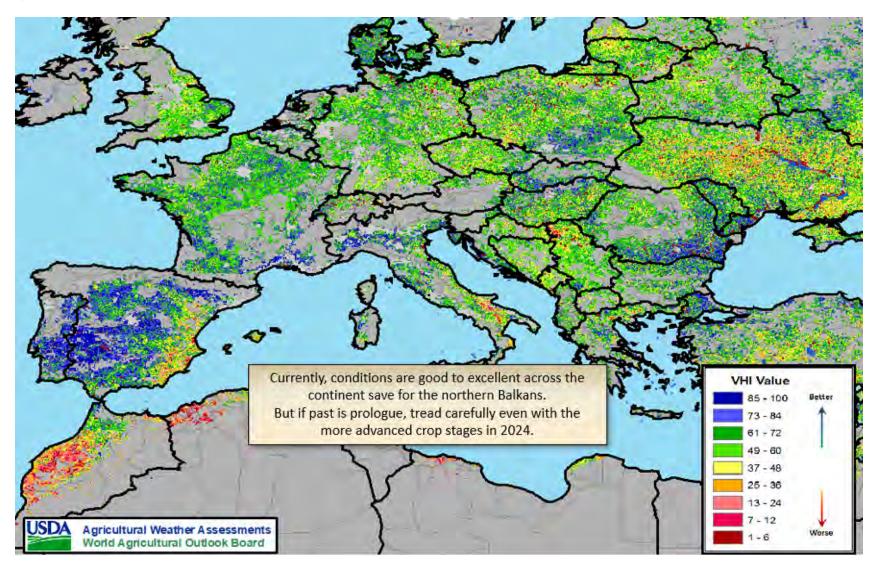
Percent Normal Precipitation, December 1, 2023 – February 29, 2024



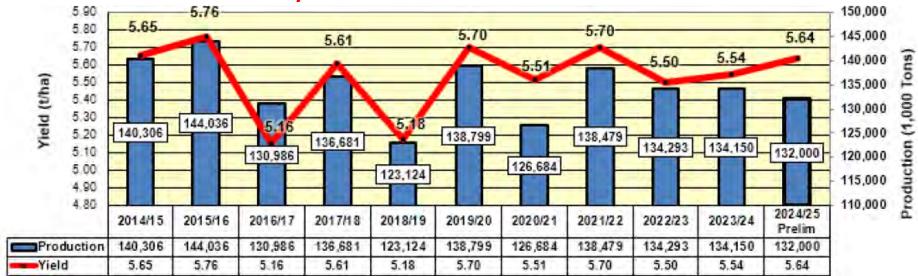
Average Temperature Departure, February 2024

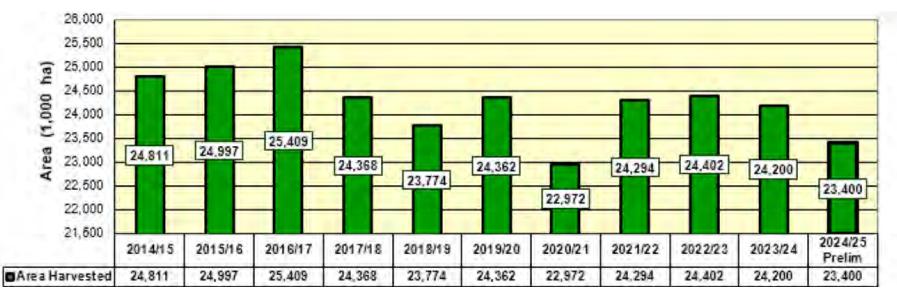


Vegetative Health Index, May 8, 2024

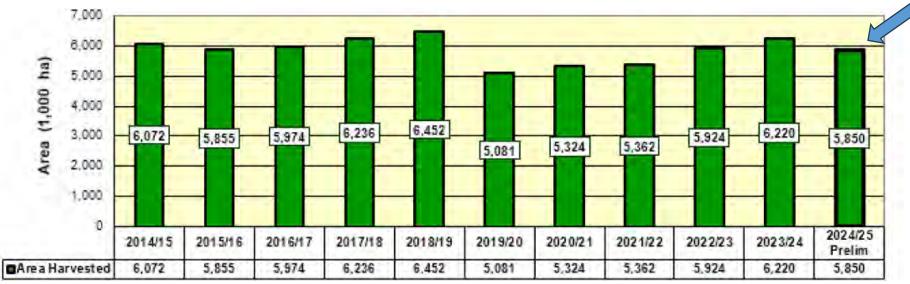


EU Wheat Summary



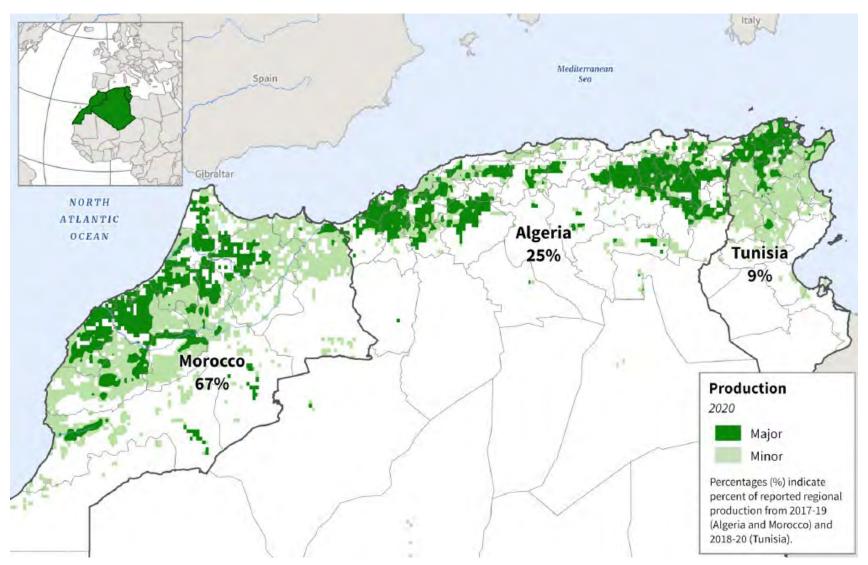




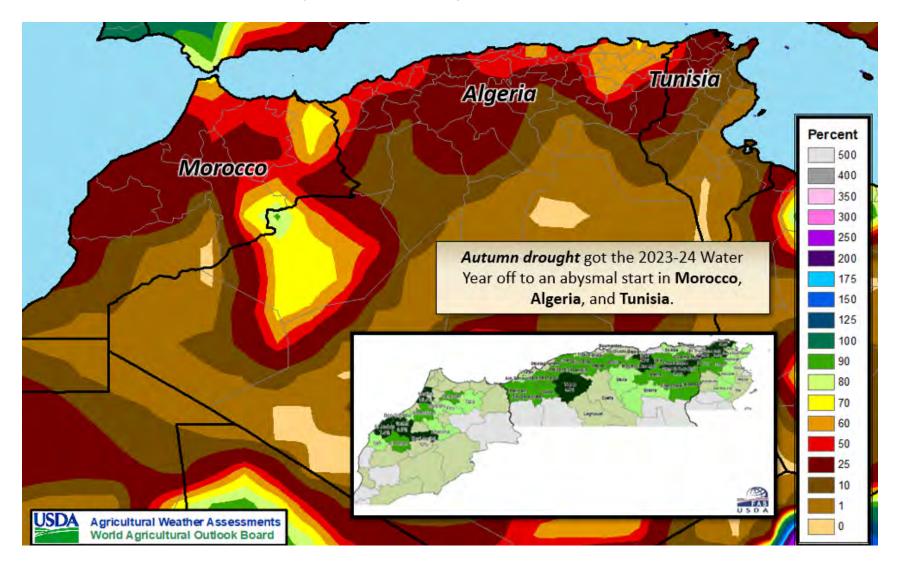


Production (1,000 Tons)

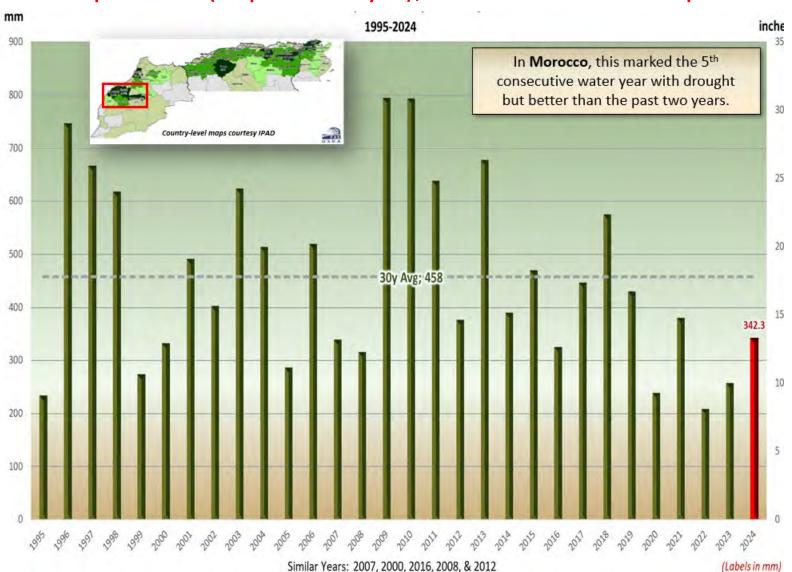
Wheat Production, Northwest Africa



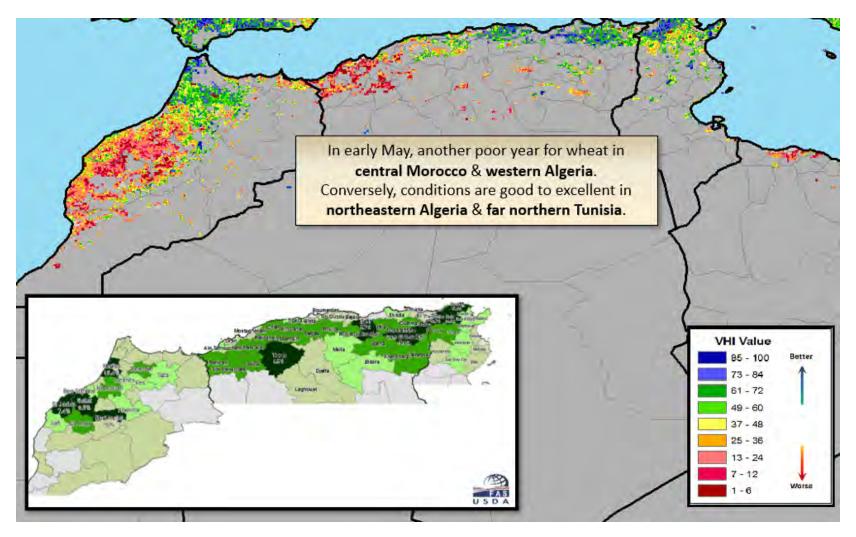
Percent of Normal Precipitation, Sept. 1 – Nov. 30, 2023



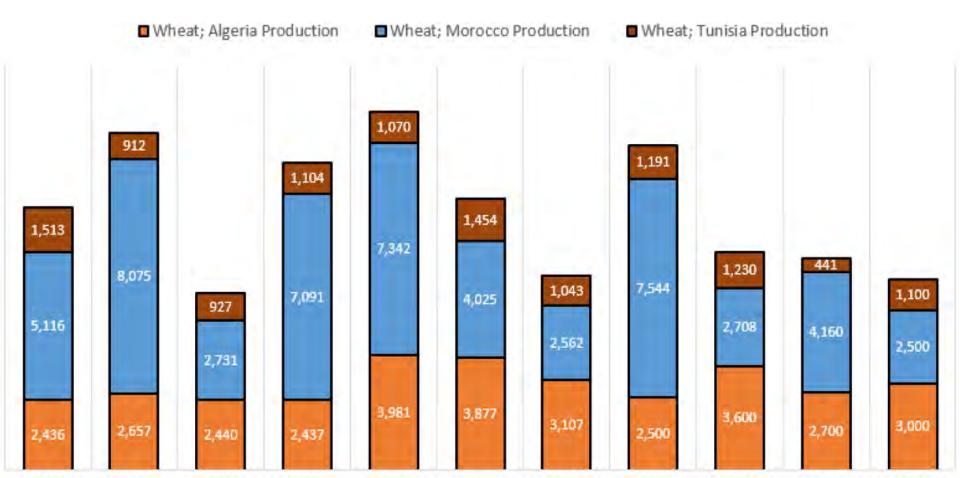
Total Precipitation (Sep 1 – May 1), Morocco-Main Croplands



Vegetative Health Index, May 8, 2024



Northwest Africa Wheat Production (1,000 tons)



2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021 2021/2022 2022/2023 2023/2024 2024/2025

World Wheat Supply and Use

	2023/2024		2024/2025			
		Change from		Change from		
Item	Estimate	April 11	Forecast	2023/2024		
		Million Tons				
Beginning stocks	270.4	-0.6	257.8	-12.6		
Production	787.7	0.4	798.2	10.5		
Total Supply	1,058.1	-0.2	1,056.0	-2.2		
Feed use	160.1	-1.3	151.8	-8.3		
Total use	800.3	0.2	802.4	2.0		
Trade	215.7	2.2	216.0	0.3		
Ending Stocks	257.8	-0.5	253.6	-4.2		

U.S. Wheat Supply and Demand

	2023/2024		2024/2025			
		Change from		Change from		
Item	Estimate	April 11	Forecast	2023/2024		
Planted area (million acres)	49.6		47.5	-2.1		
Harvested area (million acres)	37.3		38.0	0.7		
Yield (bushels per acre)	48.6		48.9	0.3		
		Million b	bushels			
Beginning stocks	570		688	118		
Production	1,812		1,858	46		
Imports	140		120	-20		
Total supply	2,522		2,665	144		
Food use	960		962	2		
Seed	64		62	-2		
Feed and residual	90		100	10		
Domestic use	1,114		1,124	10		
Exports	720	10	775	55		
Total use	1,834	10	1,899	65		
Ending stocks	688	-10	766	79		
	Percent					
Stocks to use ratio	37.5	-0.8	40.3	2.9		
	Dollars per bushel					
Average market price	7.10		6.00	-1.10		

⁻⁻ No change.

World Rice Production

	2023/2024		2024/2025	
	Change from			Change from
Country or Region	Estimate	April 11	Forecast	2023/2024
		Millior	Tons	
World	517.3	1.8	527.6	10.3
United States	6.9		7.0	0.1
Foreign	510.4	1.8	520.6	10.2
Argentina	0.9		0.9	**
Brazil	7.2	0.1	7.5	0.3
Egypt	3.8		3.6	-0.2
Australia	0.40		0.47	0.07
Bangladesh	37.0		38.0	1.0
Burma	12.0		12.1	0.2
Cambodia	7.2	1.2	7.4	0.2
China	144.6		146.0	1.4
India	134.0		138.0	4.0
Indonesia	33.0		34.0	1.0
Japan	7.3		7.2	-0.1
Sri Lanka	3.3		3.5	0.2
Pakistan	9.0		9.5	0.5
Philippines	12.5	-0.1	12.7	0.2
Thailand	20.0		20.1	0.1
Vietnam	27.0		27.0	

⁻⁻ No change. **Rounds to zero.

World Rice Supply and Use

	2023/2024		2024/2025		
		Change from		Change from	
Item	Estimate	April 11	Forecast	2023/2024	
	Million Tons				
Beginning stocks	179.2	1.2	174.9	-4.3	
Production	517.3	1.8	527.6	10.3	
Total Supply	696.5	3.0	702.5	6.0	
Total use	521.6	0.3	526.4	4.8	
Trade	53.2	0.3	53.8	0.5	
Ending Stocks	174.9	2.8	176.1	1.2	

U.S. Rice Supply and Demand

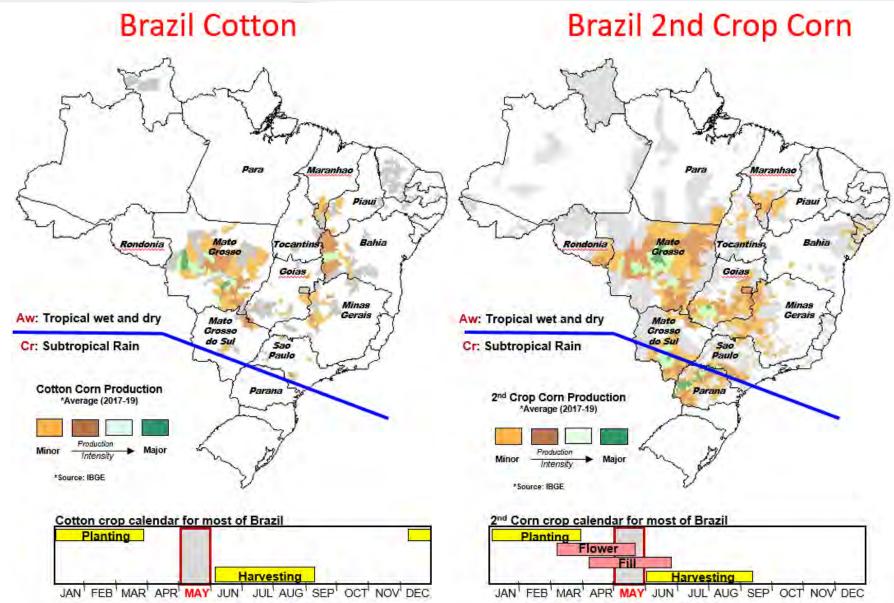
	2023/2024		202	4/2025	
		Change from		Change from	
Item	Estimate	April 11	Forecast	2023/2024	
Planted area (million acres)	2.89		2.93	0.04	
Harvested area (million acres)	2.85		2.88	0.03	
Yield (pounds per acre)	7,649		7,635	-14	
		Million	cwt		
Beginning stocks	30.3		40.8	10.6	
Production	218.3		220.2	1.9	
Imports	43.3	0.3	44.5	1.2	
Total supply	291.8	0.3	305.5	13.7	
Domestic use	157.0		160.0	3.0	
Exports	94.0	3.0	100.0	6.0	
Total use	251.0	3.0	260.0	9.0	
Ending stocks	40.8	-2.7	45.5	4.7	
		Percent			
Stocks to use ratio	16.3	-1.3	17.5	1.2	
	-	Dollars per cwt			
Average market price	18.00	-0.80	15.60	-2.4	

⁻⁻ No change.

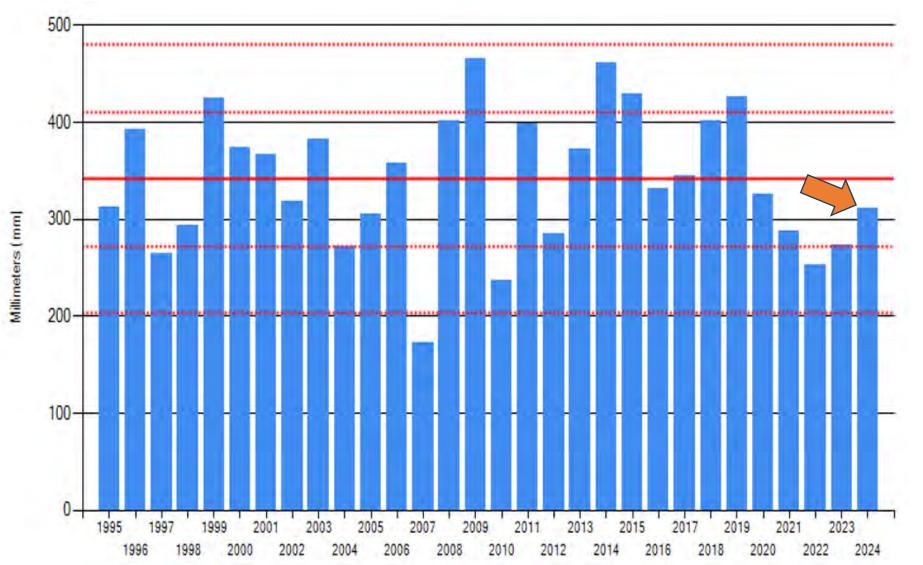
World Corn Production

	2023/2024		202	4/2025
		Change from		Change from
Country or Region	Estimate	April 11	Forecast	2023/2024
		Millio	n Tons	
World	1,228.1	0.2	1,219.9	-8.2
United States	389.7		377.5	-12.2
Foreign	838.4	0.2	842.5	4.1
Argentina	53.0	-2.0	51.0	-2.0
Brazil	122.0	-2.0	127.0	5.0
Mexico	23.3		25.0	1.7
Canada	15.1		15.0	-0.1
European Union	61.0		64.8	3.8
Serbia	6.8		6.9	**
FSU-12	53.6	1.5	49.1	-4.5
Ukraine	31.0	1.5	27.0	-4.0
Russia	16.6		16.0	-0.6
South Africa	14.0		17.0	3.0
China	288.8		292.0	3.2
India	37.5	2.0	37.5	

-- **No change.** May 10, 2024



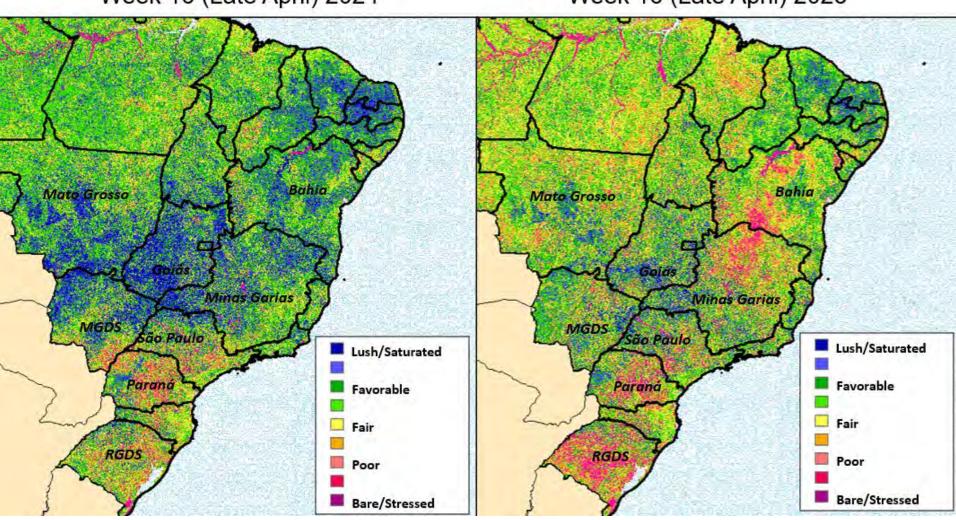
Mato Grosso: Total Precipitation (mm) March 1 to April 30



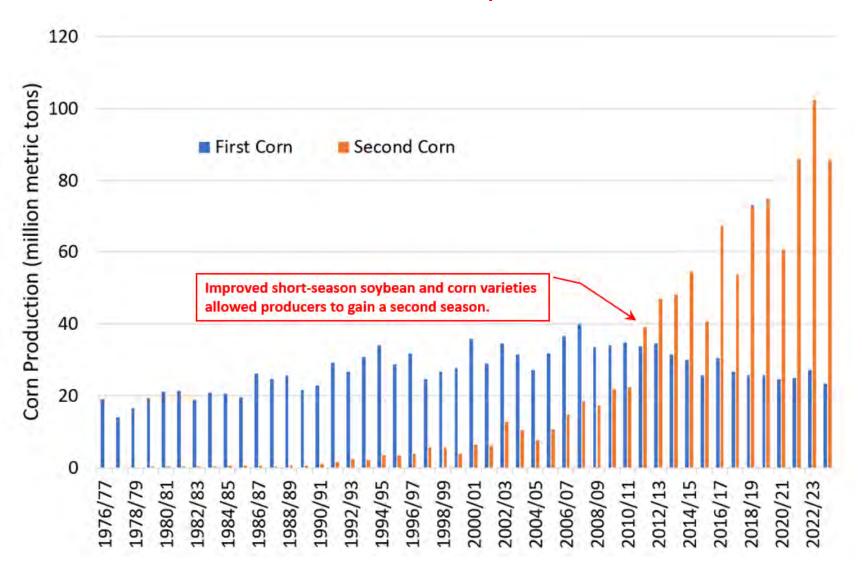
Vegetative Health Index

Week 16 (Late April) 2024

Week 16 (Late April) 2023



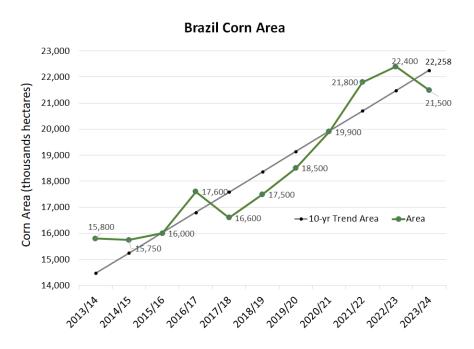
Brazil first and second season corn production

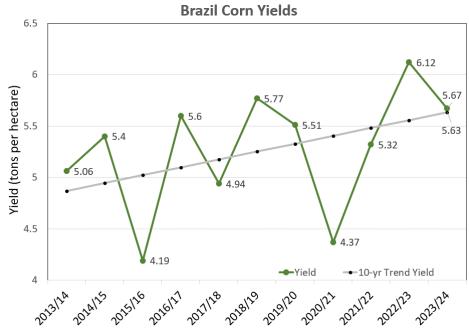


Summary: Brazil 2023/24 Corn

Brazil Corn	Units	Abbreviations	2023/24	Change from Previous Month	Change from Previous Year	Prev.Mnth Apr-24	100707070707		Change from 5-year Average	Record
Area	million hectares	mha	21.5	-2%	-4%	21.9	* 22.4	20.0	8%	22.4 (22/23)
Yield	tons per hectares	t/ha	5.67	0%	-7%	5.66	* 6.12	5.42	5%	6.12 (22/23)
Production	million metric tons	mmt	122.0	-2%	-11%	124.0	* 137.0	108.6	12%	137.0 (22/23)

^{*} Denotes record





World Corn Supply and Use

	2023	2023/2024		4/2025
		Change from		Change from
Item	Estimate	April 11	Forecast	2023/2024
	Million Tons			
Beginning stocks	300.9	-1.3	313.1	12.2
Production	1,228.1	0.2	1,219.9	-8.2
Total Supply	1,529.0	-1.0	1,533.0	4.0
Feed use	760.2	1.3	774.0	13.8
Total use	1,215.9	4.2	1,220.7	4.8
Trade	197.4	-3.2	191.1	-6.3
Ending Stocks	313.1	-5.2	312.3	-0.8

U.S. Corn Supply and Demand

	2023/2024		202	4/2025	
		Change from		Change from	
Item	Estimate	April 11	Forecast	2023/2024	
Planted area (million acres)	94.6		90.0	-4.6	
Harvested area (million acres)	86.5		82.1	-4.4	
Yield (bushels per acre)	177.3		181.0	3.7	
, , ,		Million b	ushels		
Beginning stocks	1,360		2,022	662	
Production	15,342		14,860	-482	
Imports	25		25		
Total supply	16,727		16,907	180	
Feed and residual	5,700		5,750	50	
Food, seed, and industrial	6,855	50	6,855		
Ethanol	5,450	50	5,450		
Domestic use	12,555	50	12,605	50	
Exports	2,150	50	2,200	50	
Total use	14,705	100	14,805	100	
Ending stocks	2,022	-100	2,102	80	
	Percent				
Stocks to use ratio	13.7	-0.8	14.2	0.4	
	Dollars per bushel				
Average market price	4.65	-0.05	4.40	-0.25	

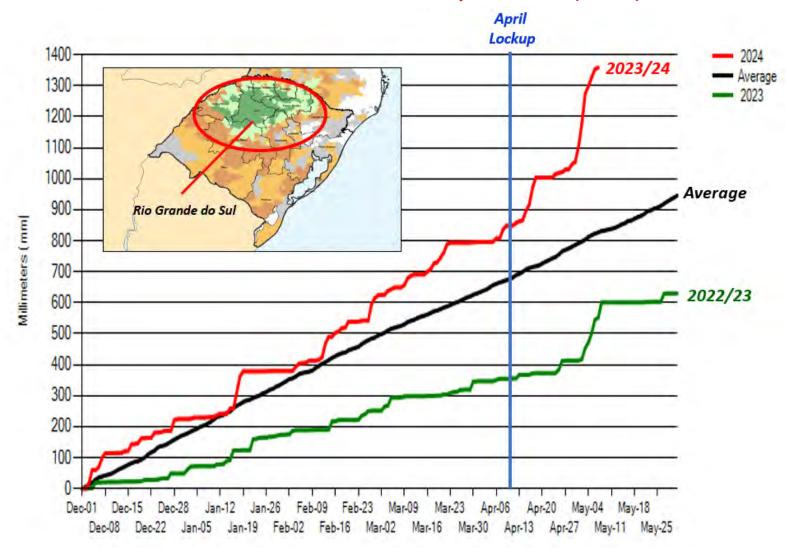
⁻⁻ No change.

World Soybean Production

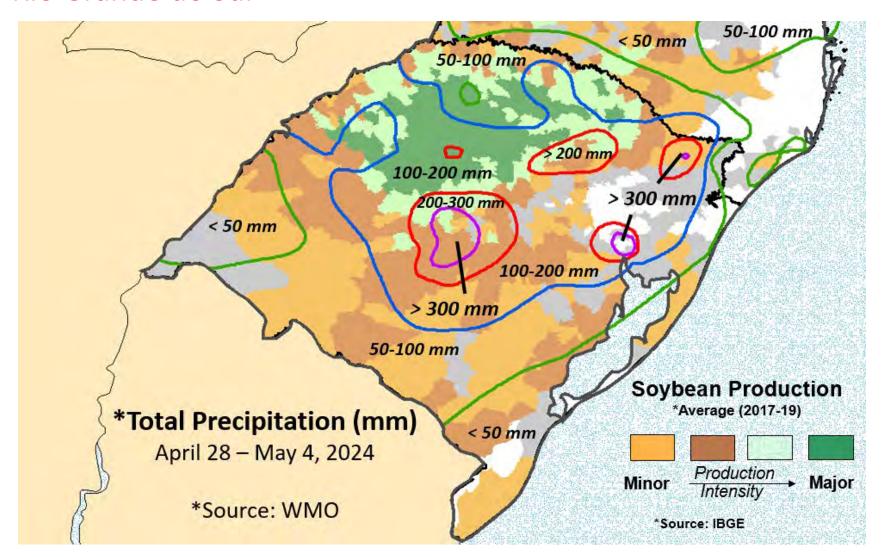
	2023/2024		2024/2025		
		Change from		Change from	
Country or Region	Estimate	April 11	Forecast	2023/2024	
		Millior	Tons		
World	396.9	0.2	422.3	25.3	
United States	113.3		121.1	7.8	
Foreign	283.6	0.2	301.2	17.6	
Argentina	50.0		51.0	1.0	
Brazil	154.0	-1.0	169.0	15.0	
Paraguay	10.5		10.7	0.2	
Canada	7.0		6.7	-0.3	
India	11.9	0.9	12.2	0.3	
China	20.8		20.7	-0.1	

⁻⁻ No change.

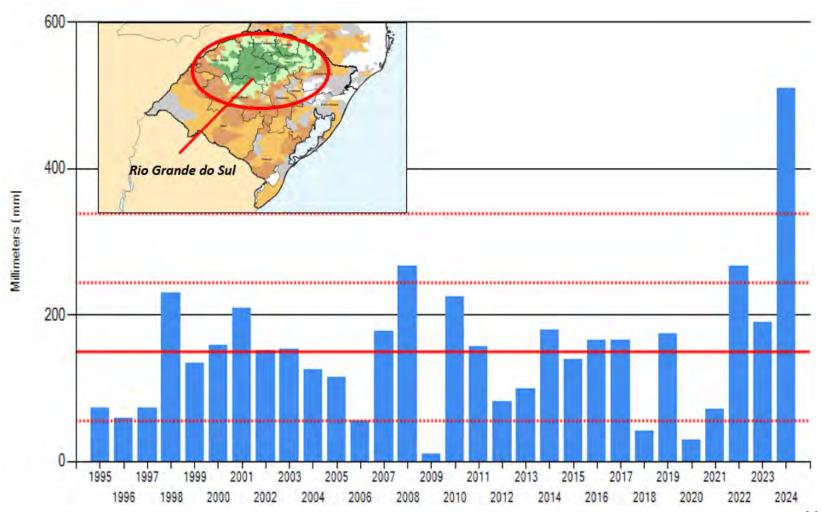
Rio Grande do Sul: Cumulative Precipitation (mm)



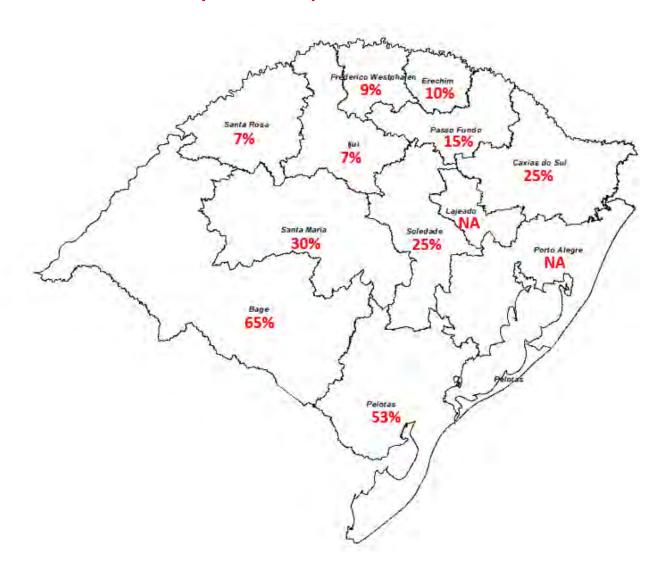
Rio Grande do Sul



Rio Grande do Sul *Total Precipitation (mm): April 10-May 6



Rio Grande do Sul Soybeans, percent unharvested



World Soybean Supply and Use

	2023/2024		202	4/2025
		Change from		Change from
Item	Estimate	April 11	Forecast	2023/2024
		Millior	Tons	
Beginning stocks	100.5	-0.8	111.8	11.3
Production	396.9	0.2	422.3	25.3
Total Supply	497.5	-0.6	534.0	36.6
Crush	330.0	1.9	345.9	15.9
Total use	383.5	2.4	401.7	18.2
Trade	172.5	-0.6	180.2	7.7
Ending Stocks	111.8	-2.4	128.5	16.7
Addendum				
Beginning stocks				
Argentina plus Brazil	53.8	-0.7	57.6	3.8
Imports*				
China	105.0		109.0	4.0

^{*}From all sources.

⁻⁻ No change.

U.S. Soybeans Supply and Demand

	2023/2024		2024/2025	
		Change from		Change from
Item	Estimate	April 11	Forecast	2023/2024
Planted area (million acres)	83.6		86.5	2.9
Harvested area (million acres)	82.4		85.6	3.2
Yield (bushels per acre)	50.6		52.0	1.4
	Million bushels			
Beginning stocks	264		340	76
Production	4,165		4,450	285
Imports	25		15	-10
Total supply	4,454		4,805	351
Crush	2,300		2,425	125
Seed and Residual	114	**	110	-4
Domestic use	2,414	**	2,535	121
Exports	1,700		1,825	125
Total use	4,114	**	4,360	246
Ending stocks	340	**	445	105
	Percent			
Stocks to use ratio	8.3	**	10.2	1.9
	Dollars per bushel			
Average market price	12.55		11.20	-1.35

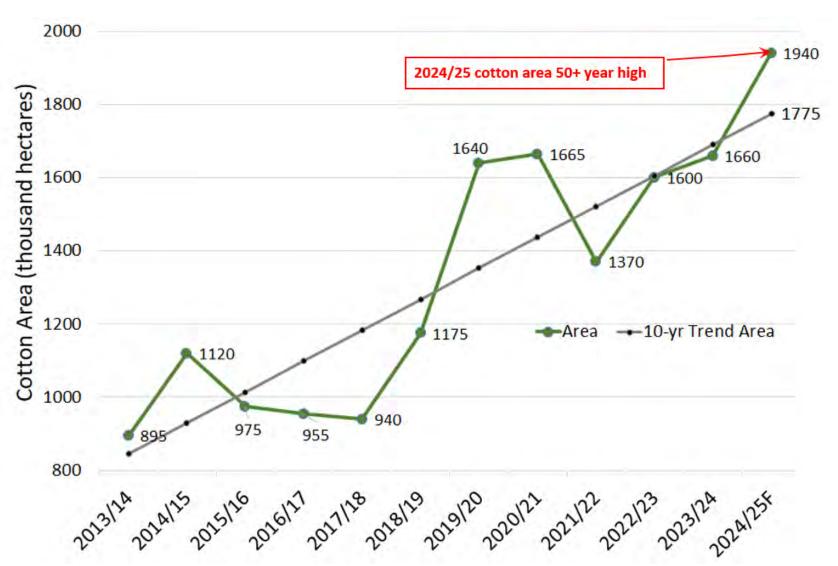
⁻⁻ No change. ** Rounds to zero.

World Cotton Production

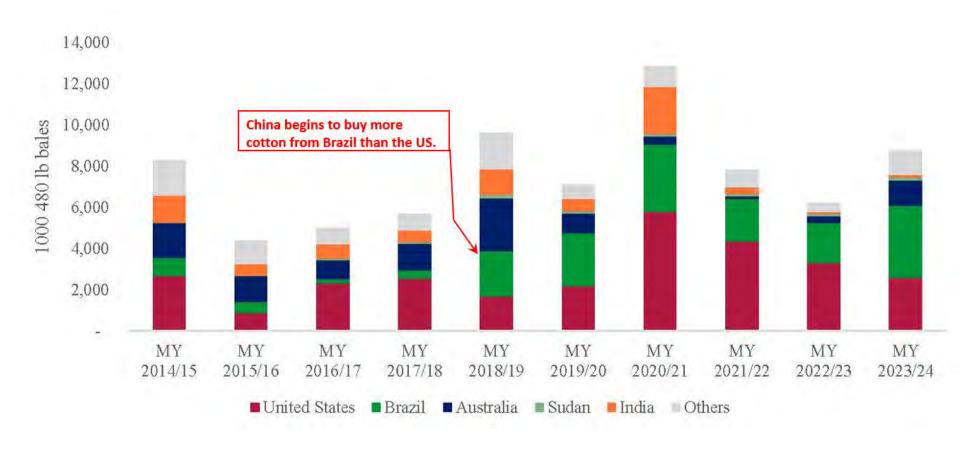
	2023/2024		2024/2025		
		Change from		Change from	
Country or Region	Estimate	April 11	Forecast	2023/2024	
		Million	bales		
World	113.6	0.6	119.0	5.5	
United States	12.1	**	16.0	3.9	
Foreign	101.5	0.7	103.0	1.5	
Argentina	1.6		1.6	-0.1	
Brazil	14.6	**	16.7	2.1	
Turkey	3.2		4.0	0.8	
Australia	5.0	0.2	5.0		
China	27.5		27.0	-0.5	
India	26.0	0.5	25.0	-1.0	
Pakistan	6.7		6.5	-0.2	
Uzbekistan	2.9		2.9		
Turkmenistan	0.9		0.9		
African Franc Zone	4.9		5.1	0.2	

⁻⁻ No change. **Rounds to zero.

Brazil Cotton Area



Evolution of China's cotton imports from major suppliers



World Cotton Supply and Demand

	2023/2024		2024/2025	
		Change from		Change from
Item	Estimate	April 11	Forecast	2023/2024
		Million	bales	
Beginning stocks	80.4	-2.2	80.5	0.1
Production	113.6	0.6	119.0	5.5
Total Supply	194.0	-1.5	199.5	5.5
Consumption	113.4	0.5	116.9	3.5
Trade	44.5	0.5	45.0	0.5
Ending Stocks	80.5	-2.6	83.0	2.5
Addendum				
China ending stocks	41.1	0.1	41.0	-0.1

U.S. Cotton Supply and Demand

	2023/2024		202	4/2025	
		Change from		Change from	
Item	Estimate	April 11	Forecast	2023/2024	
Planted area (million acres)	10.23		10.67	0.44	
Harvested area (million acres)	6.44	-0.63	9.13	2.69	
Yield (pounds per acre)	899	77	842	-57	
	Million bales				
Beginning stocks	4.25		2.40	-1.85	
Production	12.07	-0.03	16.00	3.93	
Imports	0.01		0.01		
Total supply	16.32	-0.03	18.41	2.08	
Mill use	1.80	0.05	1.90	0.10	
Exports	12.30		13.00	0.70	
Total use	14.10	0.05	14.90	0.80	
Unaccounted	-0.18	0.02	-0.20	-0.02	
Ending stocks	2.40	-0.10	3.70	1.30	
	Percent				
Stocks to use ratio	17.0	-0.8	24.8	7.8	
	Cents per pound				
Average market price	76.00		74.00	-2.00	

⁻⁻ No change.

Mexico Sugar Supply and Demand

	202	2023/2024		2024/2025	
		Change from		Change from	
Item	Estimate	April 11	Forecast	2023/2024	
		 Thousand	metric tons		
Beginning Stocks	835		872	37	
Production	4,649	77	5,189	540	
Imports	575		525	-50	
Total Supply	6,059	77	6,585	526	
Domestic Use	4,618		4,661	43	
Exports	569	98	1,024	455	
Total use	5,187	98	5,685	498	
Ending stocks	872	-22	900	28	

⁻⁻ No change.

U.S. Sugar Supply and Demand

	2023/2024		2024/2025	
		Change from		Change from
ltem	Estimate	April 11	Forecast	2023/2024
		 Thousand short	tons, raw va	lue
Beginning Stocks	1,843		1,758	-84
Production	9,131	-84	9,232	101
Beets	5,095	-49	5,111	16
Cane	4,036	-35	4,121	85
Imports	3,438	21	3,028	-409
TRQ	1,798	23	1,415	-382
Re-export	288		200	-88
Mexico	497	-1	1,197	700
High-tier	855		216	-639
Total Supply	14,411	-63	14,019	-392
Exports	198		100	-98
Domestic deliveries	12,455	-100	12,455	
Total use	12,653	-100	12,555	-98
Ending stocks	1,758	37	1,464	-295
		Perd	ent	
Stocks/use ratio	13.9	0.4	11.7	-2.2

⁻⁻ **No change.** May 10, 2024

U.S. Meat Production and Prices

	2024		2	2025
		Change from		Change from
Item	Forecast	April 11	Forecast	2024
Production		Billion	Pounds	
Beef	26.59	0.14	25.12	-1.47
Pork	28.06	-0.03	28.40	0.34
Broilers	46.81	-0.30	47.55	0.75
Turkey	5.21	-0.16	5.32	0.11
Total Meat	107.43	-0.35	107.15	-0.28
Prices	-	Dollars	per cwt	
Steers	183.51	-1.50	188.25	4.74
Hogs	62.49	-0.50	60.00	-2.49
	Cents per pound			
Broilers	127.0	-2.3	126.0	-1.0
Turkey	95.3	-9.0	105.0	9.7

U.S. Meat Trade

Million Pounds

	2	2024		2025	
		Change from		Change from	
Item	Forecast	April 11	Forecast	2024	
		Exports			
Beef	2,818	13	2,500	-318	
Pork	7,262	-78	7,615	353	
Broilers	6,889	-171	7,025	136	
Turkey	510	-10	515	5	
Total Meat	17,512	-243	17,688	176	
		Imports			
Beef	4,171	-5	4,225	55	

U.S. Milk Supply and Demand

	2024		2	2025
	Change from			Change from
Item	Forecast	April 11	Forecast	2024
		Billion	pounds	
Production	227.3	1.0	229.3	2.0
Fat Basis				
Imports	8.2	0.2	8.1	-0.2
Domestic Use	224.2	1.1	225.3	1.2
Exports	11.0	-0.3	11.2	0.3
Skim-solid Basis				
Imports	7.0	0.2	6.9	0.0
Domestic Use	184.2	1.3	185.2	1.1
Exports	49.3	-0.4	50.2	0.9

U.S. Dairy Product Prices

	2024		2	2025
		Change from		Change from
Item	Forecast	April 11	Forecast	2024

Product prices	Dollars per pound				
Cheese	1.69	0.07	1.67	-0.03	
Butter	2.94	0.01	2.91	-0.02	
Nonfat dry milk	1.16	-0.02	1.14	-0.02	
Dry whey	0.40	-0.02	0.38	-0.03	
Class prices		Dollars	per cwt		
Class III	16.75	0.55	16.30	-0.45	
Class IV	20.25	-0.15	19.95	-0.30	
All milk	21.20	0.30	20.90	-0.30	

U.S. Production Summary

	2023/2024		2024/2025	
		Change from		Change from
Item	Estimate	April 11	Forecast	2023/2024
Crops and Products				
Wheat (million bushels)	1,812		1,858	46
Rice (million cwt)	218.3		220.2	1.9
Corn (million bushels)	15,342		14,860	-482
Sorghum (million bushels)	318		388	70
Barley (million bushels)	185		161	-24
Oats (million bushels)	57		47	-10
Soybeans (million bushels)	4,165		4,450	285
Soybean oil (million pounds)	27,070		28,515	1,445
Soybean meal (thousand s.t.)	54,254		57,075	2,821
Cotton (million bales)	12.07	-0.03	16.00	3.93
Sugar (thousand s.t., raw value	9,131	-84	9,232	101
Milk (billion pounds)	227.3	1.0	229.3	2.0
Meat (billion pounds)				
Beef	26.59	0.14	25.12	-1.47
Pork	28.06	-0.03	28.40	0.34
Broilers	46.81	-0.30	47.55	0.75
Turkey	5.21	-0.16	5.32	0.11
Total Meat	107.43	-0.35	107.15	-0.28

-- **No change.** May 10, 2024

U.S. Consumption Summary

	2023/2024		202	2024/2025	
		Change from		Change from	
Item	Estimate	April 11	Forecast	2023/2024	
Crops and Products					
Wheat (million bushels)	1,114		1,124	10	
Rice (million cwt)	157.0		160.0	3.0	
Corn (million bushels)	12,555	50	12,605	50	
Sorghum (million bushels)	75		115	40	
Barley (million bushels)	185		170	-15	
Oats (million bushels)	131		127	-4	
Soybeans (million bushels)	2,414	**	2,535	121	
Soybean oil (million pounds)	27,200		28,300	1,100	
Soybean meal (thousand s.t.)	39,025		40,325	1,300	
Cotton (million bales)	1.80	0.05	1.90	0.10	
Sugar (thousand s.t., raw value	12,455	-100	12,455		
Milk (billion pounds, fat basis)	224.2	1.1	225.3	1.2	
Meat (Billion pounds)					
Beef	28.07	0.12	26.93	-1.14	
Pork	22.05	0.04	22.03	-0.02	
Broilers	39.63	-0.12	40.22	0.59	
Turkey	4.78	-0.15	4.85	0.07	
Total Meat	95.57	-0.12	95.09	-0.48	

⁻⁻ No change. ** Rounds to zero.

U.S. Export Summary

	2023/2024		2024/2025	
		Change from		Change from
Item	Estimate	April 11	Forecast	2023/2024
Crops and Products				
Wheat (million bushels)	720	10	775	55
Rice (million cwt)	94.0	3.0	100.0	6.0
Corn (million bushels)	2,150	50	2,200	50
Sorghum (million bushels)	245		260	15
Soybeans (million bushels)	1,700		1,825	125
Soybean oil (million pounds)	350		500	150
Soybean meal (thousand s.t.)	15,800		17,300	1,500
Cotton (million bales)	12.30		13.00	0.70
Meat (Million Ibs)				
Beef	2,818	13	2,500	-318
Pork	7,262	-78	7,615	353
Broilers	6,889	-171	7,025	136
Turkey	510	-10	515	5
Mature Chickens	29	4	28	-1
Total Meat	17,512	-243	17,688	176

⁻⁻ No change.

Price Summary

	2023/2024		2024/2025	
		Change from		Change from
Item	Estimate	April 11	Forecast	2023/2024
Crops and products				
Wheat (\$/bu)	7.10		6.00	-1.10
Rice (\$/cwt)	18.00	-0.80	15.60	-2.40
Corn (\$/bu)	4.65	-0.05	4.40	-0.25
Soybeans (\$/bu)	12.55		11.20	-1.35
Soybean oil (¢/lb)	48.00	-1.00	42.00	-6.00
Soybean meal (\$/s.t.)	380		330	-50
Cotton (¢/lb)	76.00		74.00	-2.00
Livestock				
Steers (\$/cwt)	183.51	-1.50	188.25	4.74
Hogs (\$/cwt)	62.49	-0.50	60.00	-2.49
Broilers (¢/lb)	127.0	-2.3	126.0	-1.0
Turkeys (¢/lb)	95.3	-9.0	105.0	9.7
Dairy products				
Cheese (\$/lb)	1.69	0.07	1.67	-0.03
Butter (\$/lb)	2.94	0.01	2.91	-0.02
Nonfat dry milk (\$/lb)	1.16	-0.02	1.14	-0.02
Dry whey (\$/lb)	0.40	-0.02	0.38	-0.03
Milk classes				
Class III (\$/cwt)	16.75	0.55	16.30	-0.45
Class IV (\$/cwt)	20.25	-0.15	19.95	-0.30
All milk (\$/cwt)	21.20	0.30	20.90	-0.30

⁻⁻ No change.

May 10, 2024