



October Crop Production

Agricultural Statistics Board Briefing

**Patrick Boyle, Chief
Crops Branch**

Special Note

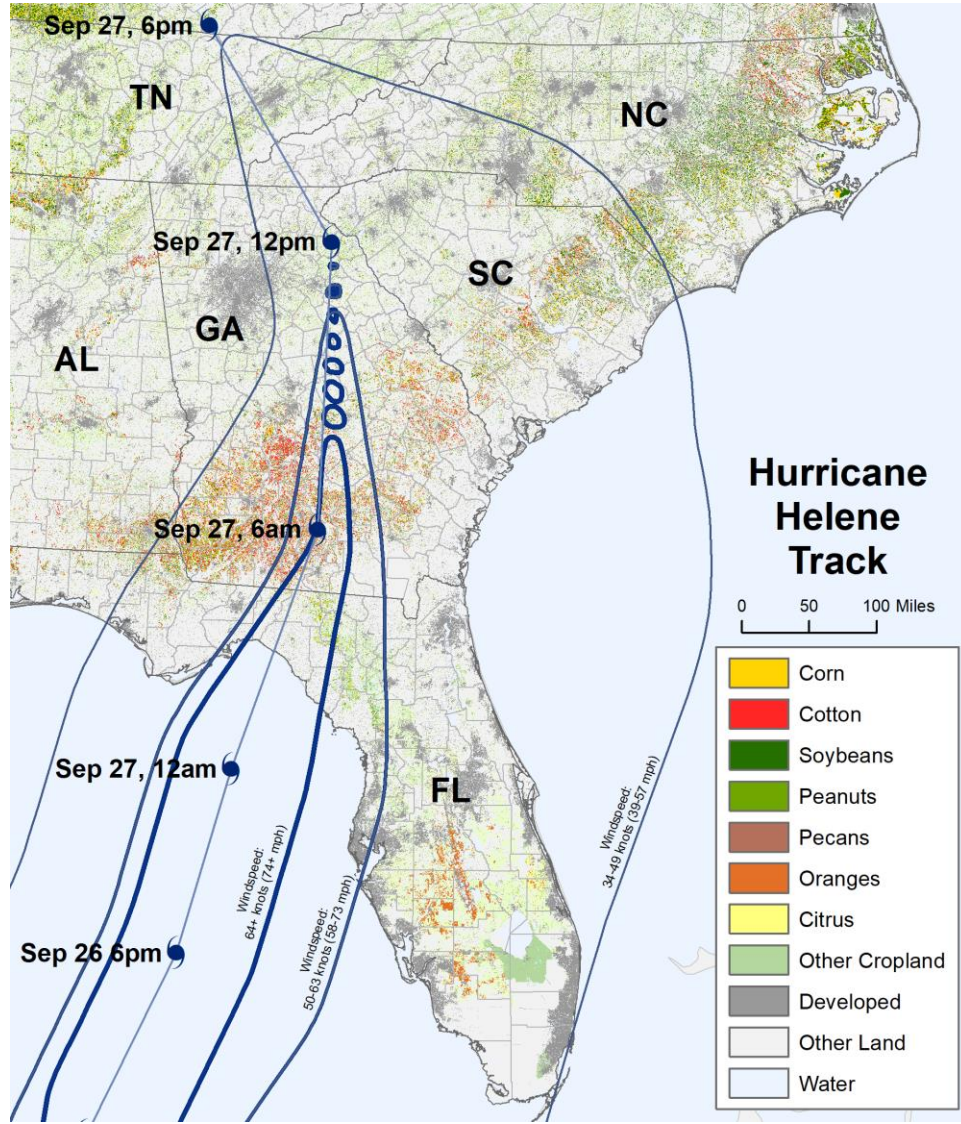
Hurricane Helene made landfall in Florida on September 26, 2024 as a Category 4 hurricane. After passing through parts of Alabama, Georgia, and the Carolinas, it degenerated to a post-tropical cyclone on September 27, over Tennessee.

Survey work for the Florida citrus forecasts was completed on schedule before Hurricane Helene made landfall. The Florida citrus forecasts in this report do not reflect the potential impact from the hurricane. The next citrus forecast will be in the December Crop Production report.

Survey work for the field crop and pecan forecasts in this report occurred primarily from September 28 to October 7. Although much of the survey work occurred after the most severe weather had subsided, the full impact of the storm may not be reflected until future reports.

Each October, NASS has the opportunity to revise planted and harvested acreage estimates for canola, dry edible beans, and sunflower. Revisions are based on all available data, including the latest certified acreage data from the Farm Service Agency (FSA).

Hurricane Helene Track





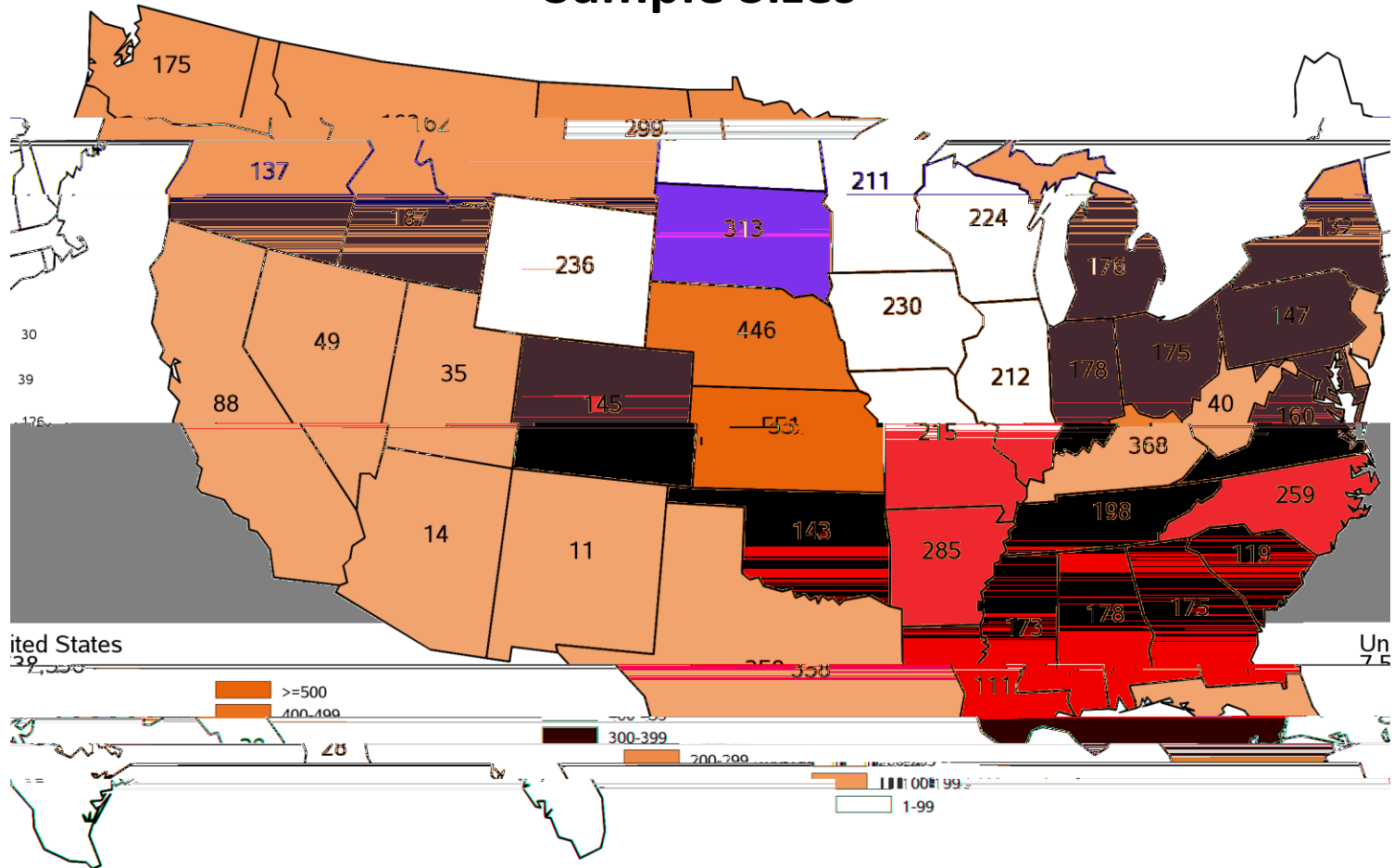
Data Sources



Operator Reported Survey	Ag Yield	Sample Size = 7,538	September 28 - October 7
Field Surveys	Objective Yield Corn, Soybeans	Sample Size = 3,090	September 24 - October 1
	Tree Inventory Florida Citrus	229,427 Acres	July 1, 2023 - June 30, 2024
	Limb Count Florida Citrus	2,800 Groves	July 8 - September 20
	Size and Drop Florida Citrus	1,641 Groves	September 5 - September 19
Remotely Sensed (Satellite)	Time Series 250 Meter MODIS Satellite Data	Focus Area Corn Belt	Imagery Through September 28
FSA Certified Acres	Farm Service Agency policy requires that producers participating in several programs submit an annual report regarding all cropland use on their farms.		

October 2024 Ag Yield Survey

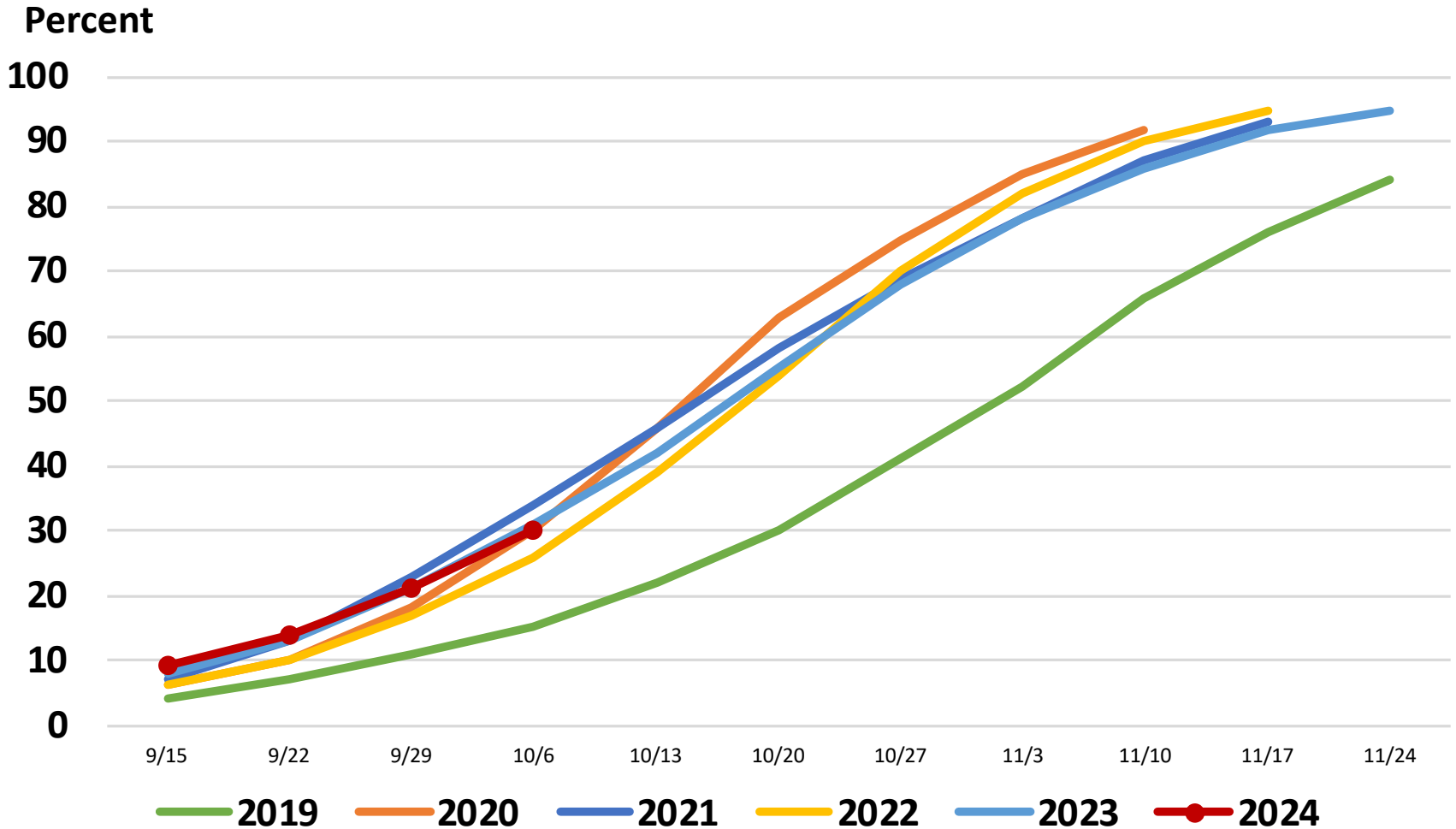
Sample Sizes





United States Corn Progress

Percent Harvested





October 2024 Corn Acreage, Yield, and Production

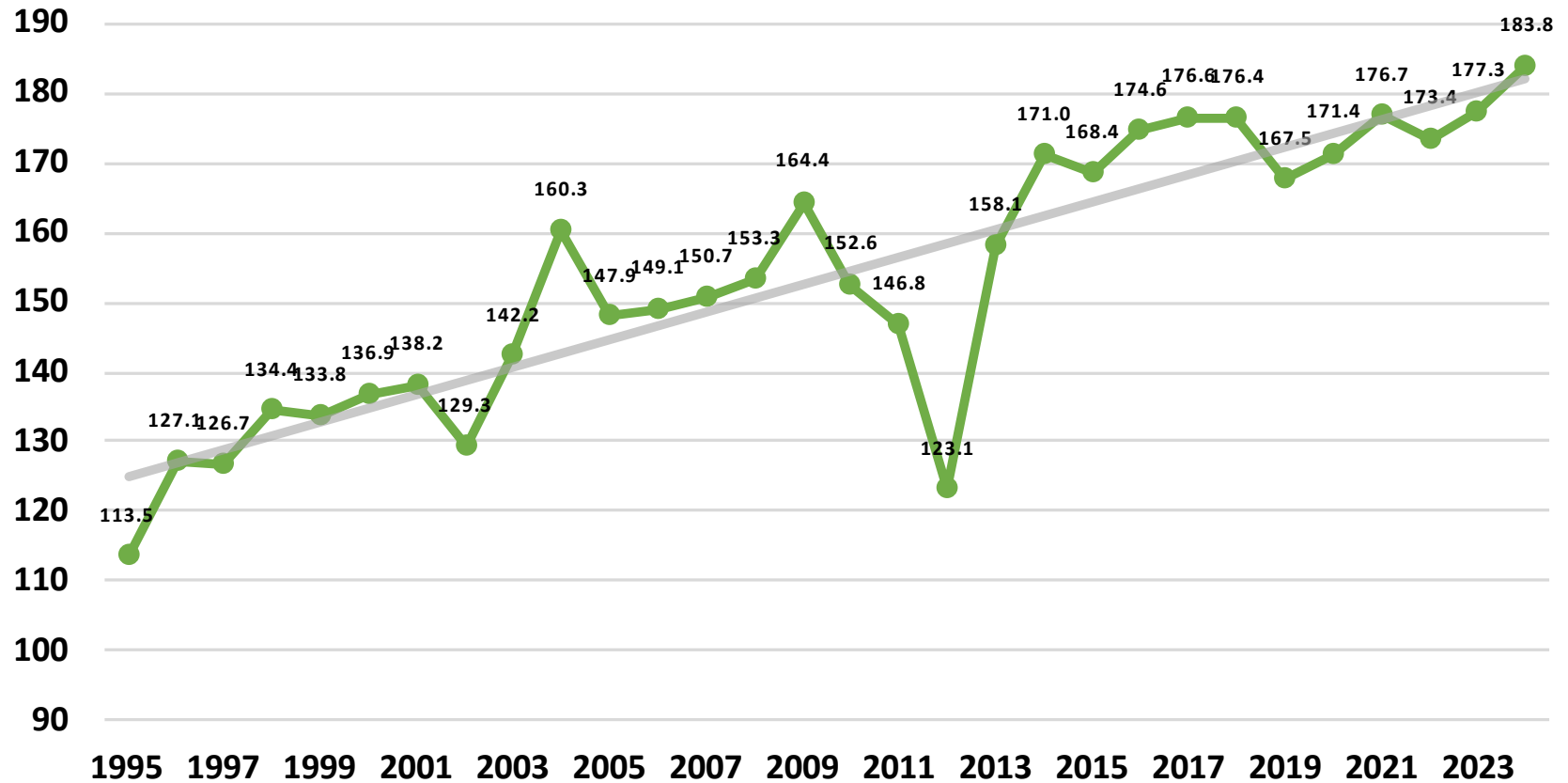
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	90,748	82,710	183.8	15,203,309
% Change from Previous Estimate	NC	NC	↑ 0.1	↑ 0.1
% Change from Previous Season	↓ 4.1	↓ 4.4	↑ 3.7	↓ 0.9

Top 5 States - By Production											
	Planted		Harvested		Yield		Production				
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Bushels/Acre)	% Δ PY	(1,000 Bushels)	% Δ PY			
Iowa	12,900	↓ 1.5	12,350	↓ 1.6	214	↑ 6.5	2,642,900	↑ 4.8			
Illinois	10,800	↓ 3.6	10,650	↓ 3.6	222	↑ 7.8	2,364,300	↑ 3.9			
Nebraska	10,100	↑ 1.5	9,700	↑ 2.1	196	↑ 7.7	1,901,200	↑ 10.0			
Minnesota	8,200	↓ 4.7	7,650	↓ 6.5	183	↓ 1.1	1,399,950	↓ 7.5			
Indiana	5,200	↓ 4.6	5,060	↓ 4.7	202	↓ 0.5	1,022,120	↓ 5.2			



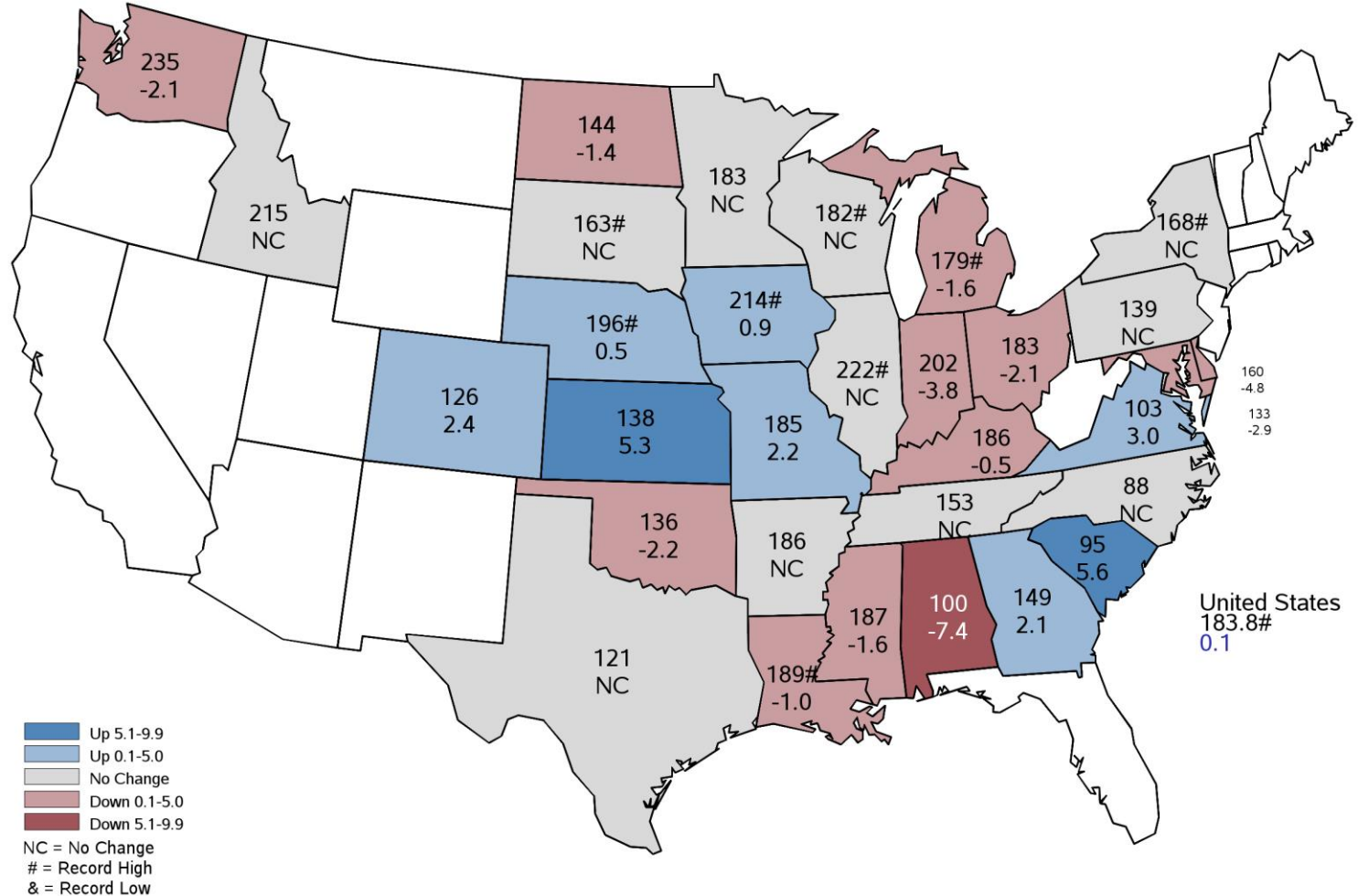
Corn Yield United States

Bushels per Acre



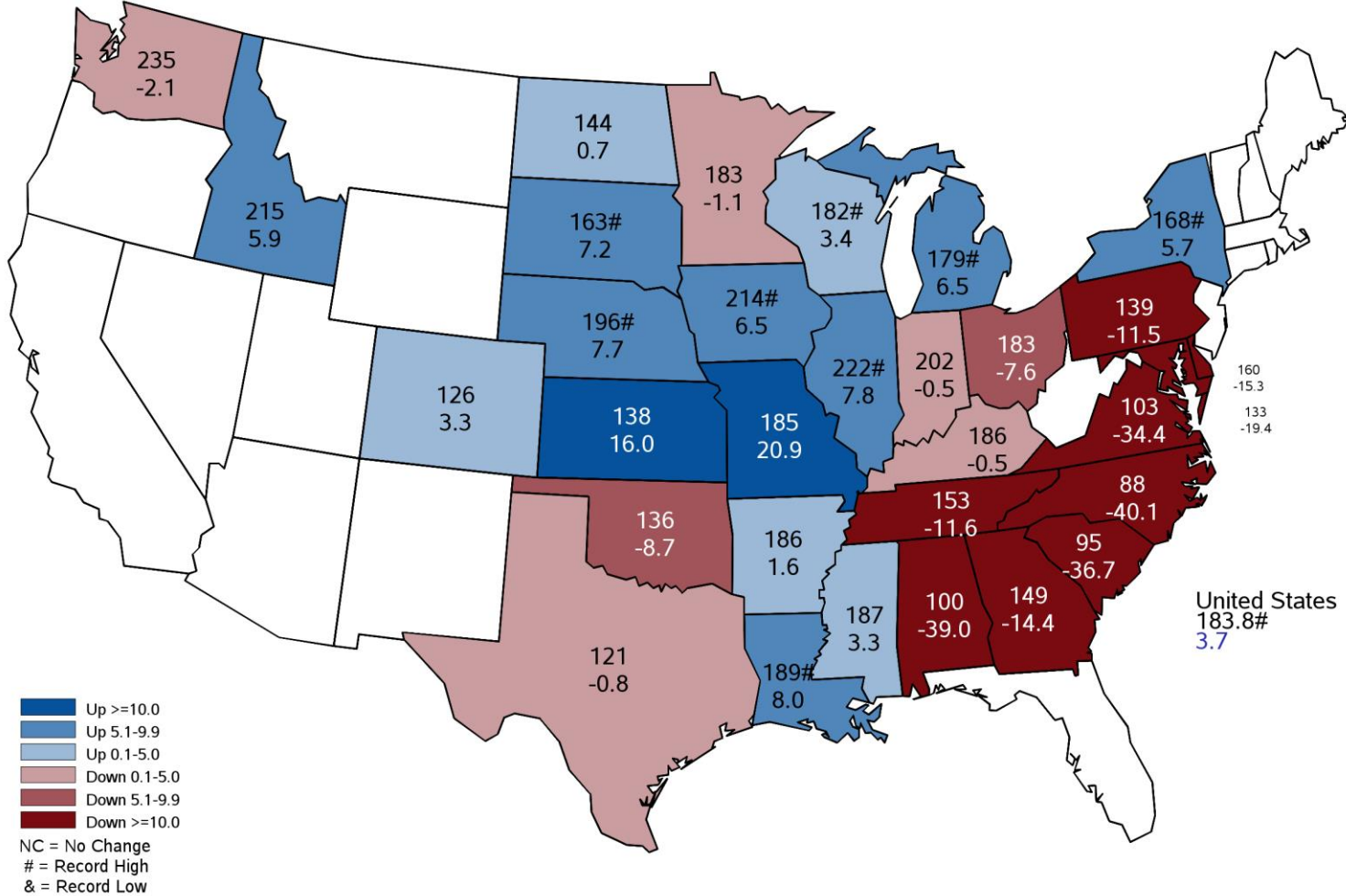
October 2024 Corn Yield

Bushels and Percent Change from Previous Month



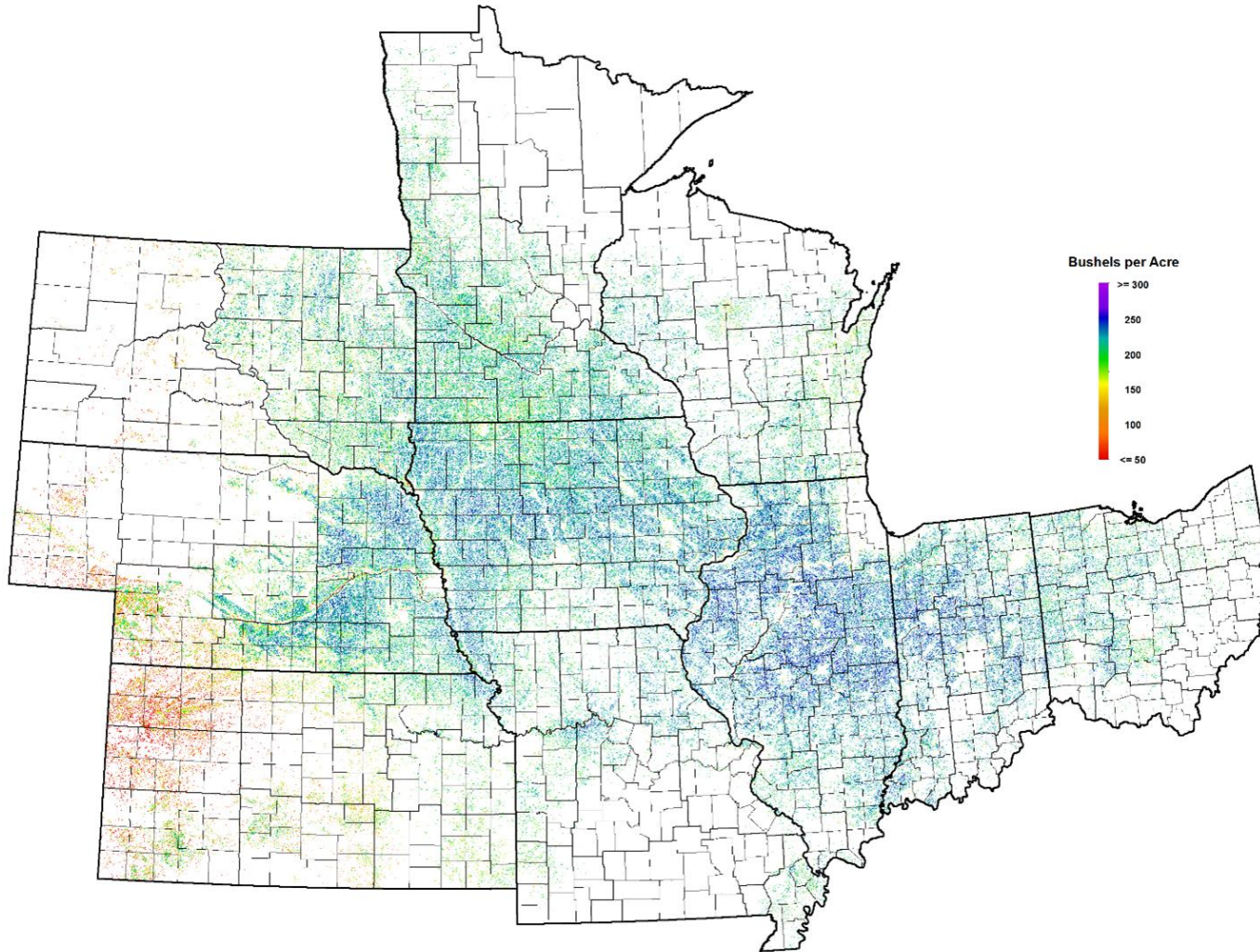
October 2024 Corn Yield

Bushels and Percent Change from Previous Year



October 2024 Corn

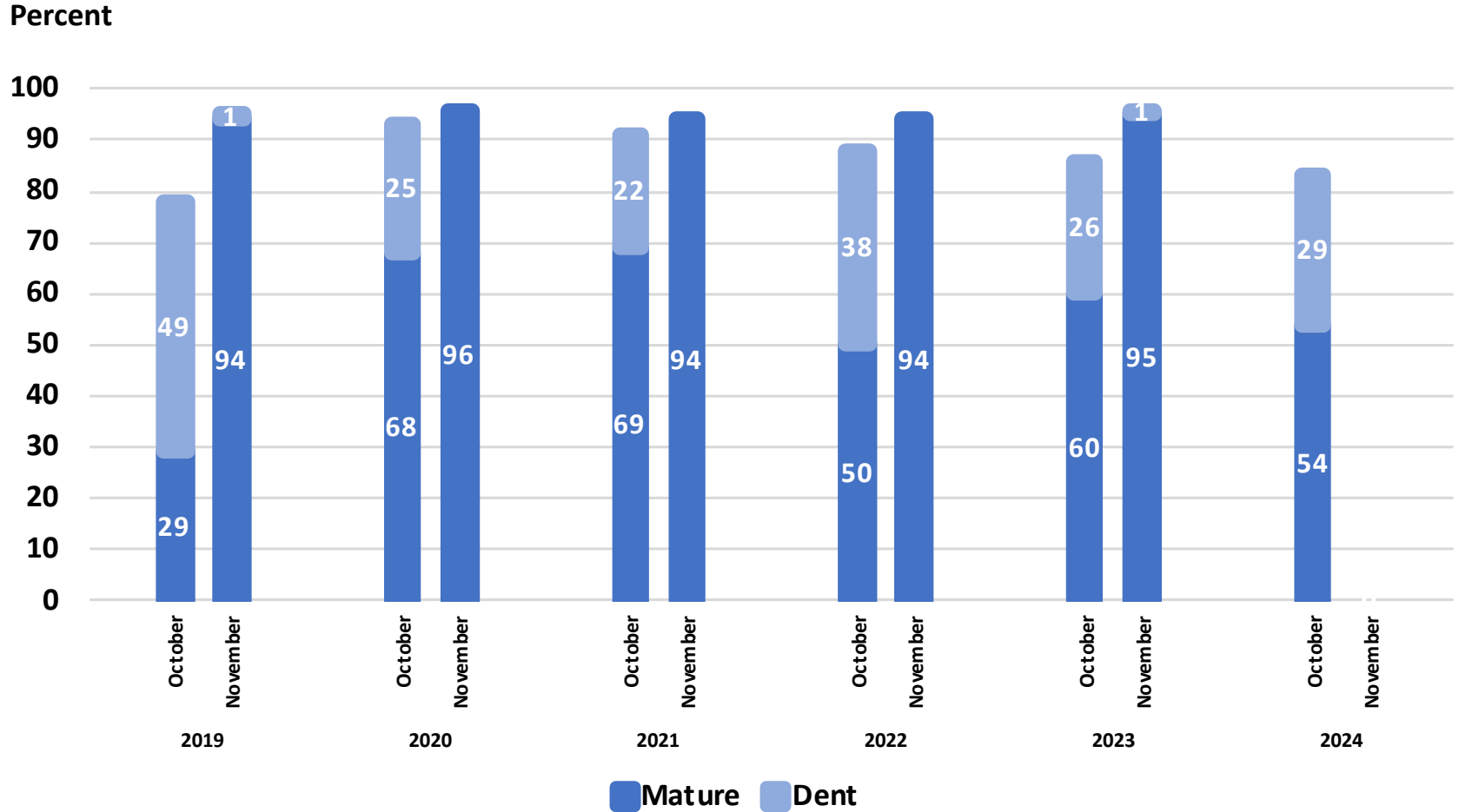
NASA Terra MODIS Modeled Yield





October 2024 Corn Objective Yield

Percent of Samples Processed in the Lab



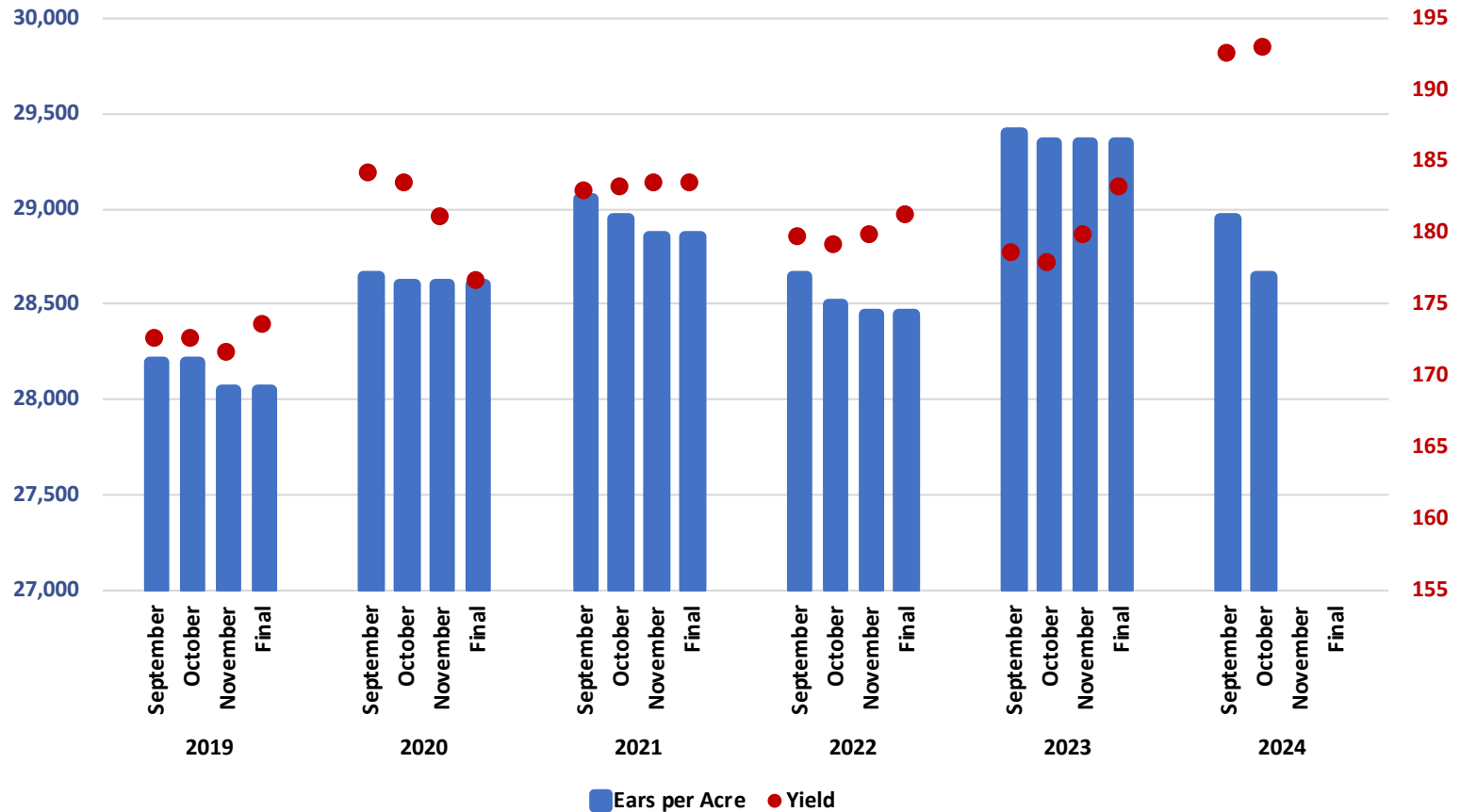


October 2024 Corn Objective Yield

Ears per Acre and Yield for 10 State Region

Ears per Acre

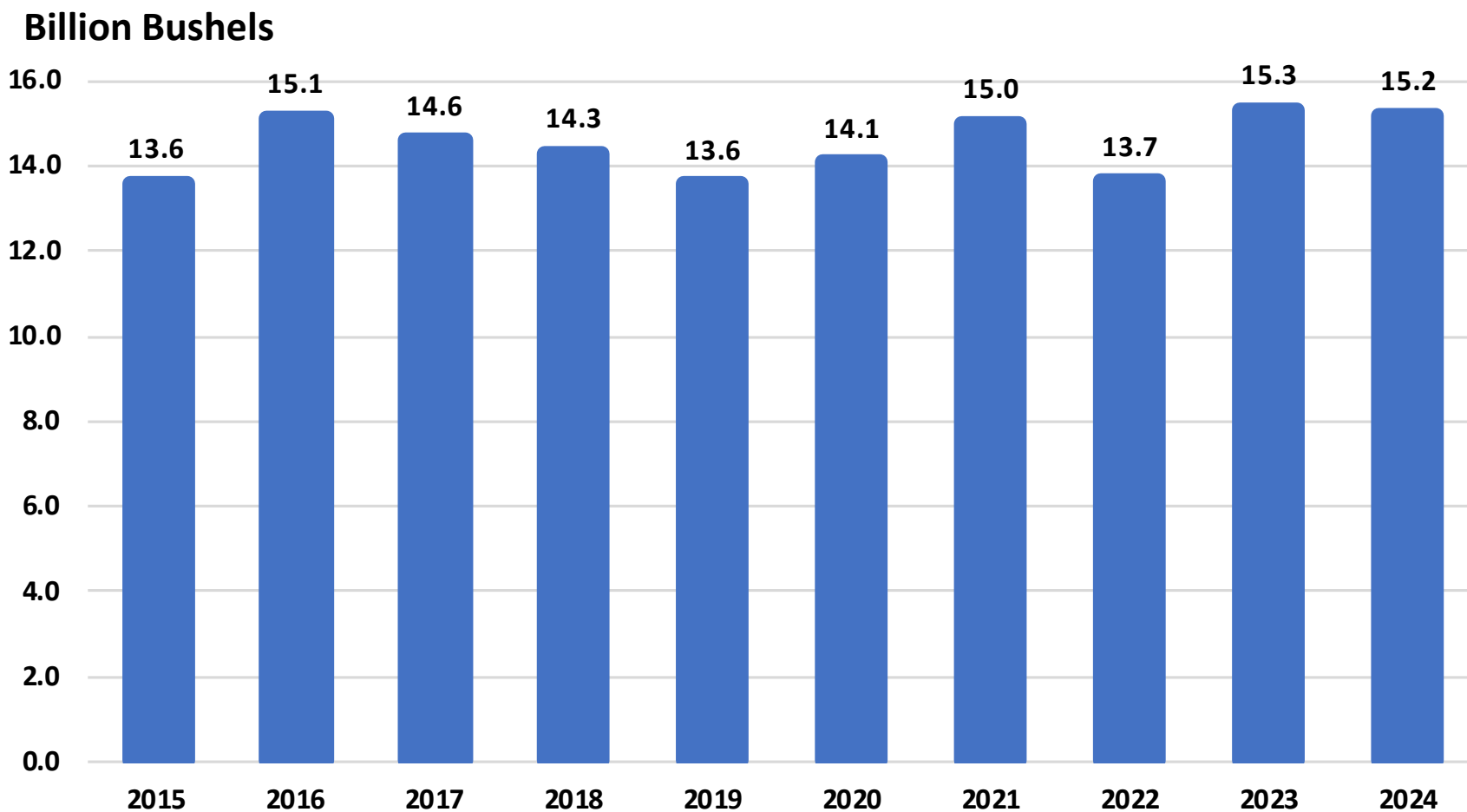
Bushels per Acre





Corn Production

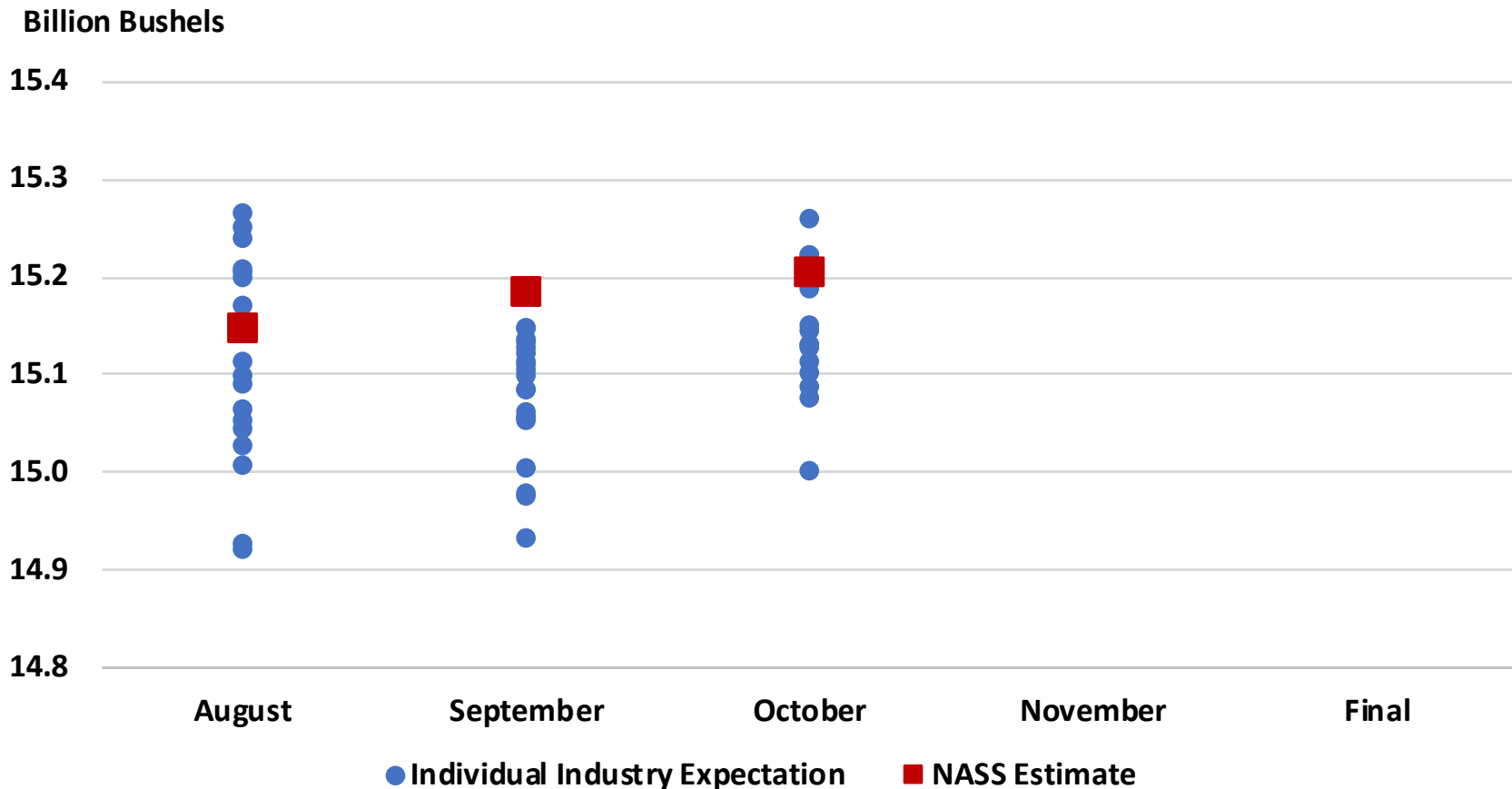
United States





2024 U.S. Corn Production

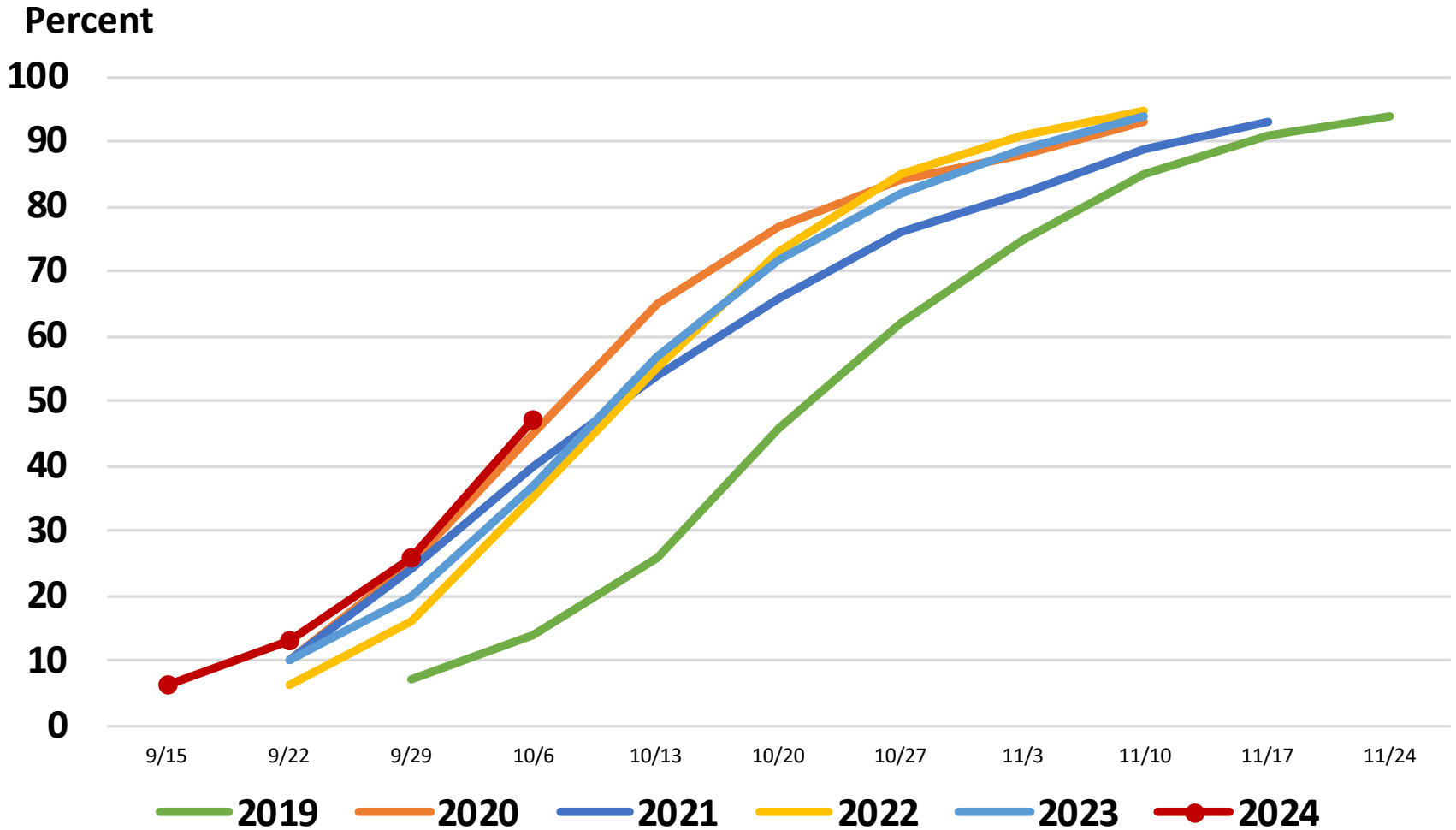
Industry Expectations vs NASS





United States Soybean Progress

Percent Harvested





October 2024 Soybeans

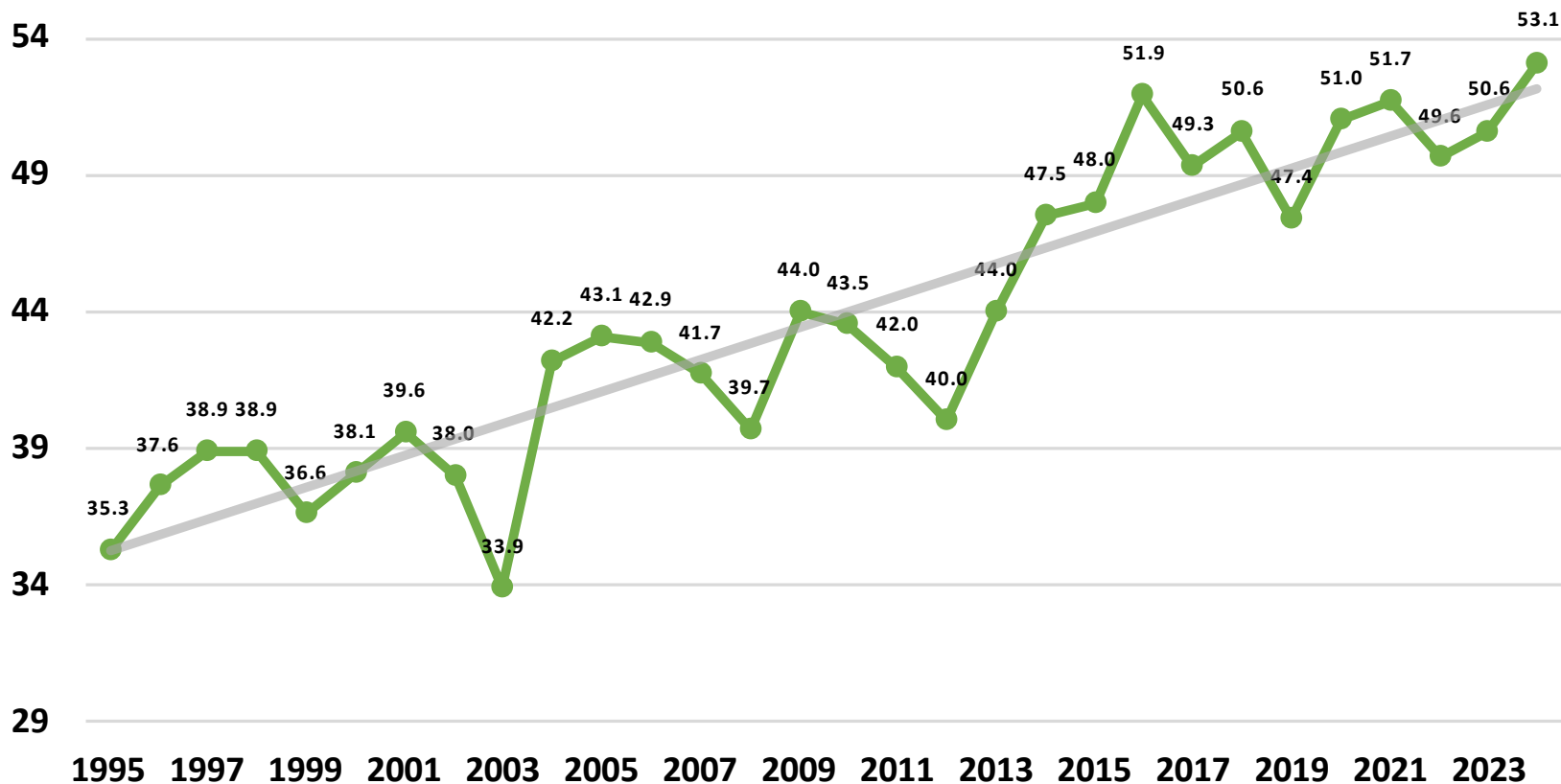
Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	87,100	86,271	53.1	4,581,984
% Change from Previous Estimate	NC	NC	↓ 0.2	↓ 0.1
% Change from Previous Season	↑ 4.2	↑ 4.9	↑ 4.9	↑ 10.1

	Top 5 States - By Production									
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)			
		% Δ PY		% Δ PY		% Δ PY		% Δ PY		% Δ PY
Illinois	10,800	↑ 4.3	10,750	↑ 4.4	67.0	↑ 6.3	720,250	↑ 11.0		
Iowa	10,050	↑ 1.0	9,970	↑ 0.9	64.0	↑ 10.3	638,080	↑ 11.3		
Minnesota	7,400	↑ 0.7	7,330	↑ 0.7	48.0	NC	351,840	↑ 0.7		
Indiana	5,800	↑ 5.5	5,780	↑ 5.5	60.0	↓ 1.6	346,800	↑ 3.7		
Nebraska	5,300	↑ 1.0	5,250	↑ 1.4	59.0	↑ 14.6	309,750	↑ 16.1		

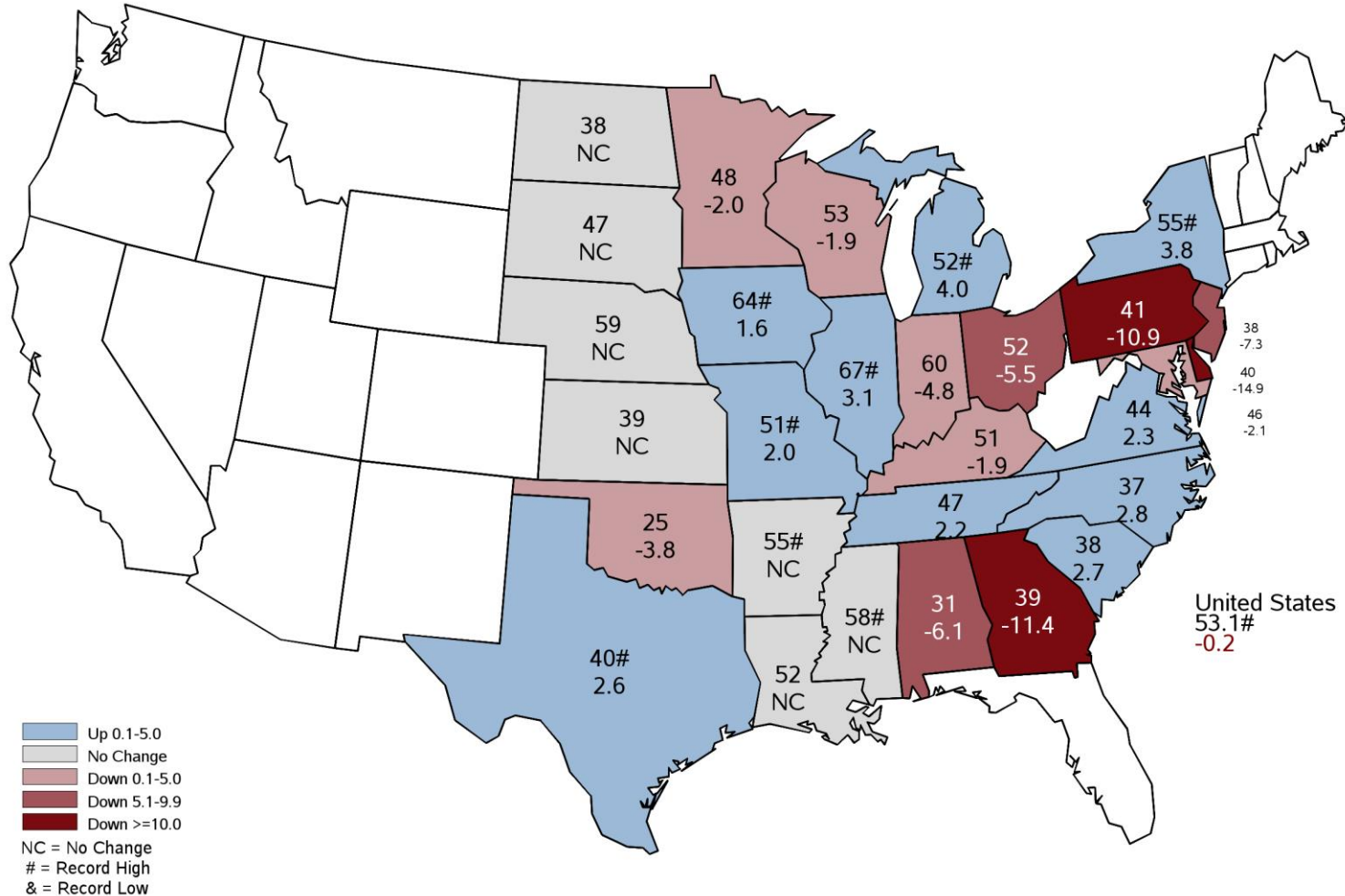
Soybean Yield United States

Bushels per Acre



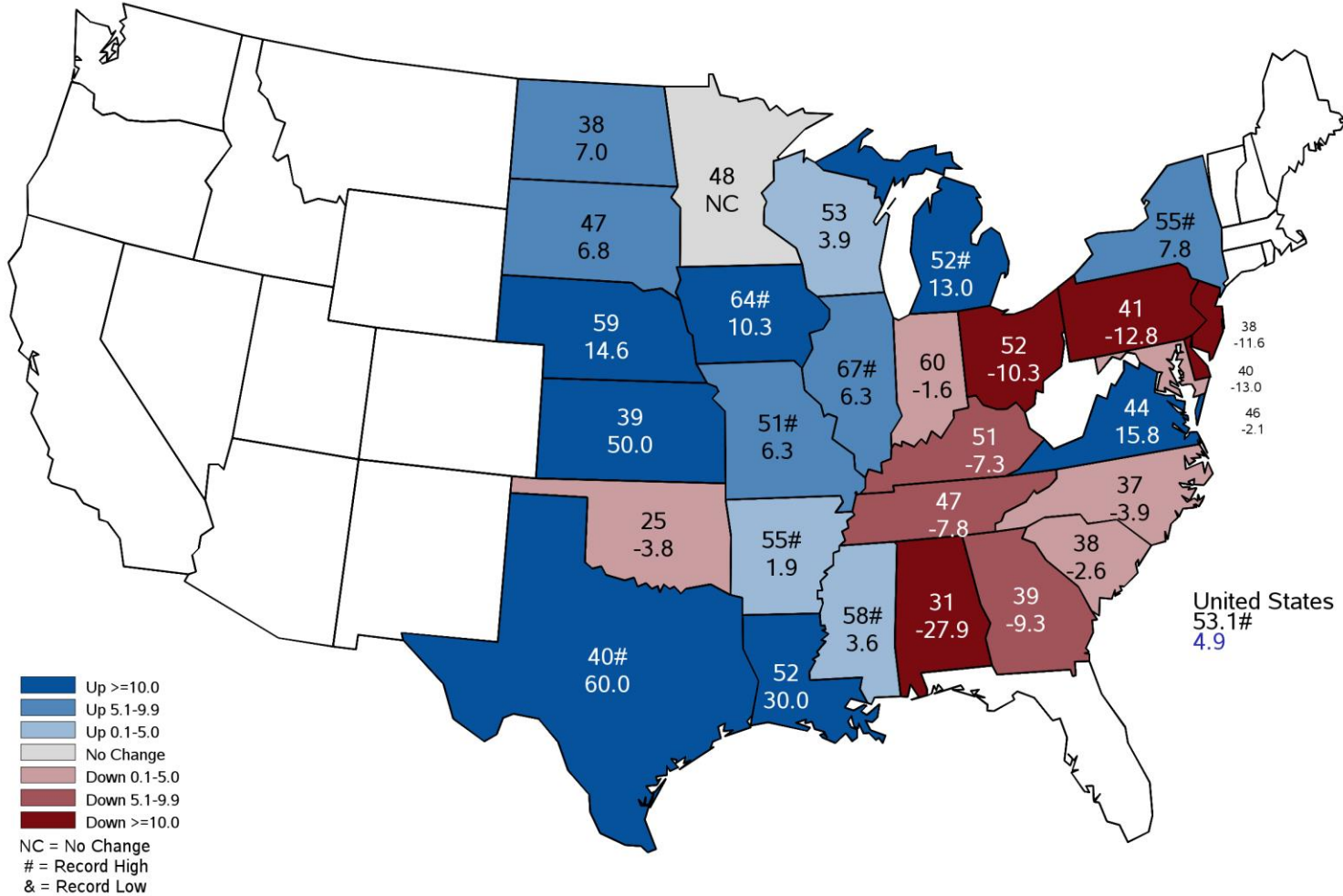
October 2024 Soybean Yield

Bushels and Percent Change from Previous Month



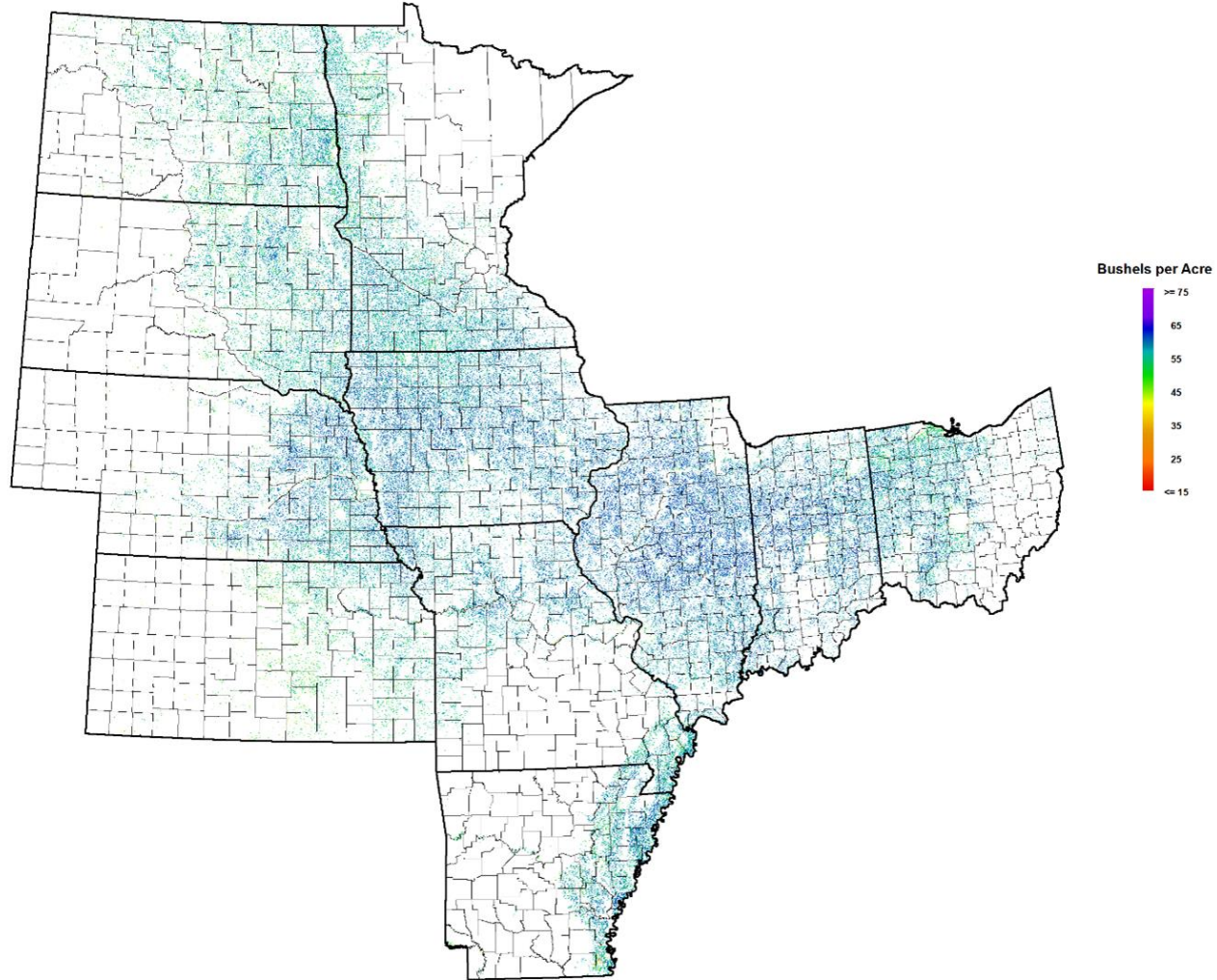
October 2024 Soybean Yield

Bushels and Percent Change from Previous Year



October 2024 Soybeans

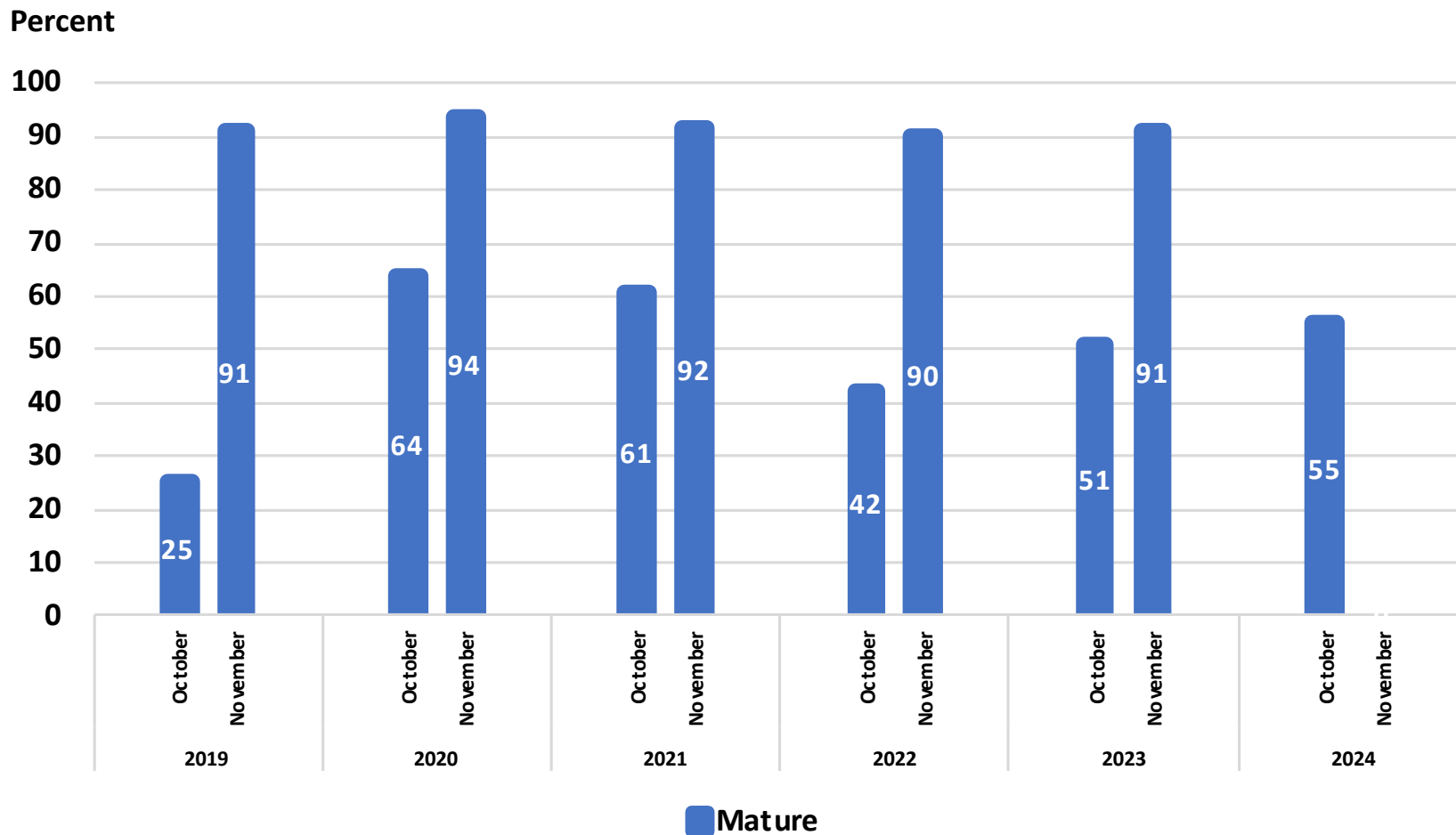
NASA Terra MODIS Modeled Yield





October 2024 Soybean Objective Yield

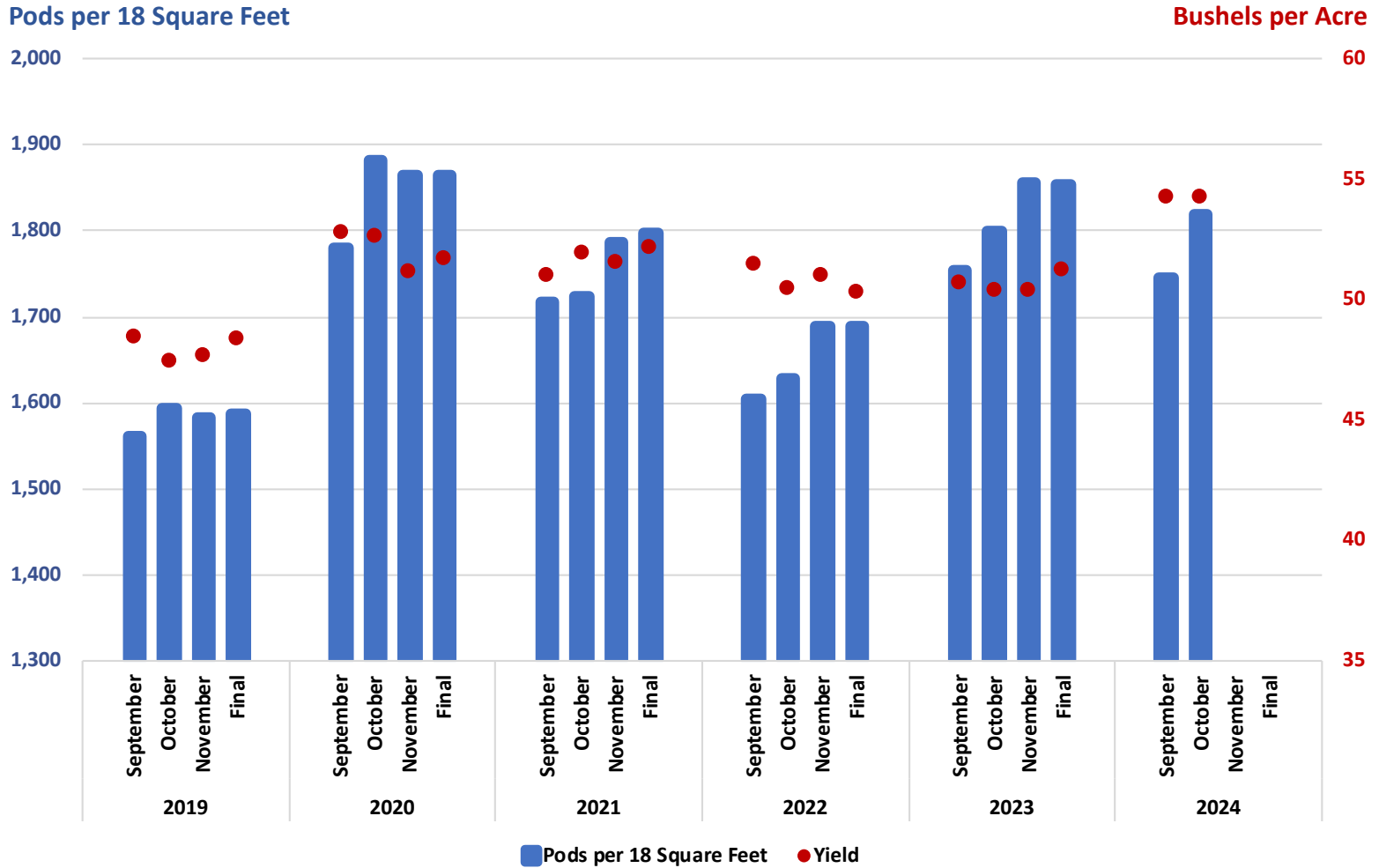
Percent of Samples Processed in the Lab





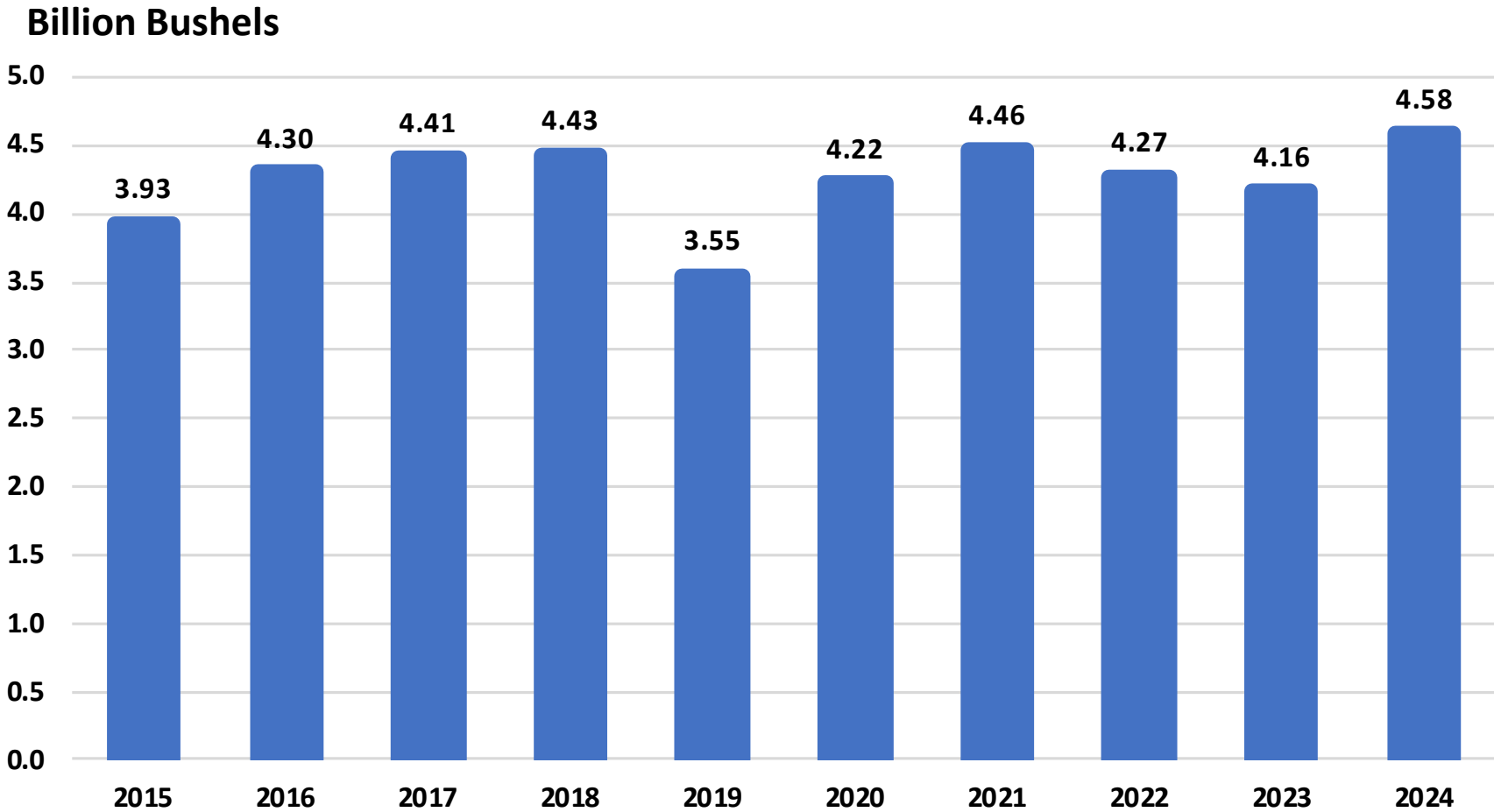
October 2024 Soybean Objective Yield

Pods per 18 Square Feet and Yield for 11 State Region



Soybean Production

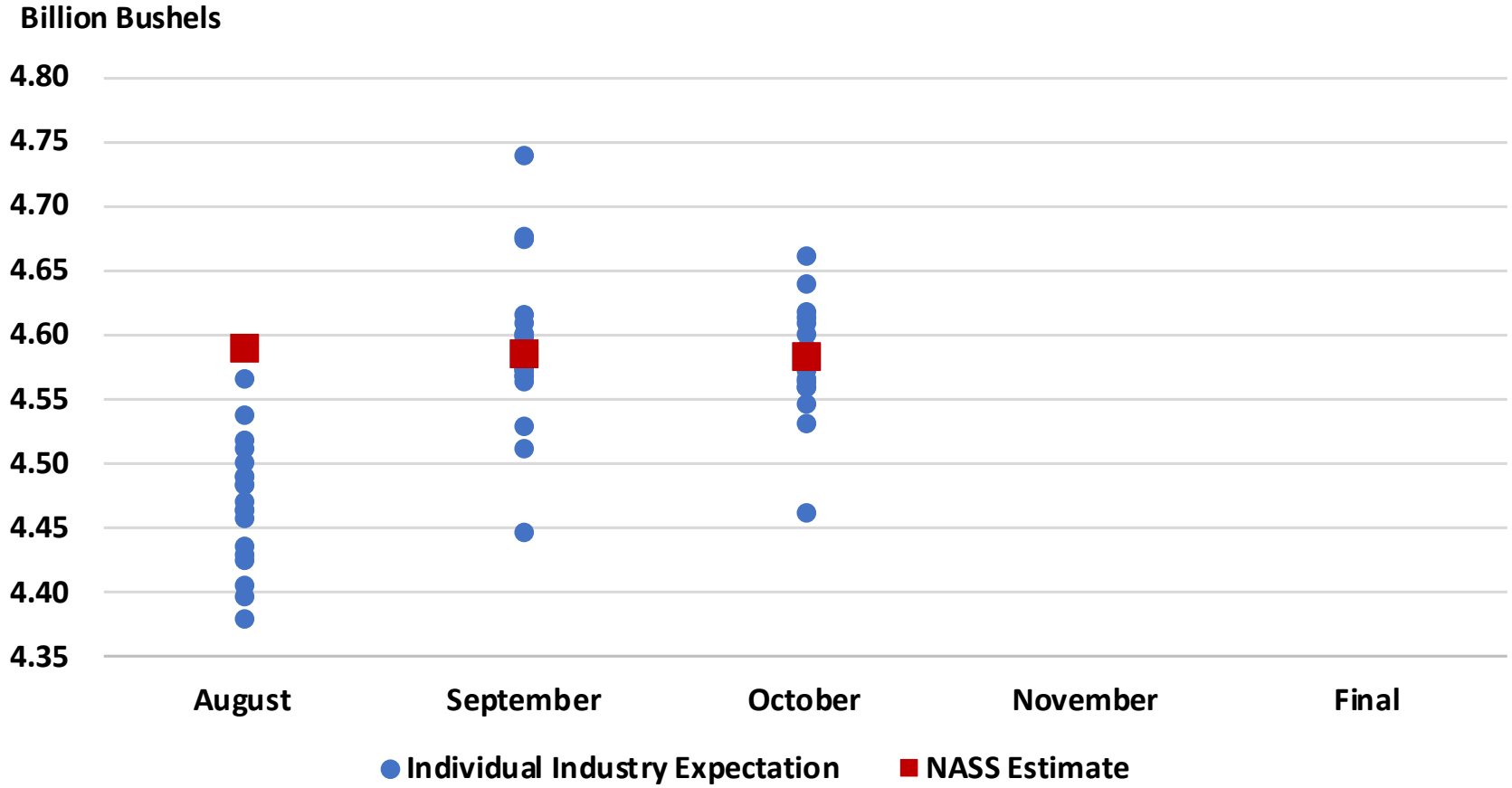
United States





2024 U.S. Soybean Production

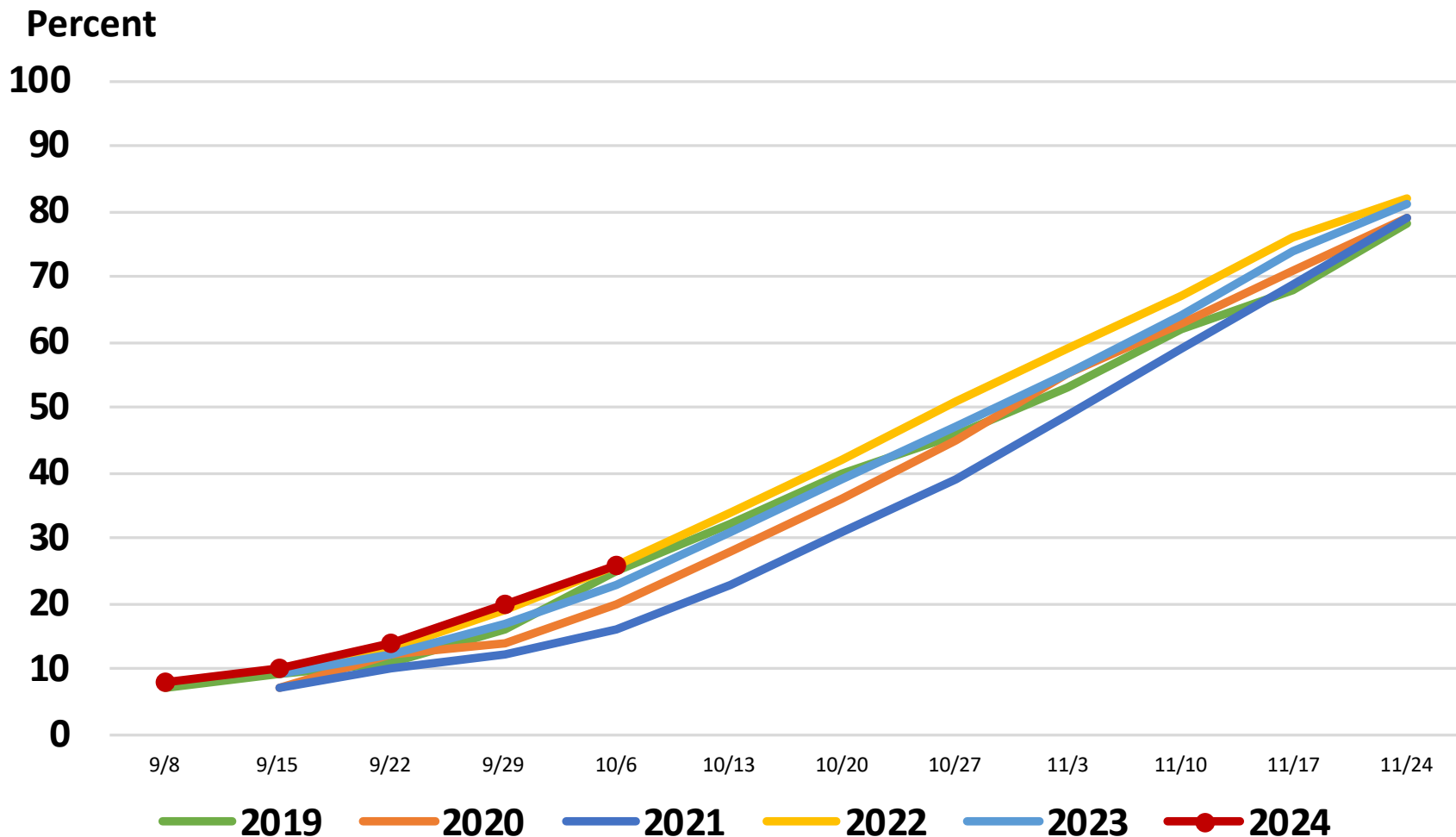
Industry Expectations vs NASS





United States Cotton Progress

Percent Harvested





October 2024 Cotton

Acreage, Yield, and Production

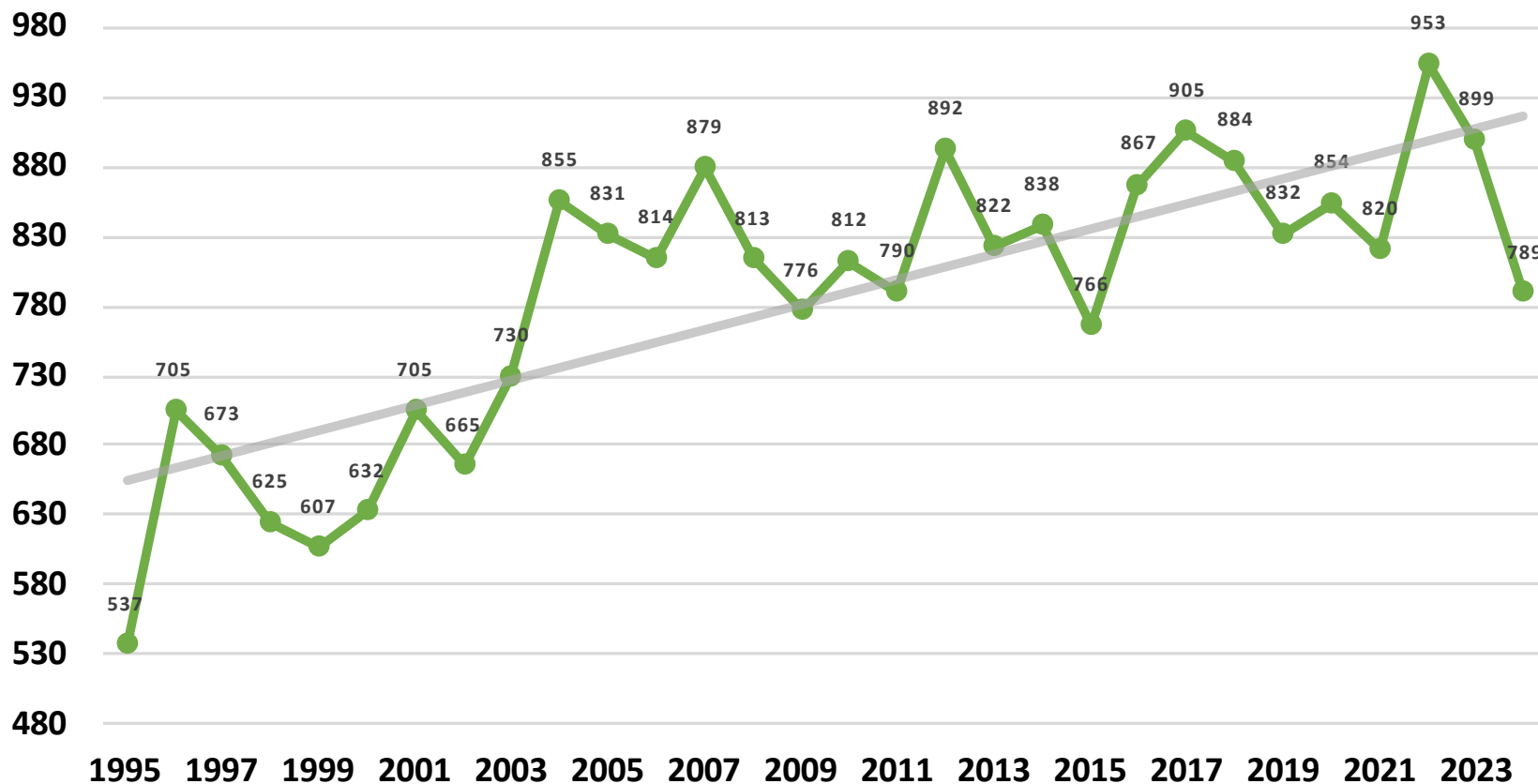
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
United States	11,174	8,635	789	14,201
% Change from Previous Estimate	NC	NC	↓ 2.2	↓ 2.1
% Change from Previous Season	↑ 9.2	↑ 34.1	↓ 12.2	↑ 17.7

Top 5 States - By Production											
	Planted		Harvested		Yield		Production				
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Pounds/Acre)	% Δ PY	(1,000 Bales)	% Δ PY			
Texas	5,983	↑ 7.2	3,679	↑ 73.3	580.0	↓ 6.1	4,445	↑ 62.6			
Georgia	1,100	↓ 0.9	1,090	↓ 0.9	727.0	↓ 23.4	1,650	↓ 24.1			
Arkansas	650	↑ 27.5	640	↑ 26.7	1,200.0	↓ 7.3	1,600	↑ 17.5			
Mississippi	520	↑ 30.0	515	↑ 30.4	1,118.0	↑ 3.2	1,200	↑ 34.7			
Missouri	400	↑ 19.4	380	↑ 15.2	1,238.0	↓ 9.0	980	↑ 4.7			

Cotton Yield

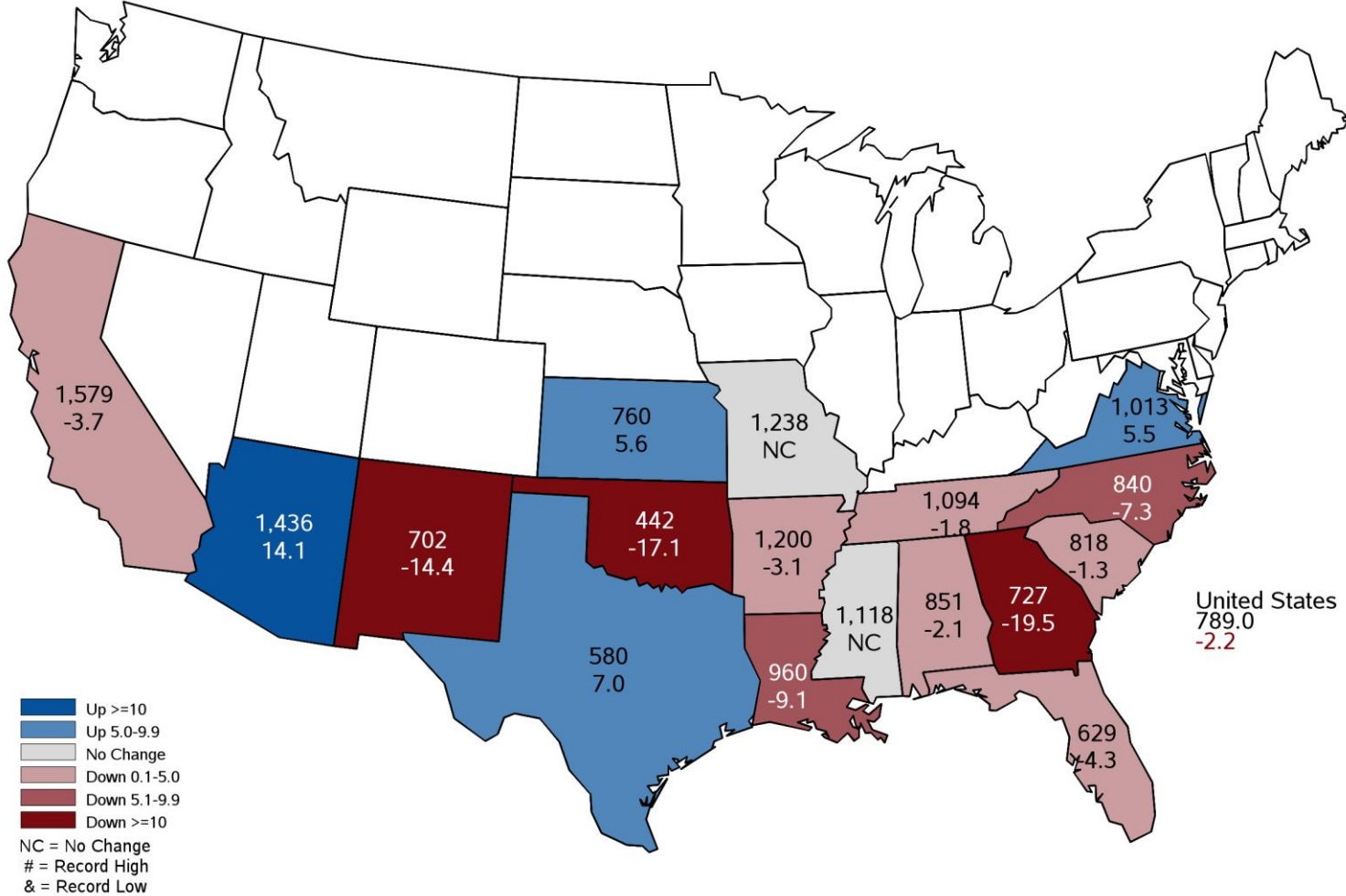
United States

Pounds per Acre



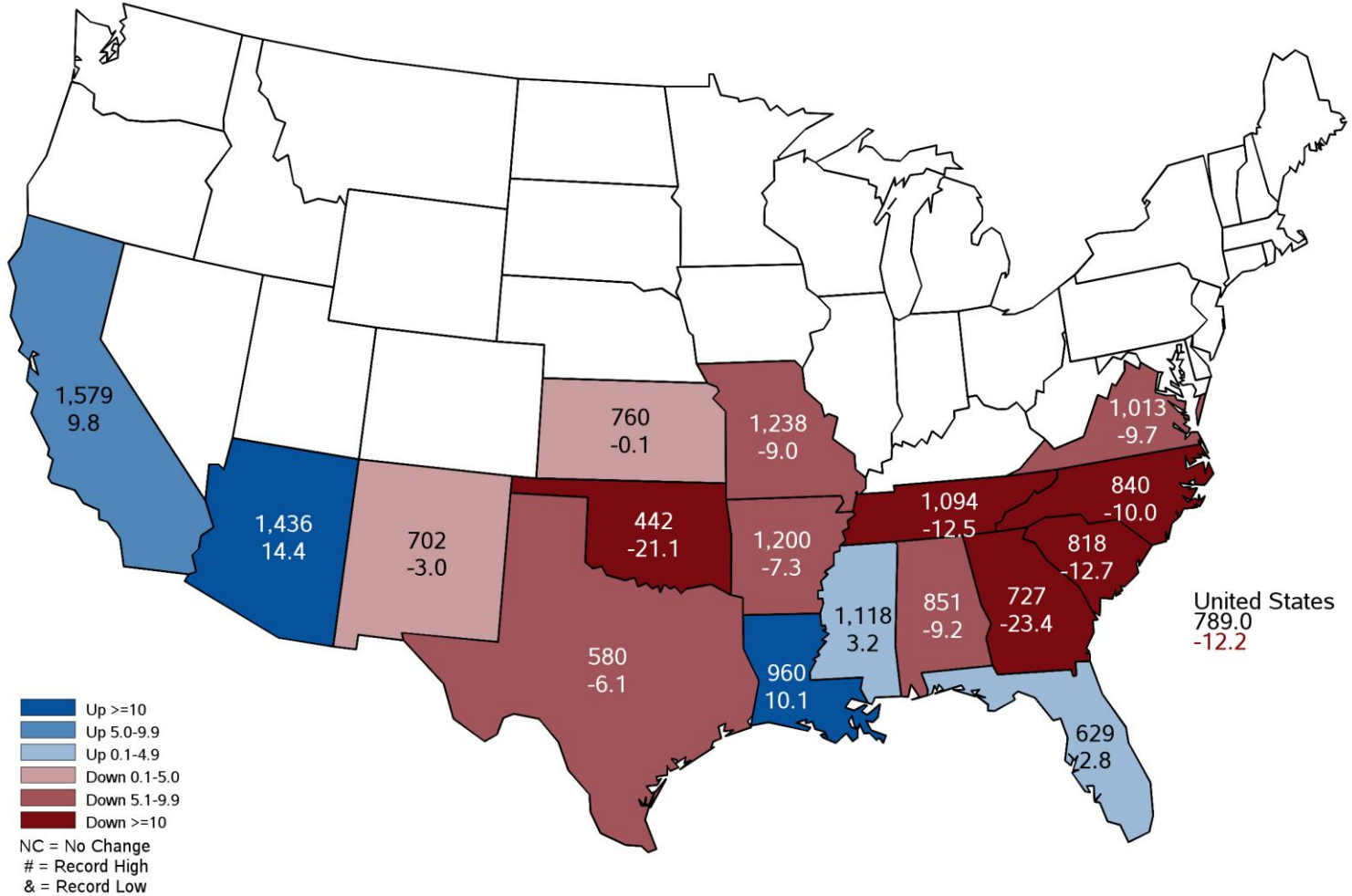
October 2024 Cotton Yield

Pounds and Percent Change from Previous Month



October 2024 Cotton Yield

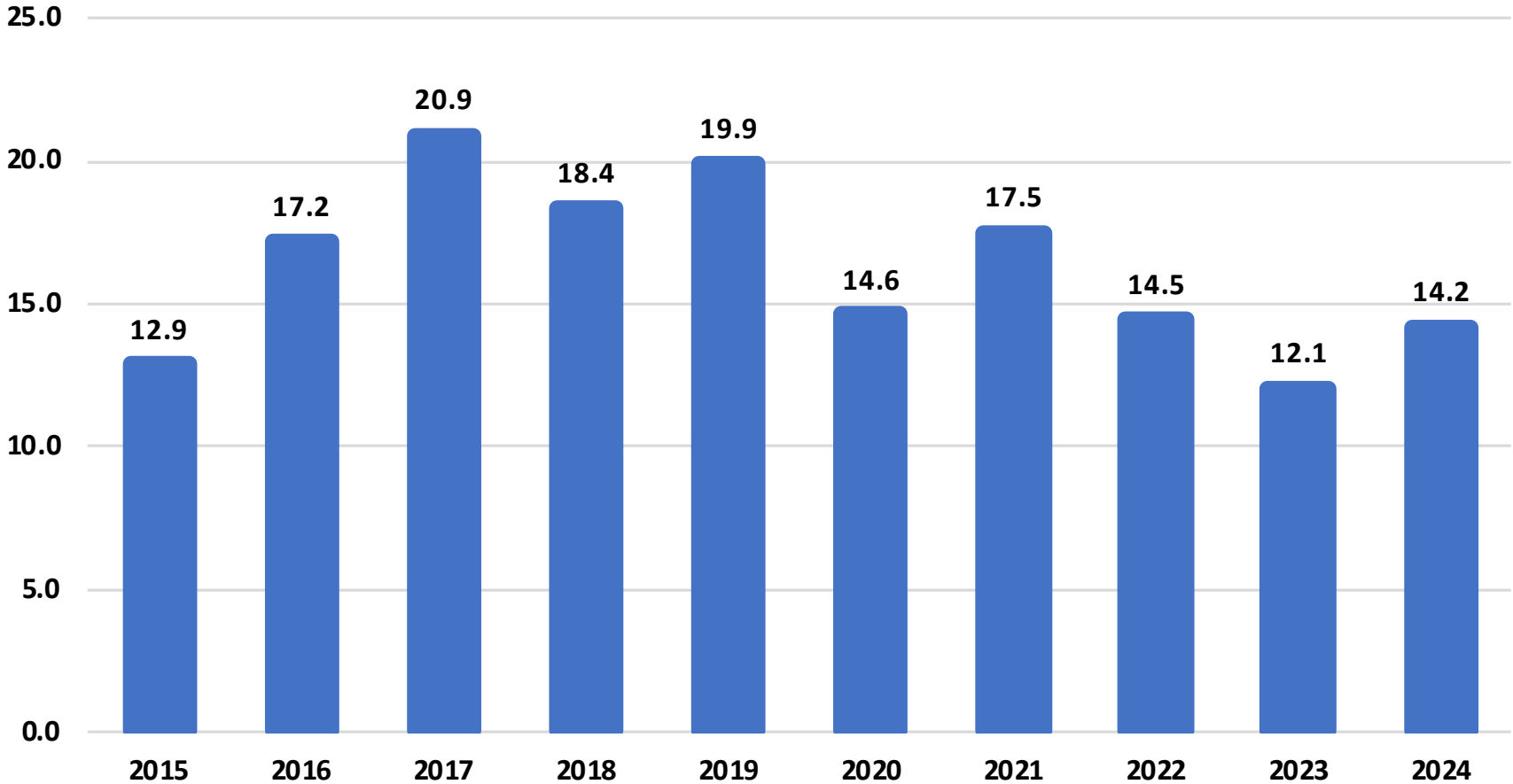
Pounds and Percent Change from Previous Year



Cotton Production

United States

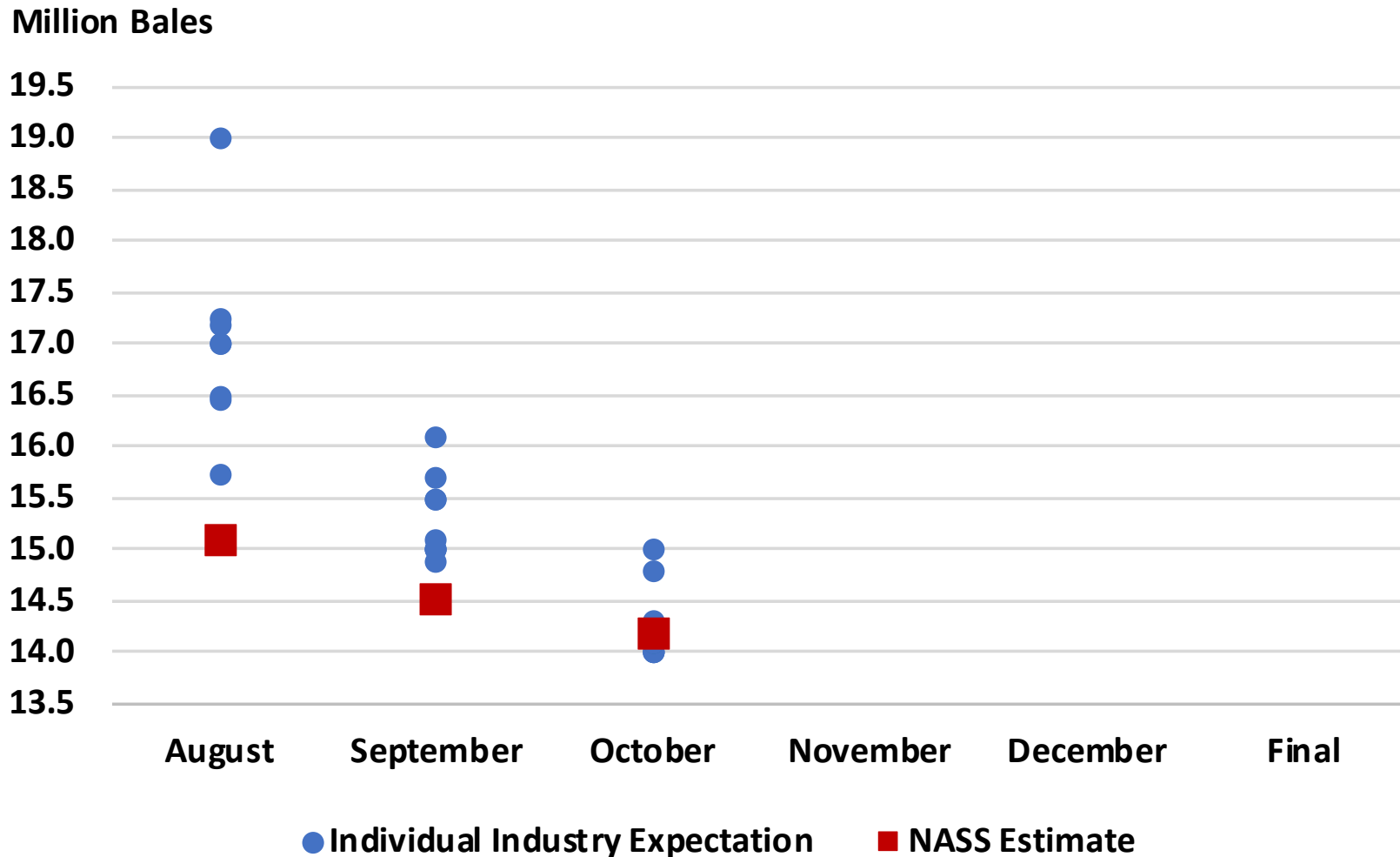
Million Bales





2024 U.S. Cotton Production

Industry Expectations vs NASS





October 2024 Field Crops Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Canola	2,760	2,720	1,811	Lb	4,925,840	Lb
% Change from Previous Estimate	↑ 3.6	↑ 4.0	N/A		N/A	
% Change from Previous Season	↑ 17.7	↑ 17.3	↑ 1.0		↑ 18.5	
Dry Edible Beans	1,532	1,489	1,978	Lb	29,448	Cwt
% Change from Previous Estimate	NC	NC	↓ 3.8		↓ 3.8	
% Change from Previous Season	↑ 29.8	↑ 28.7	↓ 4.3		↑ 23.2	
Alfalfa Hay	N/A	15,627	3.45	Ton	53,975	Ton
% Change from Previous Estimate	N/A	NC	↑ 3.0		↑ 3.1	
% Change from Previous Season	N/A	↓ <0.1	↑ 8.2		↑ 8.1	
Other Hay	N/A	35,904	2.03	Ton	72,871	Ton
% Change from Previous Estimate	N/A	NC	↓ 1.9		↓ 2.1	
% Change from Previous Season	N/A	↓ 3.5	↑ 9.7		↑ 5.8	
Peanuts	1,805	1,749	3,683	Lb	6,441,400	Lb
% Change from Previous Estimate	NC	NC	↓ 4.0		↓ 4.0	
% Change from Previous Season	↑ 9.7	↑ 12.3	↓ 2.4		↑ 9.6	



October 2024 Field Crops

Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Rice	2,940	2,896	7,590	Lb	219,812	Cwt
% Change from Previous Estimate	NC	NC	↑ <0.1		↑ <0.1	
% Change from Previous Season	↑ 1.6	↑ 1.5	↓ 0.8		↑ 0.7	
Sorghum	6,300	5,275	57.7	Bu	304,610	Bu
% Change from Previous Estimate	NC	NC	↑ 0.7		↑ 0.9	
% Change from Previous Season	↓ 12.4	↓ 13.7	↑ 11.0		↓ 4.1	
Sugarbeets	1,101	1,075	33.1	Ton	35,573	Ton
% Change from Previous Estimate	NC	NC	↑ 0.6		↑ 0.5	
% Change from Previous Season	↓ 3.2	↓ 4.6	↑ 6.1		↑ 1.0	
Sugarcane	N/A	924	38.3	Ton	35,368	Ton
% Change from Previous Estimate	N/A	NC	↑ 0.3		↑ 0.1	
% Change from Previous Season	N/A	↓ 0.6	↑ 5.5		↑ 4.7	
Sunflower	720	691	1,889	Lb	1,304,557	Lb
% Change from Previous Estimate	↓ 19.9	↓ 20.0	N/A		N/A	
% Change from Previous Season	↓ 45.2	↓ 45.4	↑ 5.7		↓ 42.2	



October 2024 Field Crops

Acres, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Tobacco	N/A	171	1,976	Lb	337,900	Lb
% Change from Previous Estimate	N/A	↓ 0.7	↓ 3.1		↓ 3.8	
% Change from Previous Season	N/A	↓ 8.9	↓ 14.3		↓ 21.9	

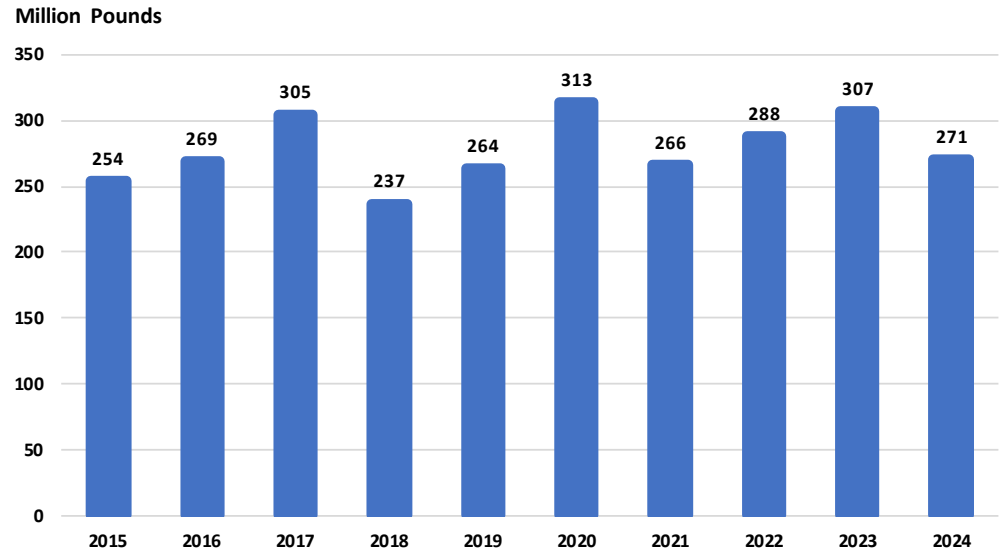


October 2024 Noncitrus Fruits and Nuts Production



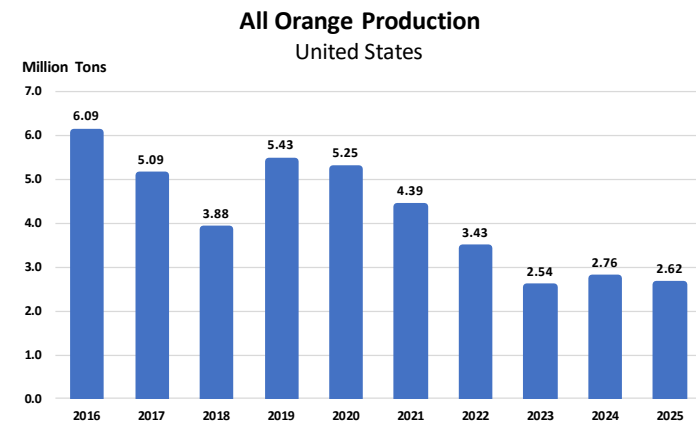
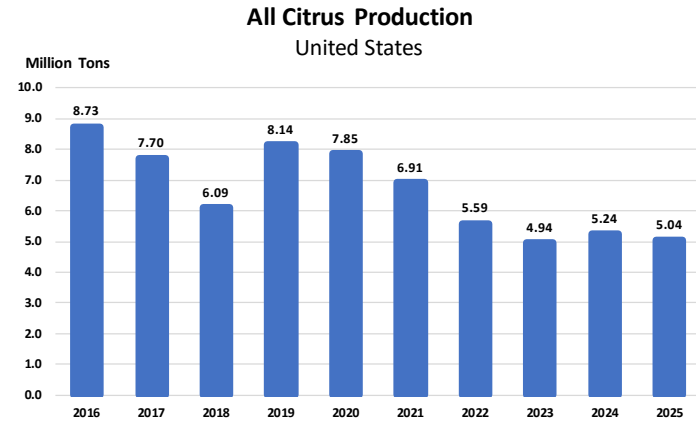
	Production (1,000 Units)	Unit
Pecans	270,900	Lb
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 11.7	

**Pecan Production
United States**



October 2024 Citrus Utilized Production

	Production (1,000 Tons)
All Oranges	2,619
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 5.0
Non-Valencia Oranges	1,847
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 0.8
Valencia Oranges	772
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 13.9
Grapefruit	304
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 11.6
Lemons	1,099
% Change from Previous Estimate	N/A
% Change from Previous Season	↑ 7.5
Tangerines	1,019
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 8.8





Selected Upcoming Reports



October 17	Census: Specialty Crops
October 23	Rice Stocks
October 31	Census: Irrigation and Water Management Agricultural Prices
November 1	Cotton System Fats & Oils Flour Milling Grain Crashings
November 8	Cotton Ginnings Crop Production

<https://www.nass.usda.gov/Publications/index.php>



USDA Fall Data Users' Meeting

October 15 & 16, 2024

Starting at 12:00pm ET

For more information and to register please go to

www.nass.usda.gov/go/data_users

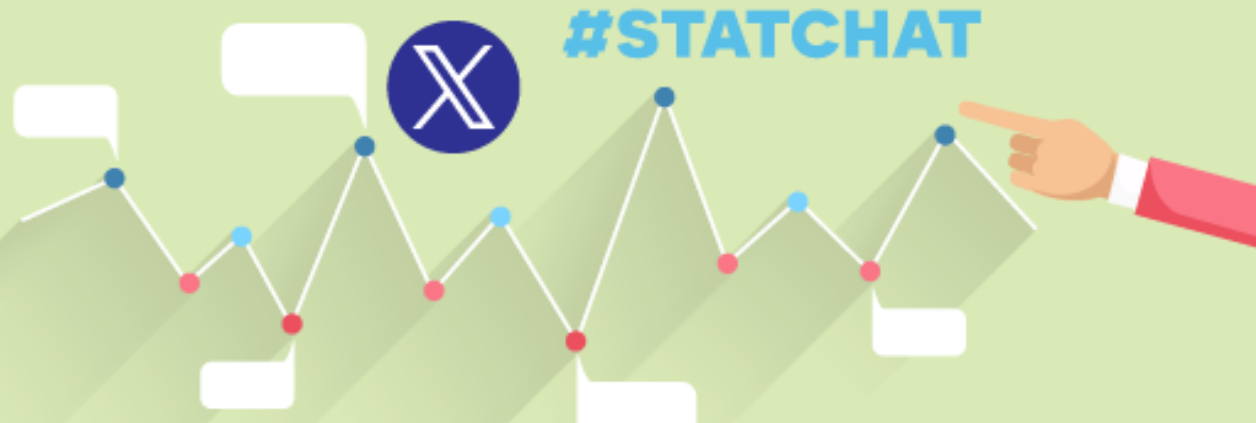


STAT CHAT SERIES

FRI, OCT. 11
1PM ET



Join @usda_nass on X to discuss the *Crop Production* report with NASS Agricultural Statistics Board Chair, Lance Honig. Post questions ahead of time using #StatChat.





All Reports Available At

www.nass.usda.gov

For Questions

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