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# October Crop Production

## Agricultural Statistics Board Briefing

**Patrick Boyle, Chief  
Crops Branch**

October 11, 2024

# Special Note

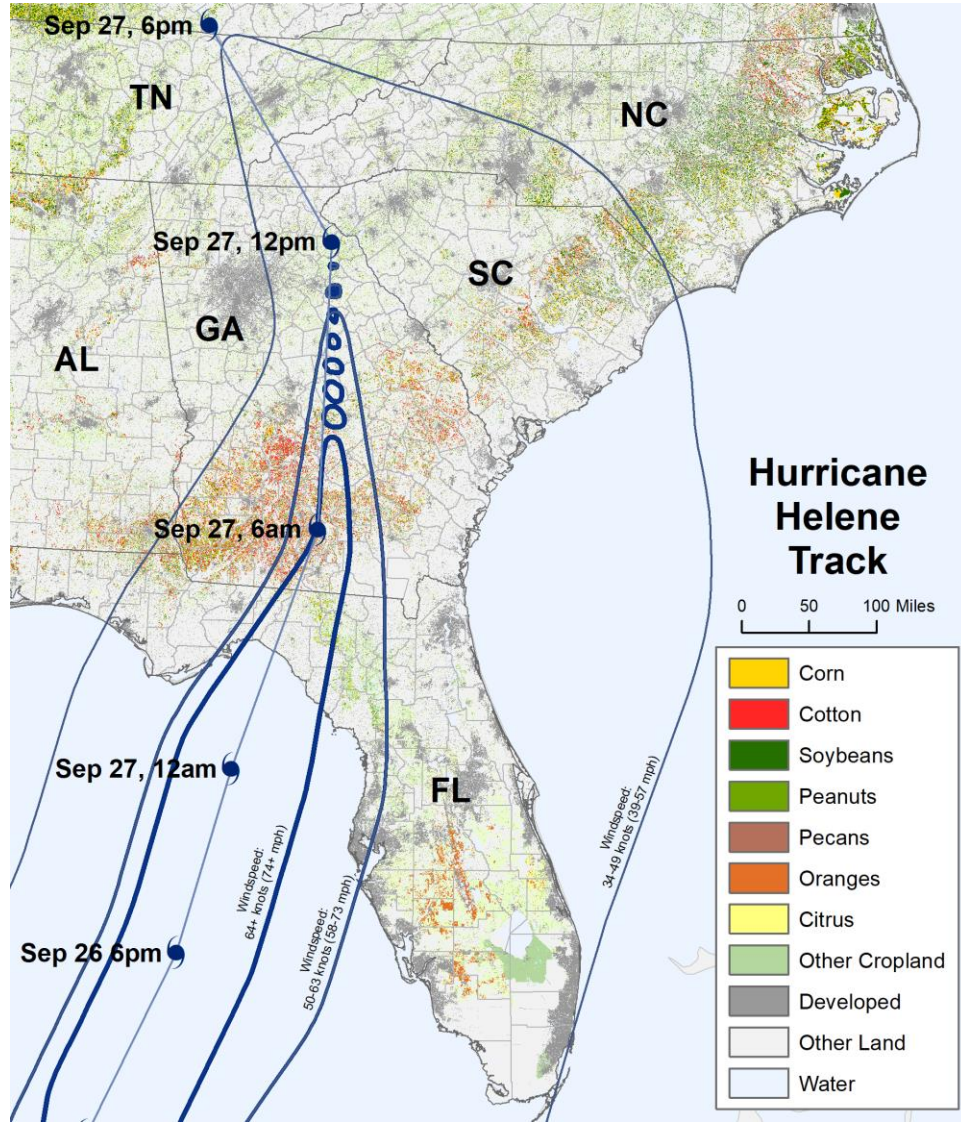
Hurricane Helene made landfall in Florida on September 26, 2024 as a Category 4 hurricane. After passing through parts of Alabama, Georgia, and the Carolinas, it degenerated to a post-tropical cyclone on September 27, over Tennessee.

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





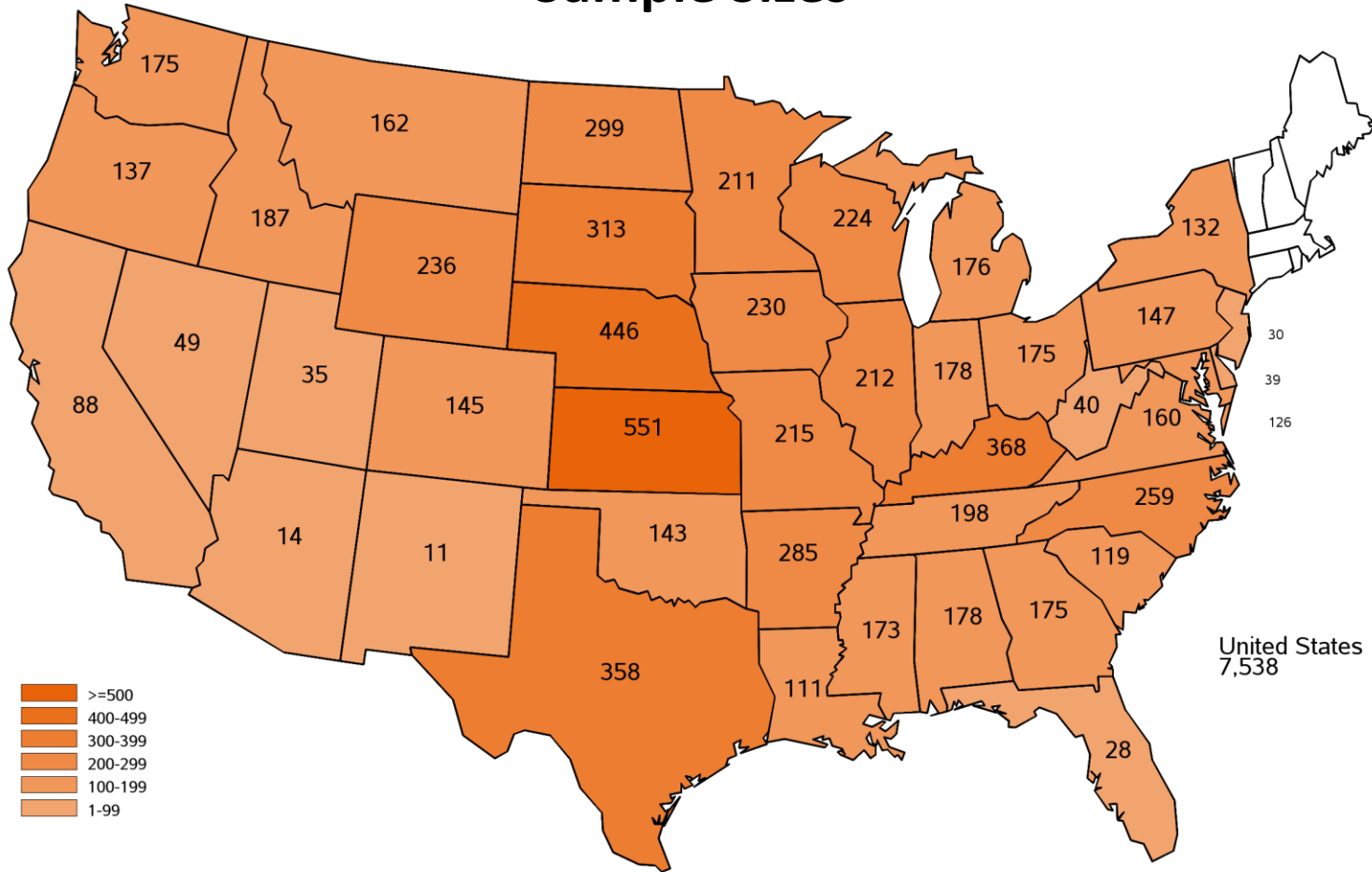
# Data Sources



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

# October 2024 Ag Yield Survey

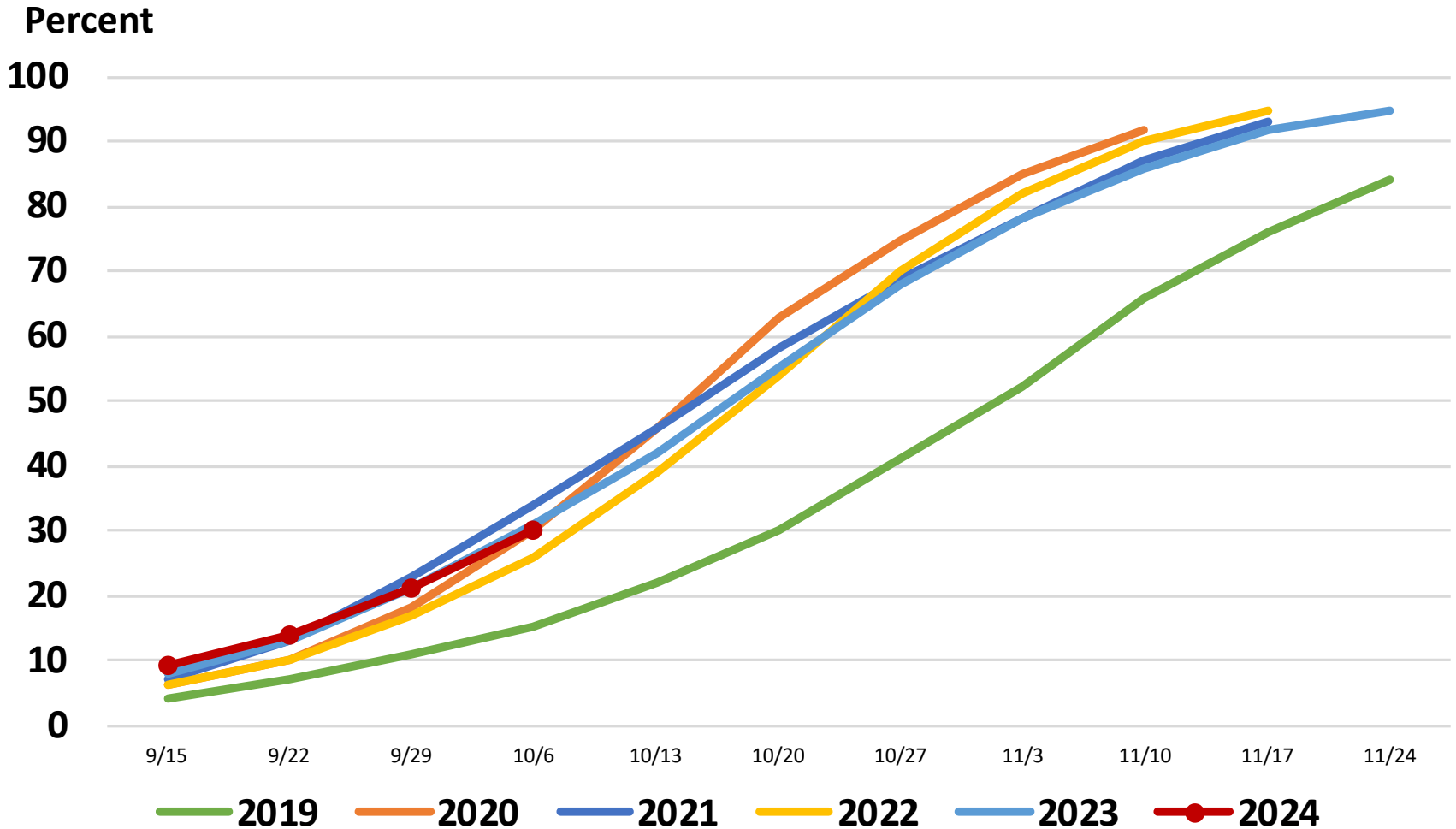
## Sample Sizes





# United States Corn Progress

## Percent Harvested





# October 2024 Corn Acreage, Yield, and Production

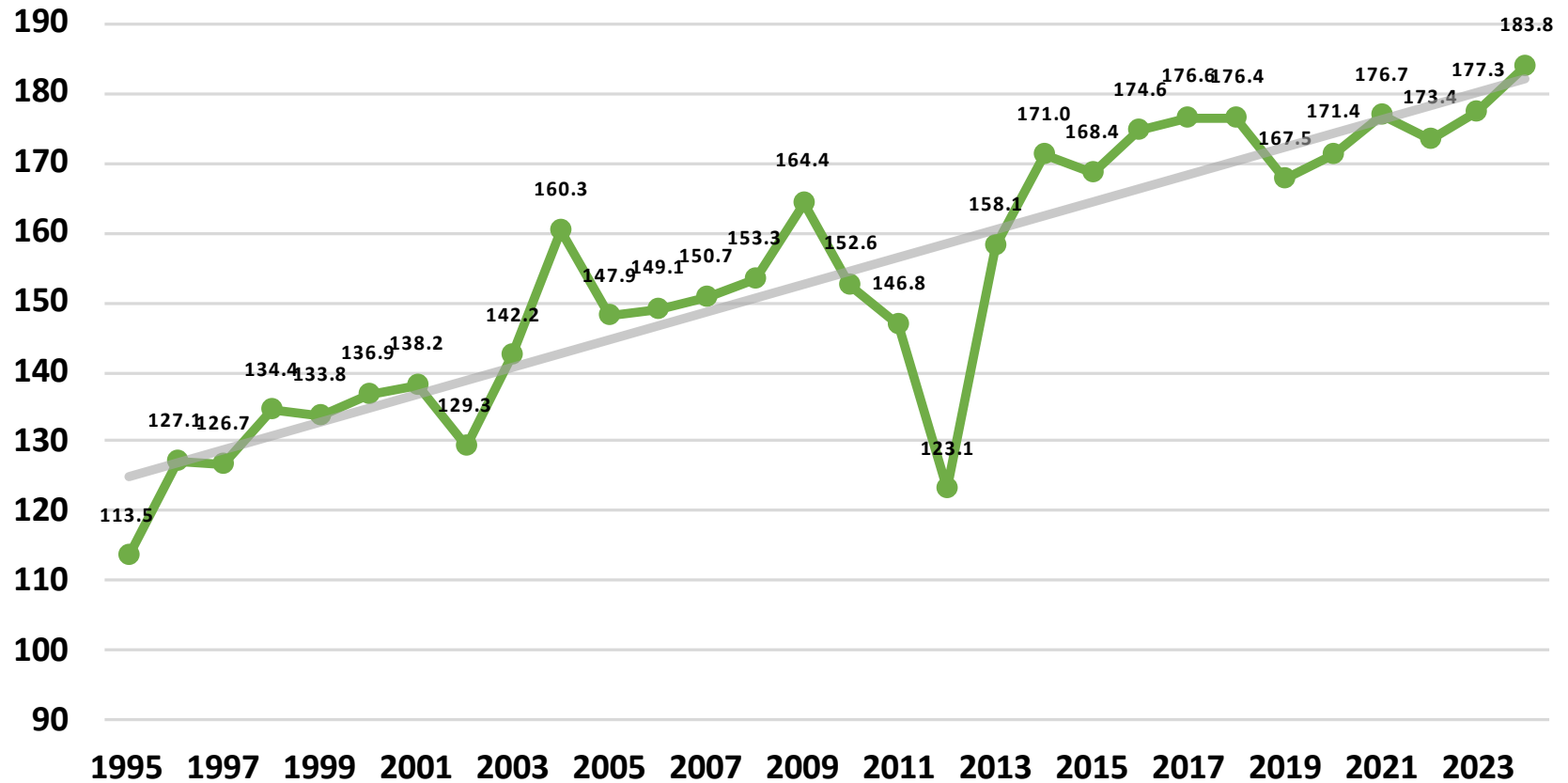
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
<b>United States</b>	<b>90,748</b>	<b>82,710</b>	<b>183.8</b>	<b>15,203,309</b>
% Change from Previous Estimate	NC	NC	↑ 0.1	↑ 0.1
% Change from Previous Season	↓ 4.1	↓ 4.4	↑ 3.7	↓ 0.9

	Top 5 States - By Production							
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
		% Δ PY		% Δ PY		% Δ PY		% 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

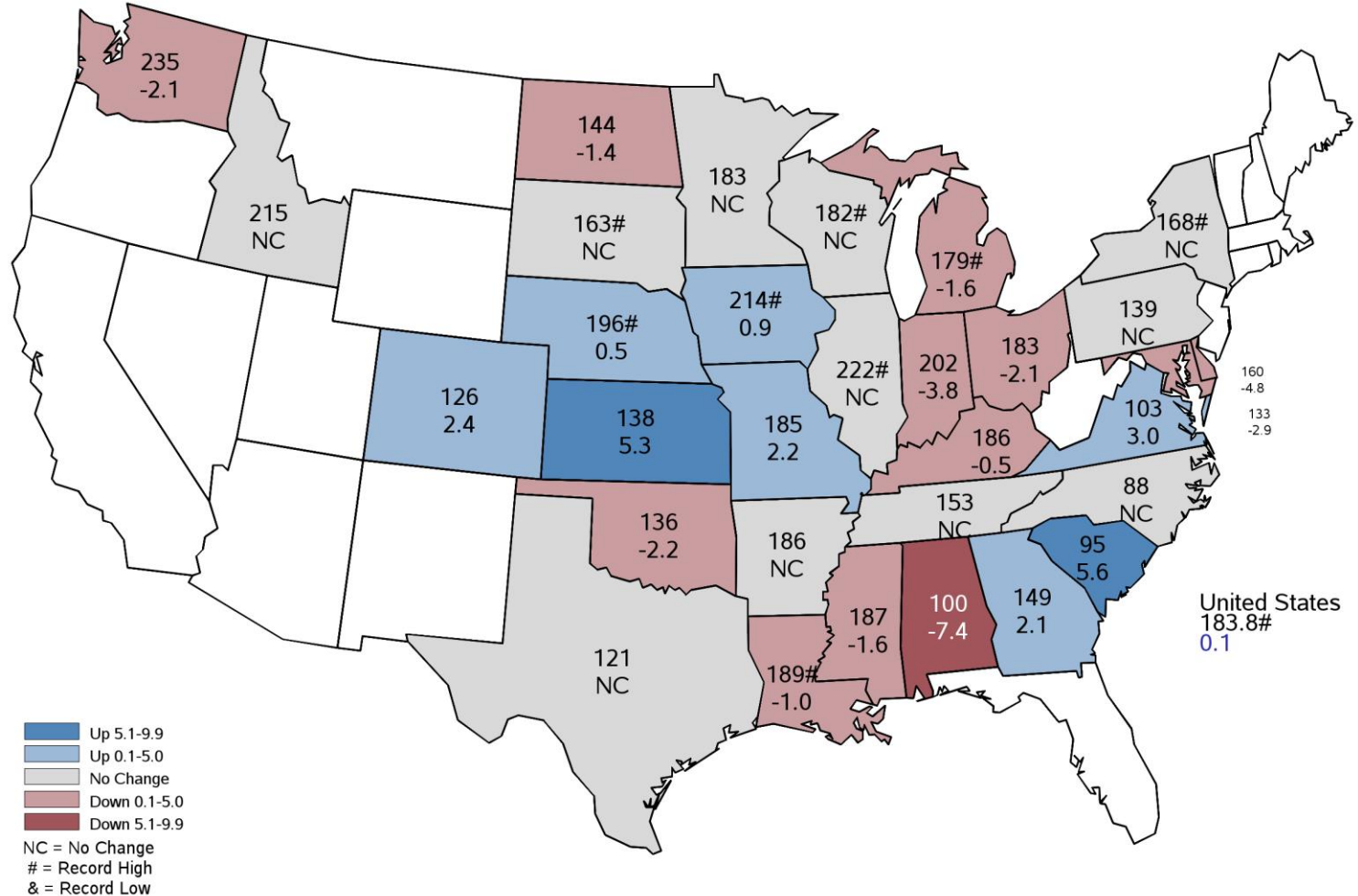
Bushels per Acre





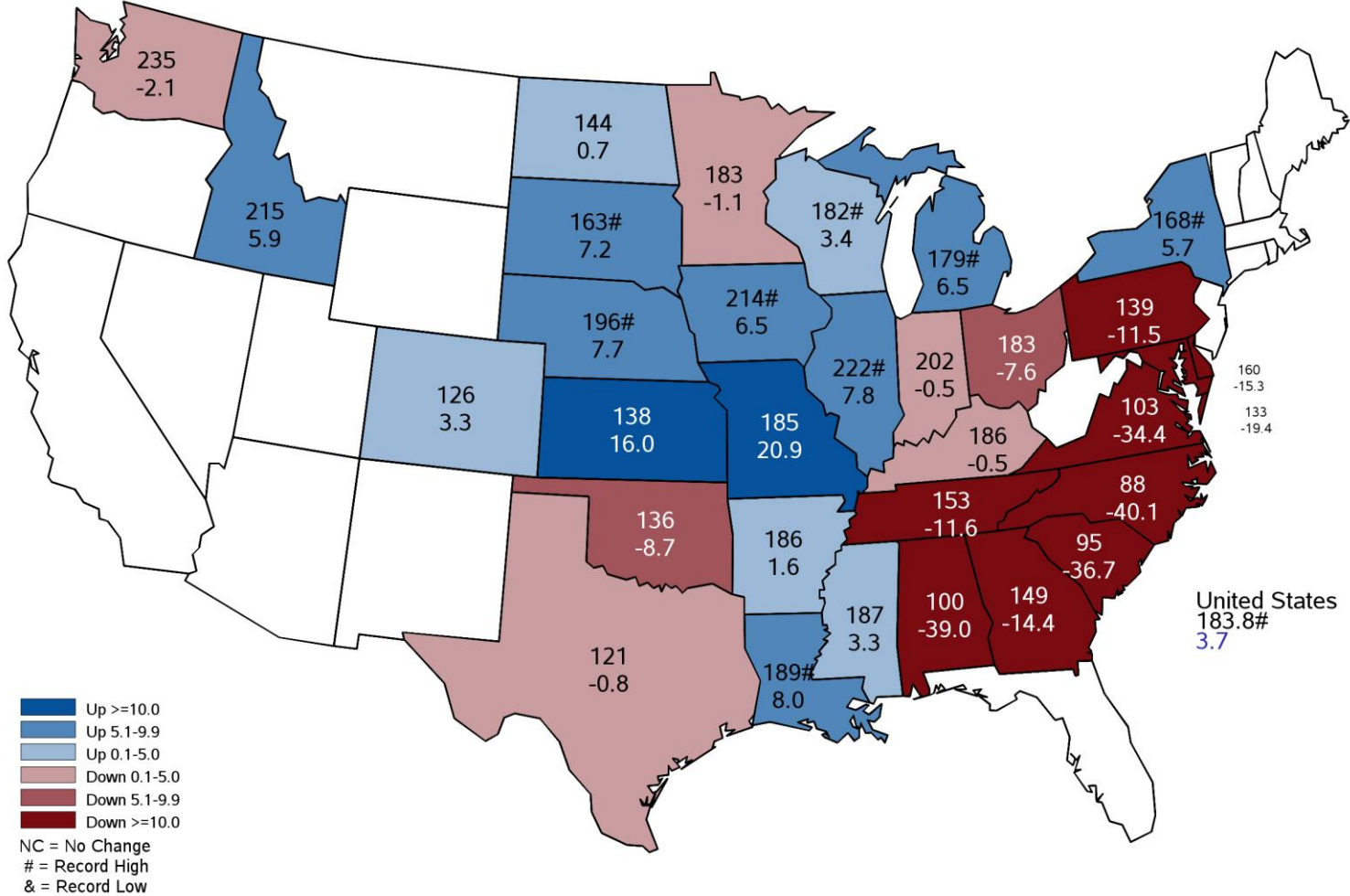
# October 2024 Corn Yield

## Bushels and Percent Change from Previous Month



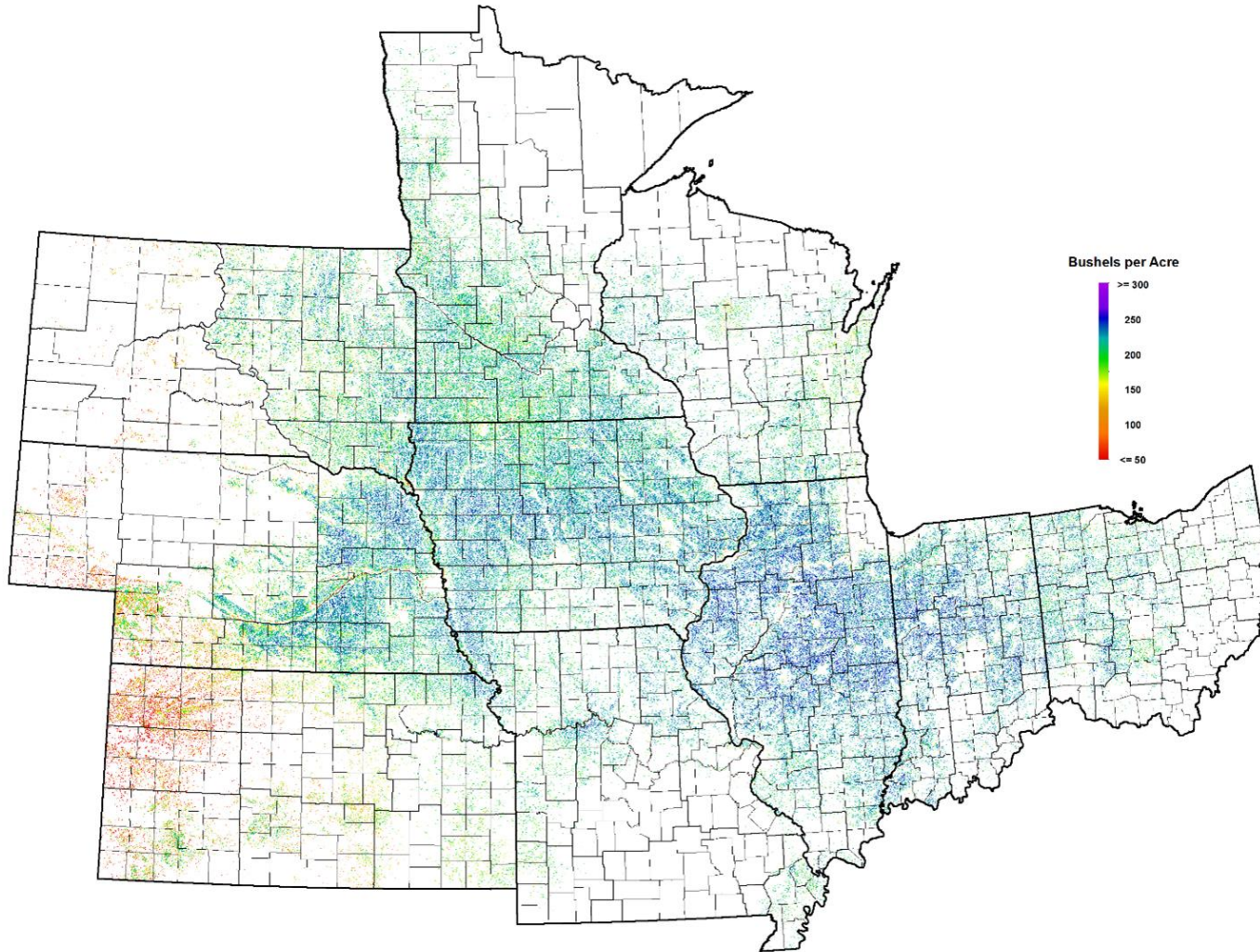
# October 2024 Corn Yield

## Bushels and Percent Change from Previous Year



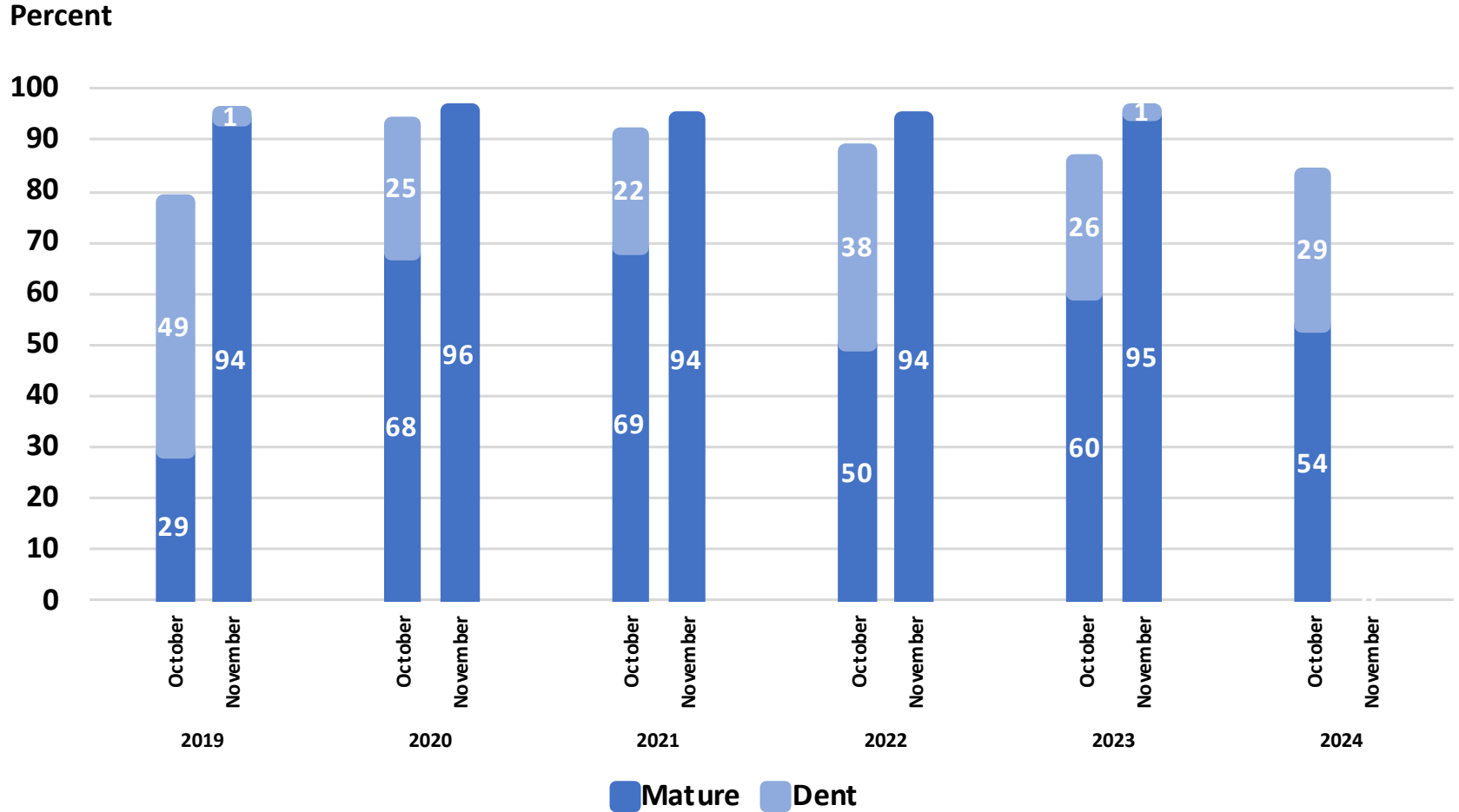
# October 2024 Corn

## NASA Terra MODIS Modeled Yield



# October 2024 Corn Objective Yield

## Percent of Samples Processed in the Lab



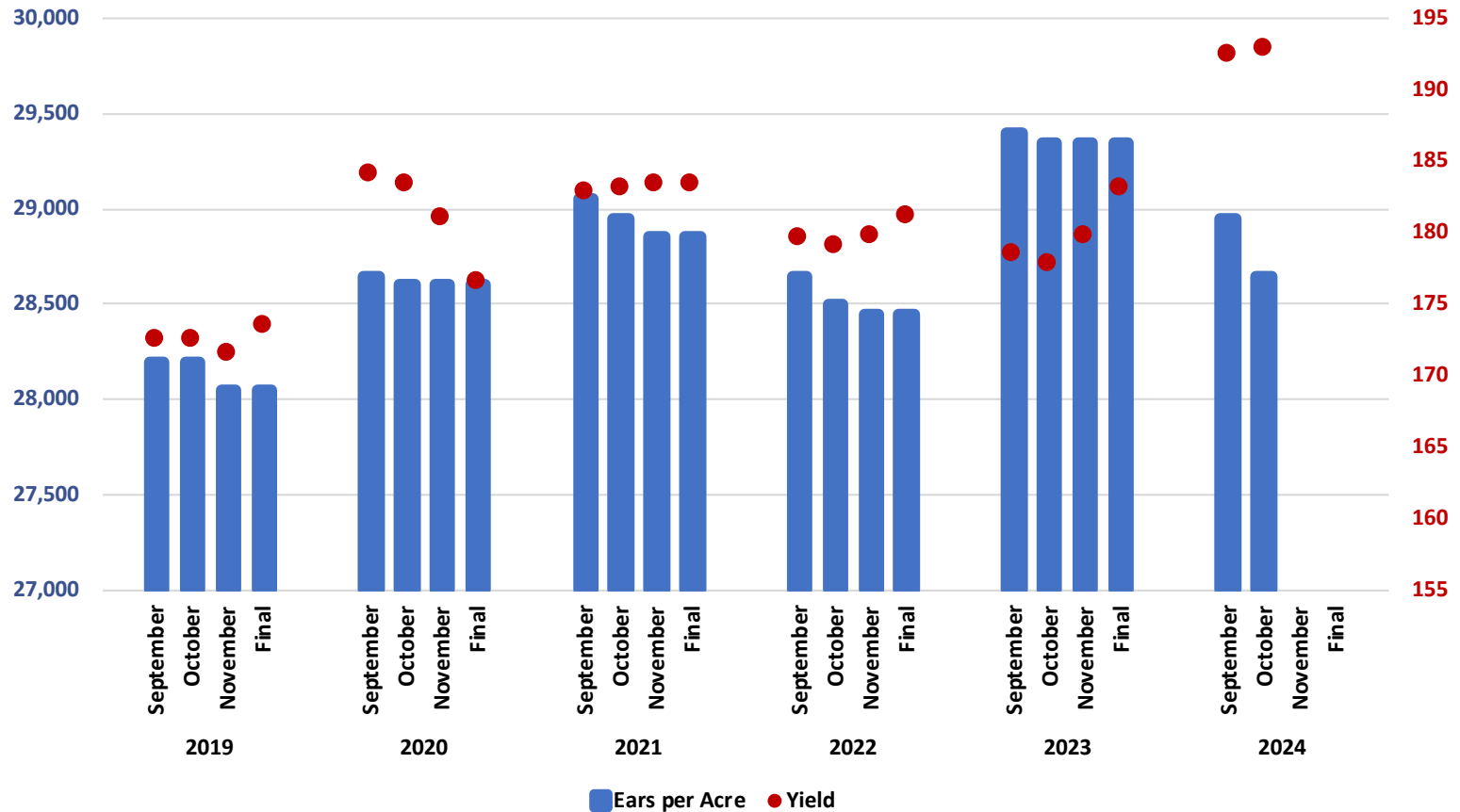


# October 2024 Corn Objective Yield

## Ears per Acre and Yield for 10 State Region

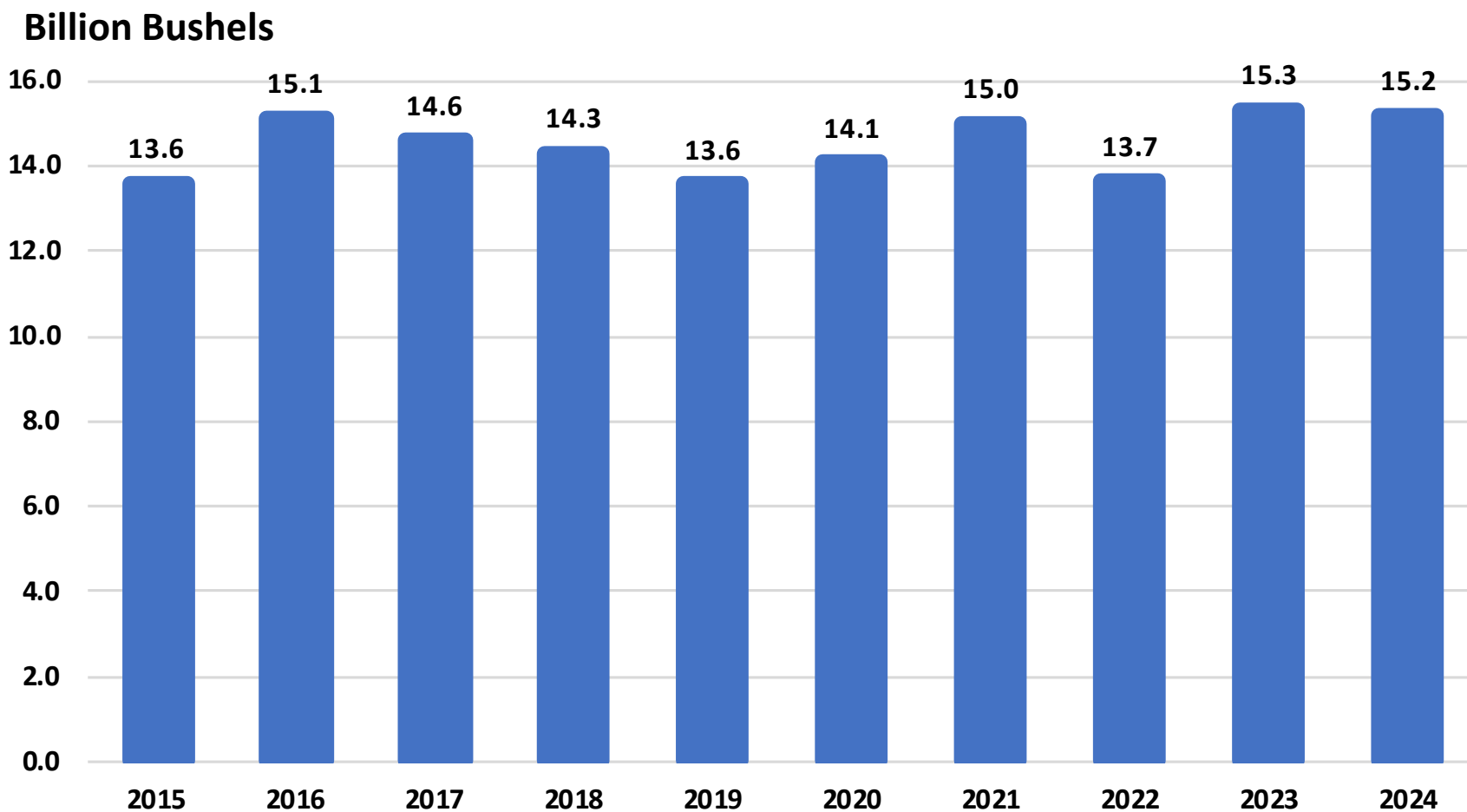
Ears per Acre

Bushels per Acre



# Corn Production

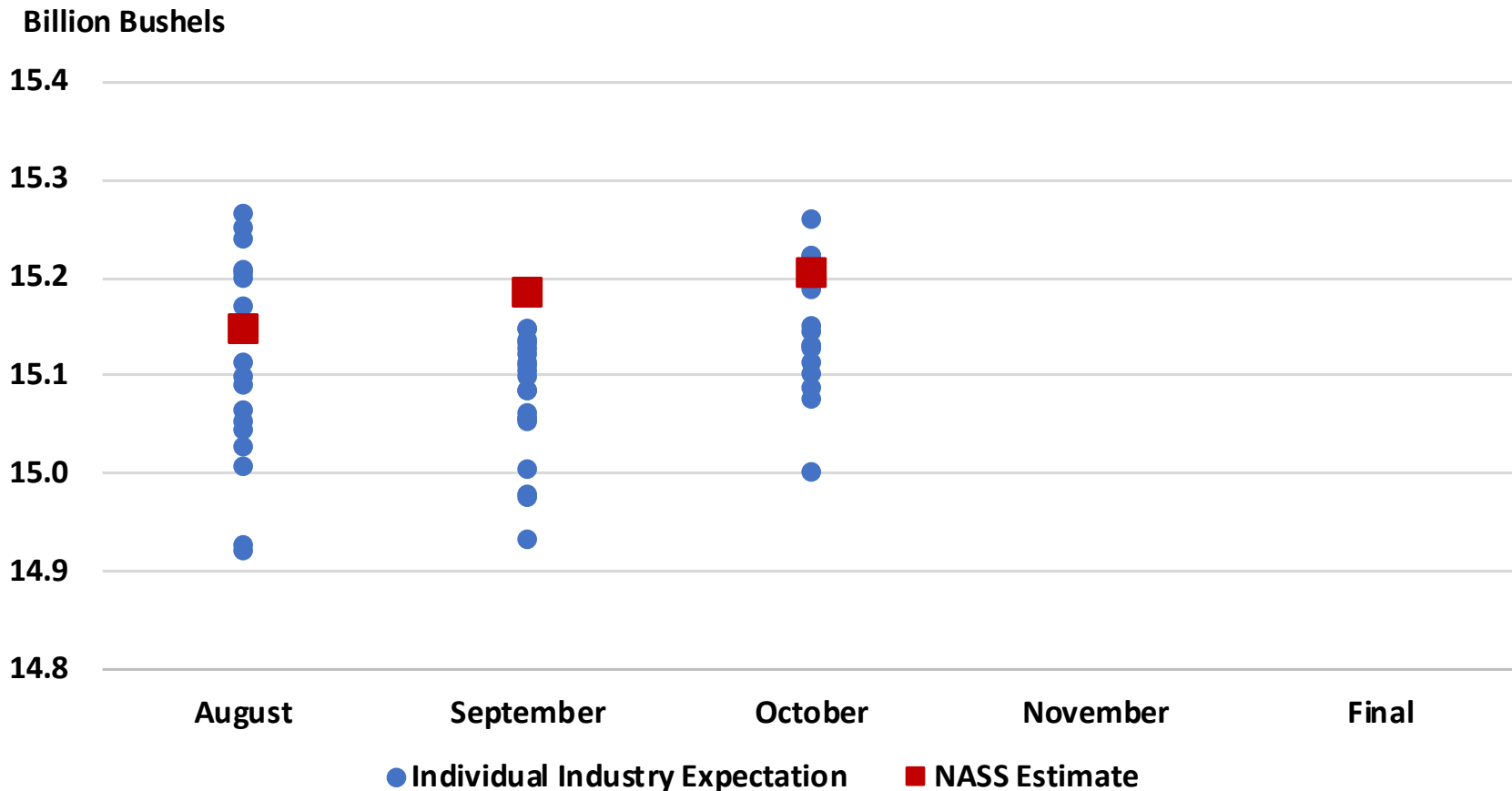
## United States





# 2024 U.S. Corn Production

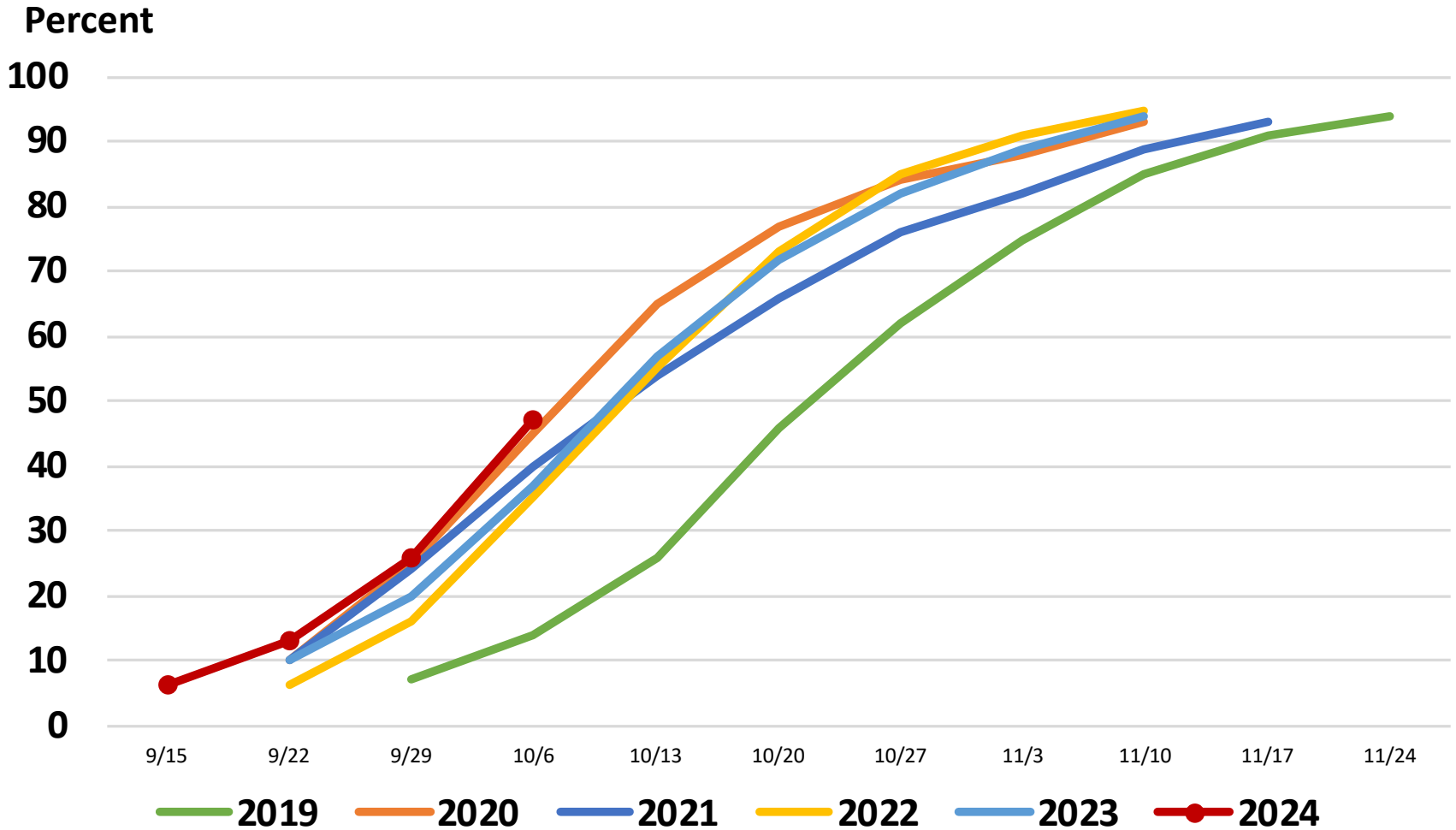
## Industry Expectations vs NASS





# United States Soybean Progress

## Percent Harvested







# October 2024 Soybeans

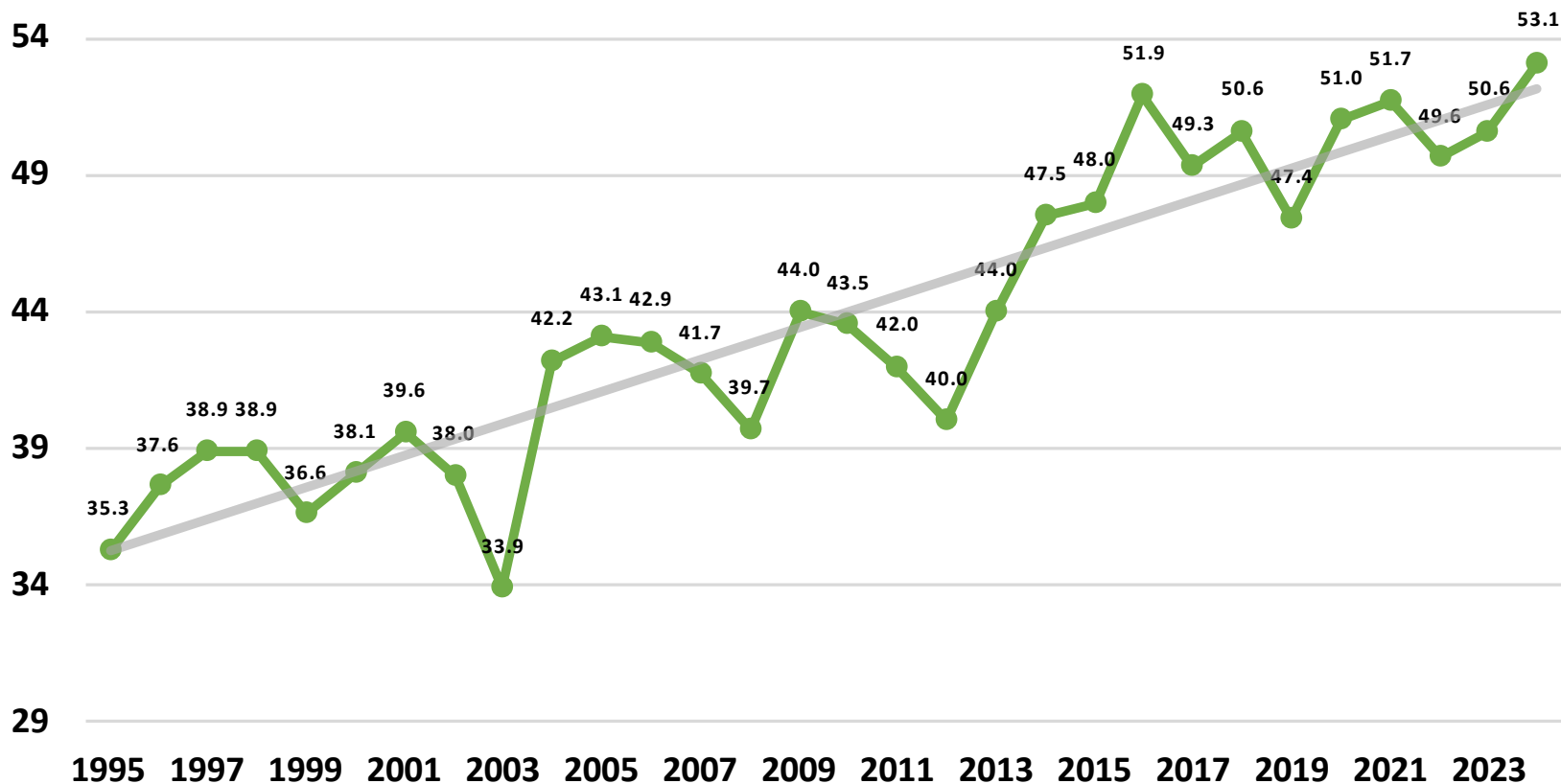
## Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
<b>United States</b>	<b>87,100</b>	<b>86,271</b>	<b>53.1</b>	<b>4,581,984</b>
% 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				
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				

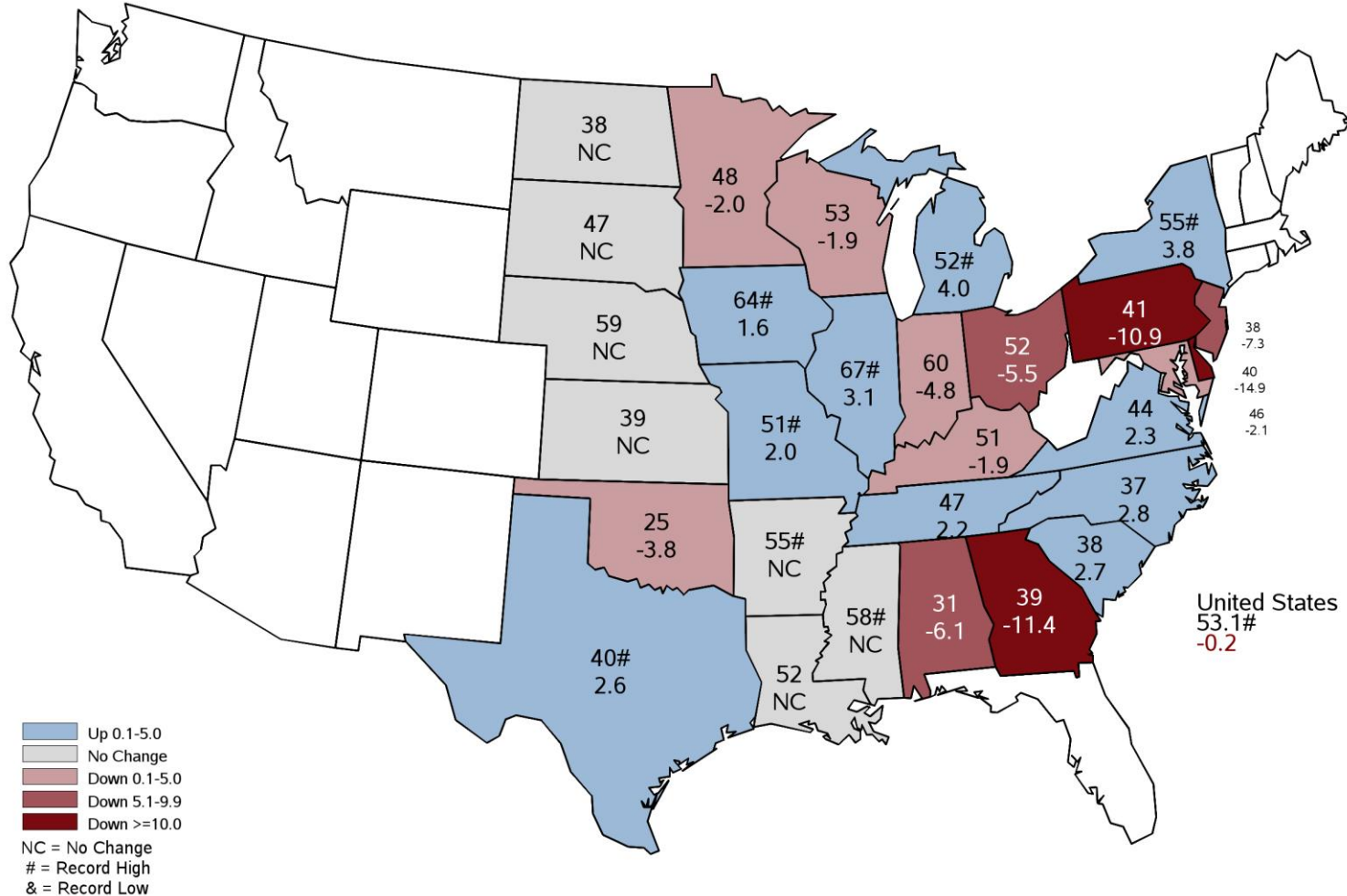
# Soybean Yield United States

Bushels per Acre



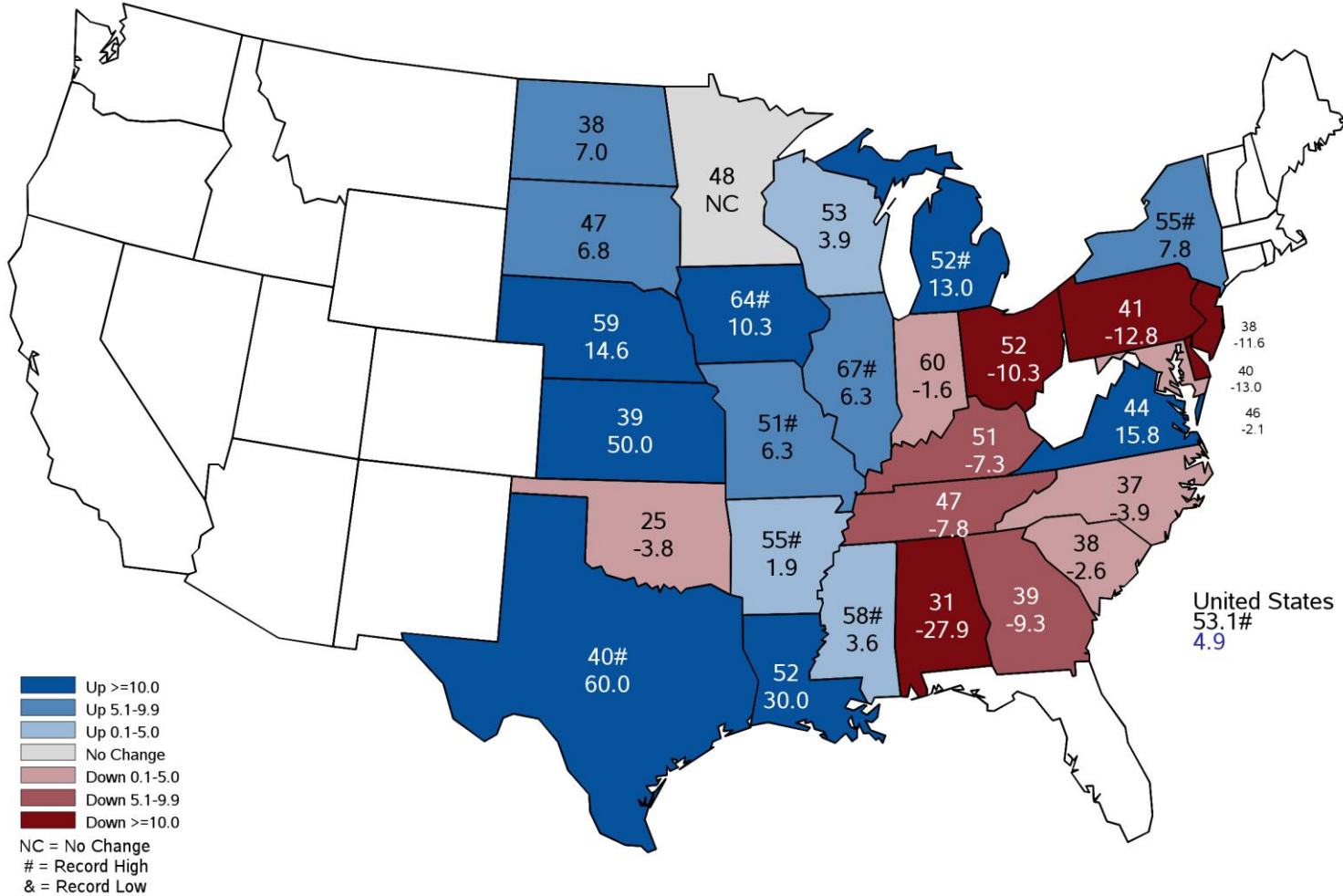
# October 2024 Soybean Yield

## Bushels and Percent Change from Previous Month



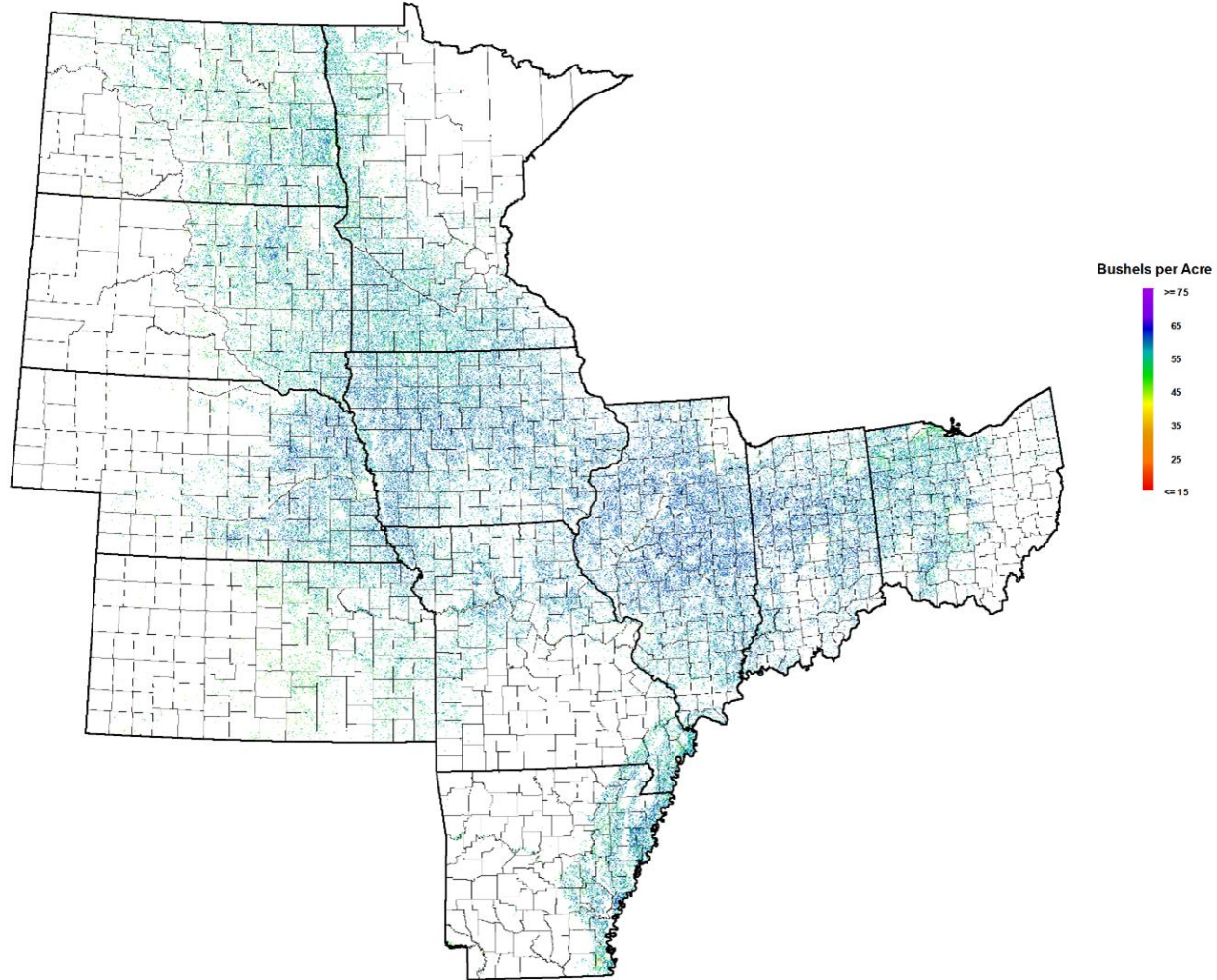
# October 2024 Soybean Yield

## Bushels and Percent Change from Previous Year



# October 2024 Soybeans

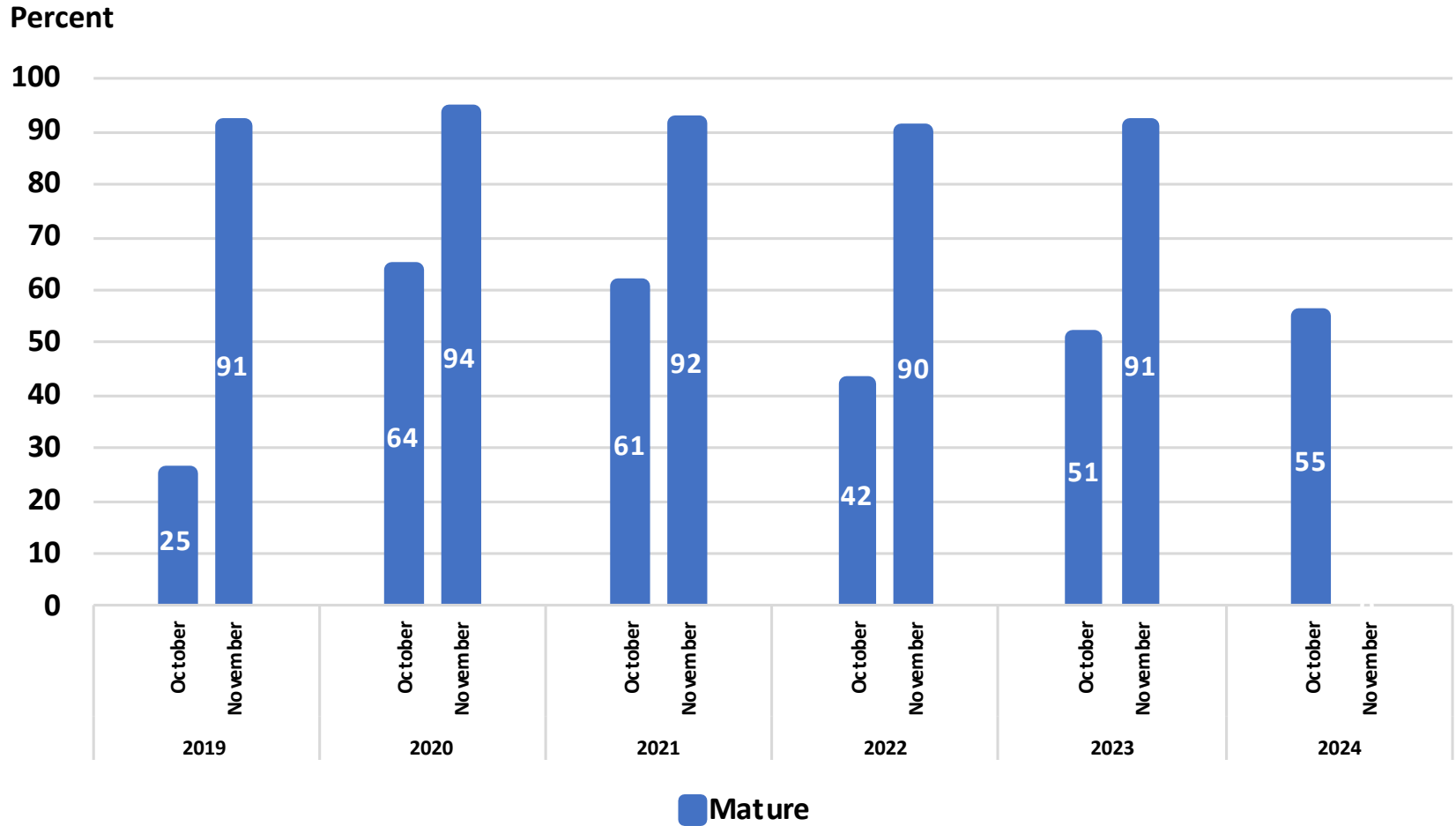
## NASA Terra MODIS Modeled Yield





# October 2024 Soybean Objective Yield

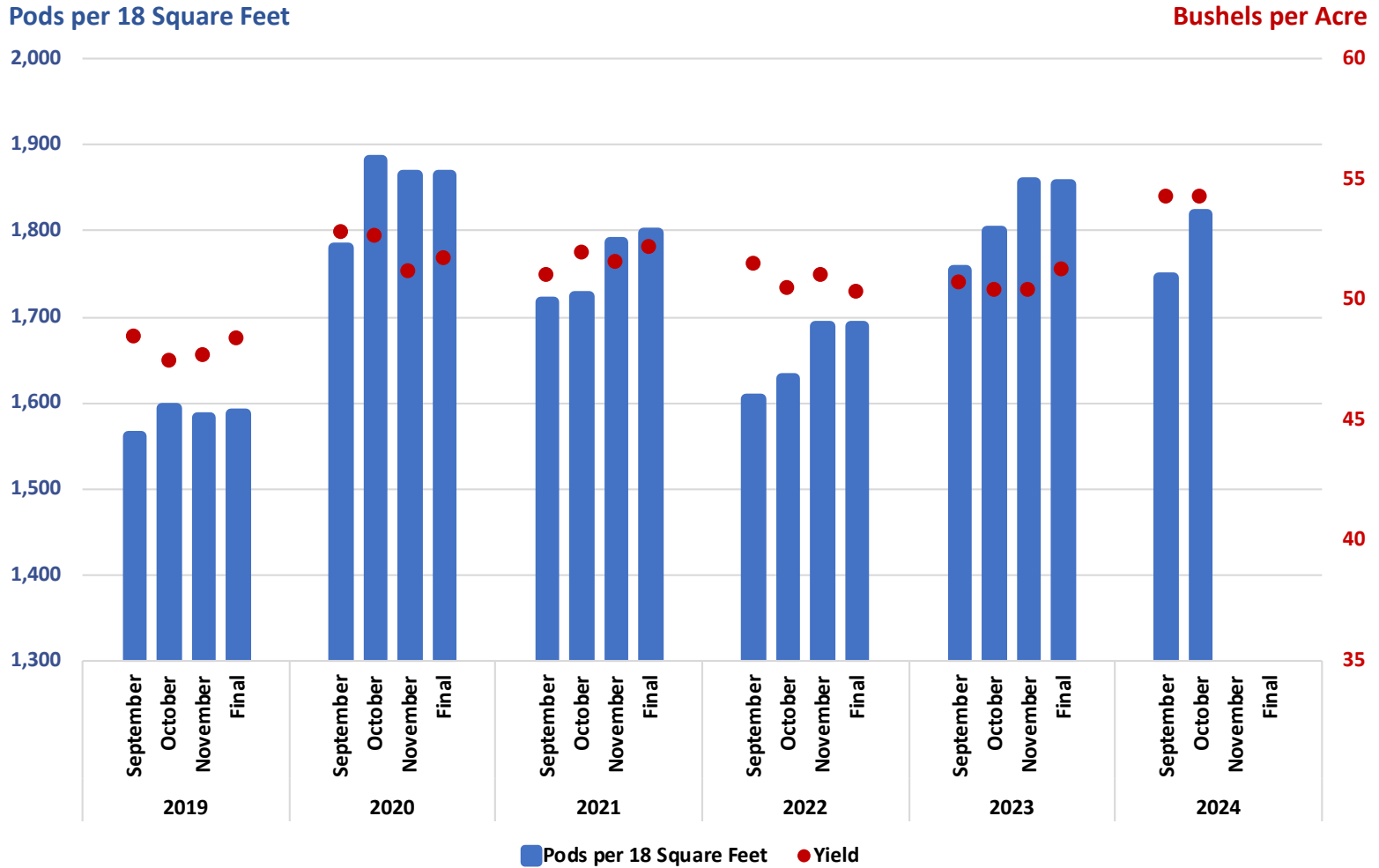
## Percent of Samples Processed in the Lab





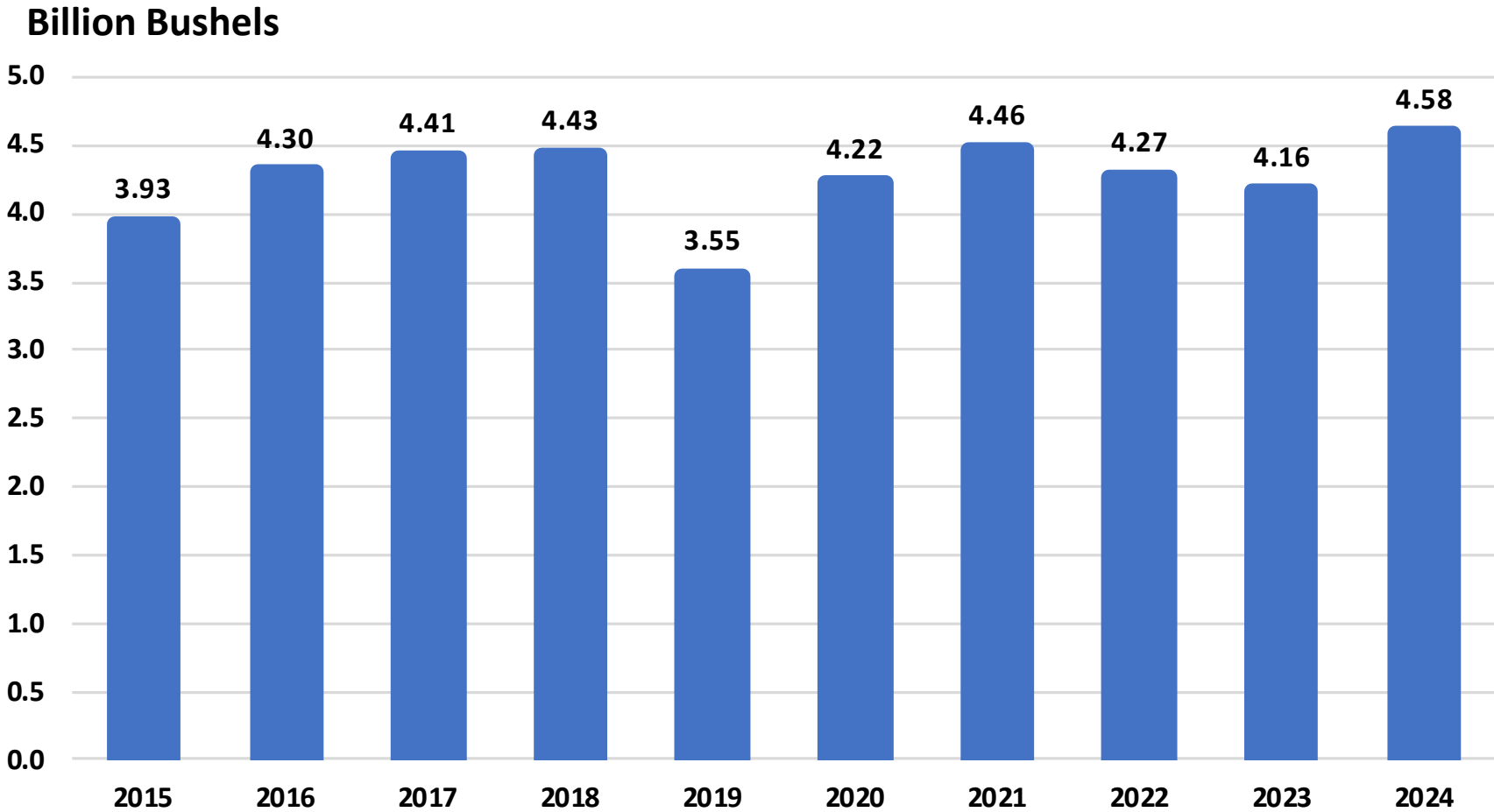
# October 2024 Soybean Objective Yield

## Pods per 18 Square Feet and Yield for 11 State Region



# Soybean Production

## United States

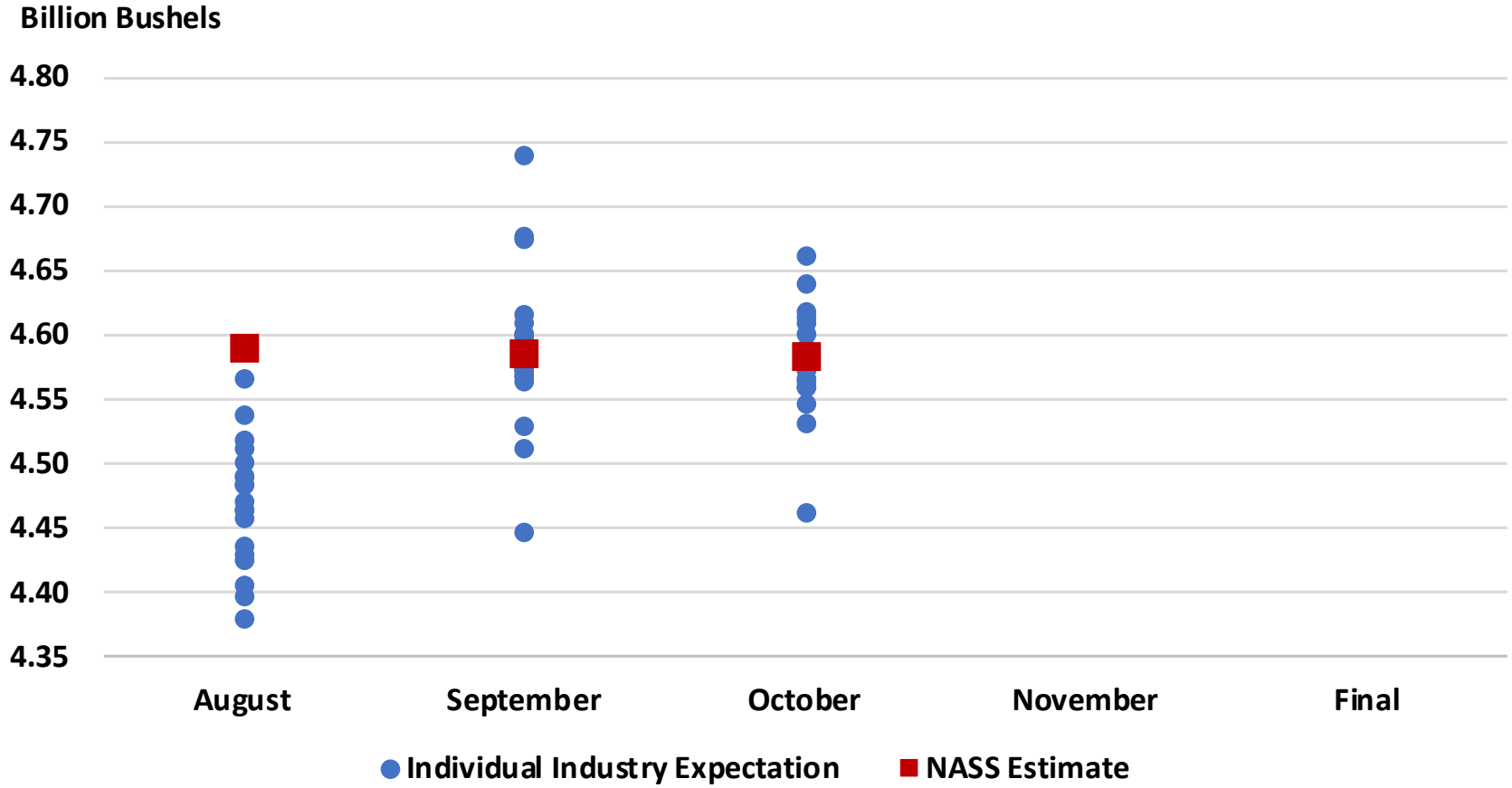






# 2024 U.S. Soybean Production

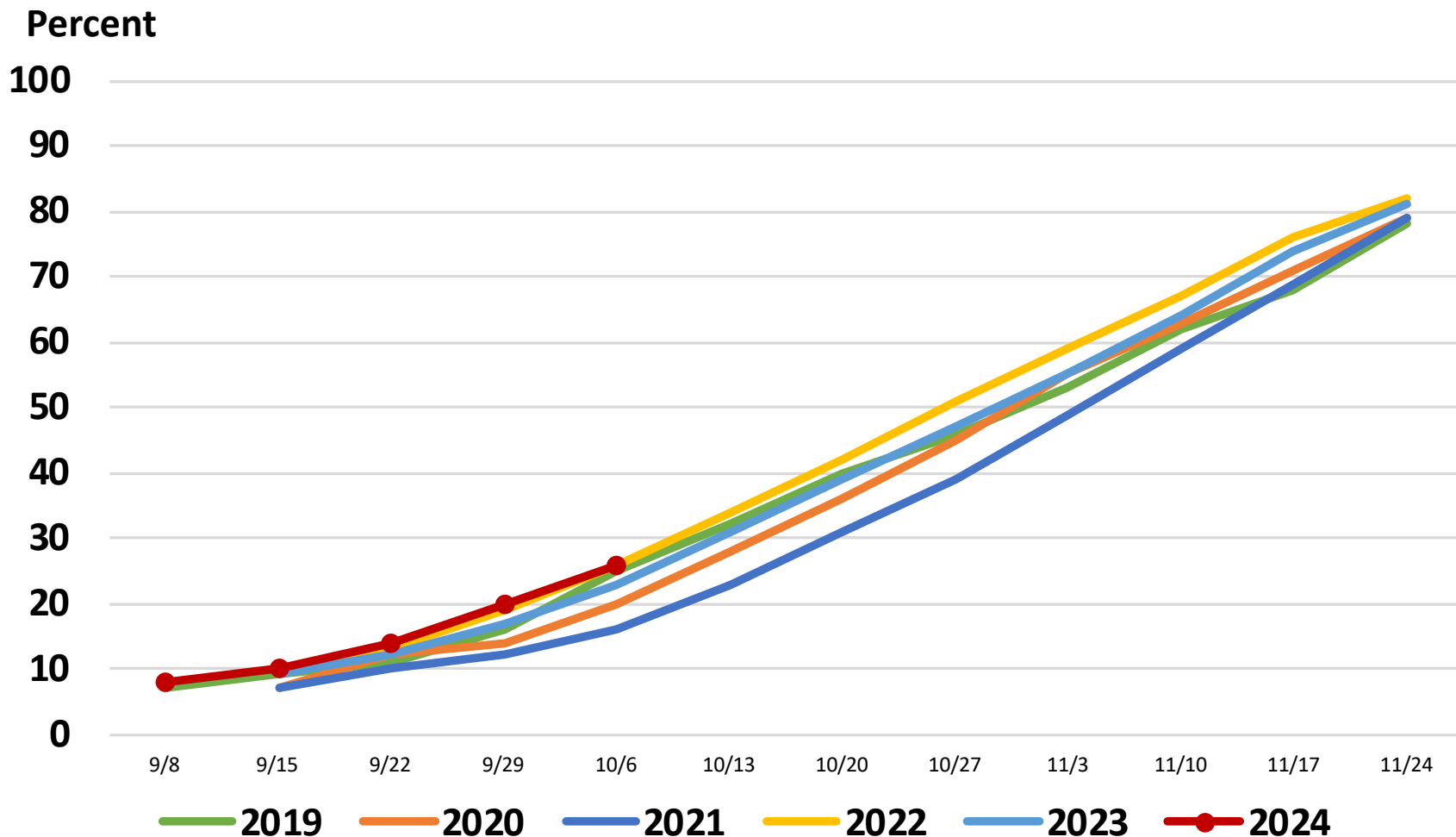
## Industry Expectations vs NASS





# United States Cotton Progress

## Percent Harvested





# October 2024 Cotton

## Acreage, Yield, and Production

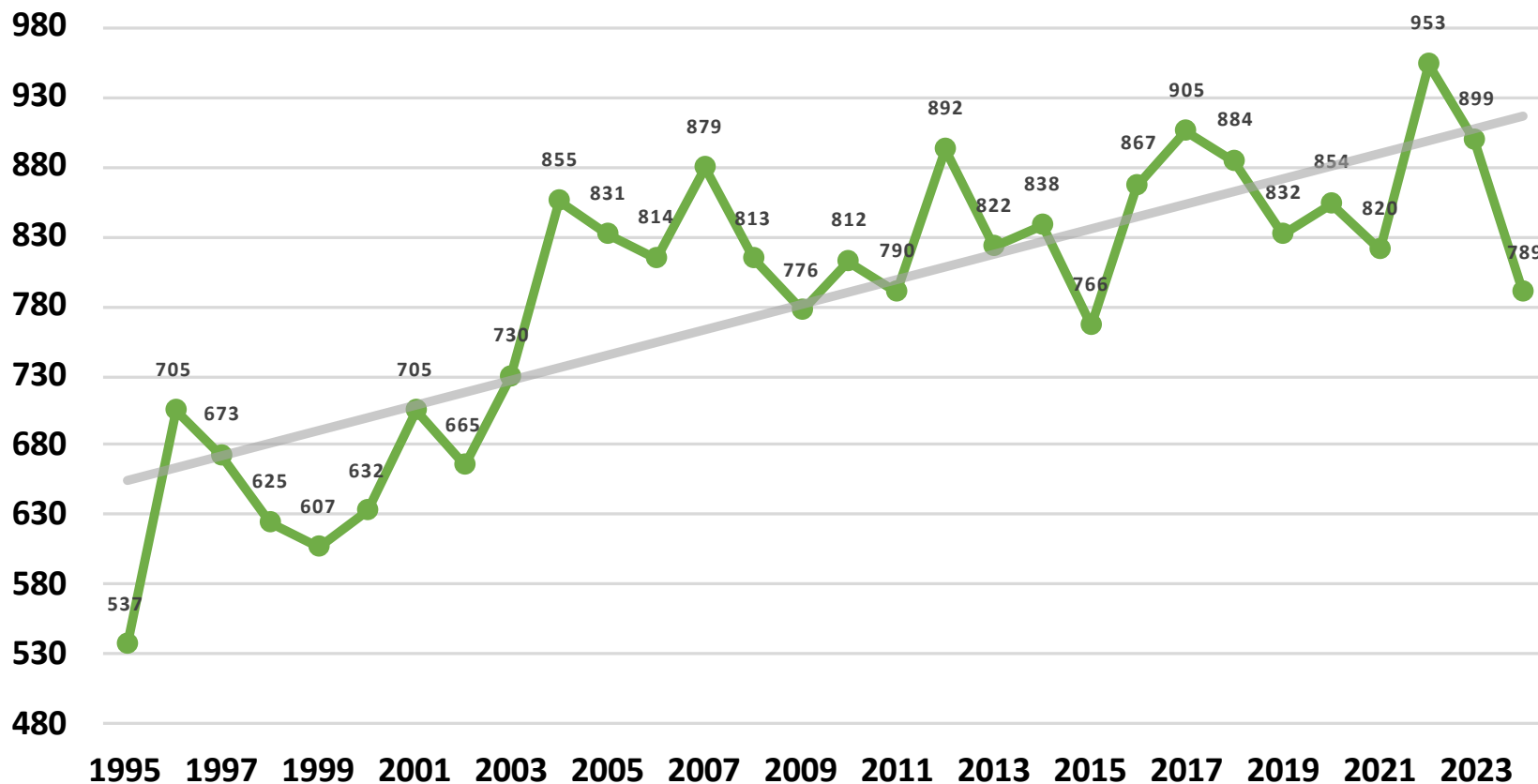
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
<b>United States</b>	<b>11,174</b>	<b>8,635</b>	<b>789</b>	<b>14,201</b>
% Change from Previous Estimate	NC	NC	↓ 2.2	↓ 2.1
% Change from Previous Season	↑ 9.2	↑ 34.1	↓ 12.2	↑ 17.7

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

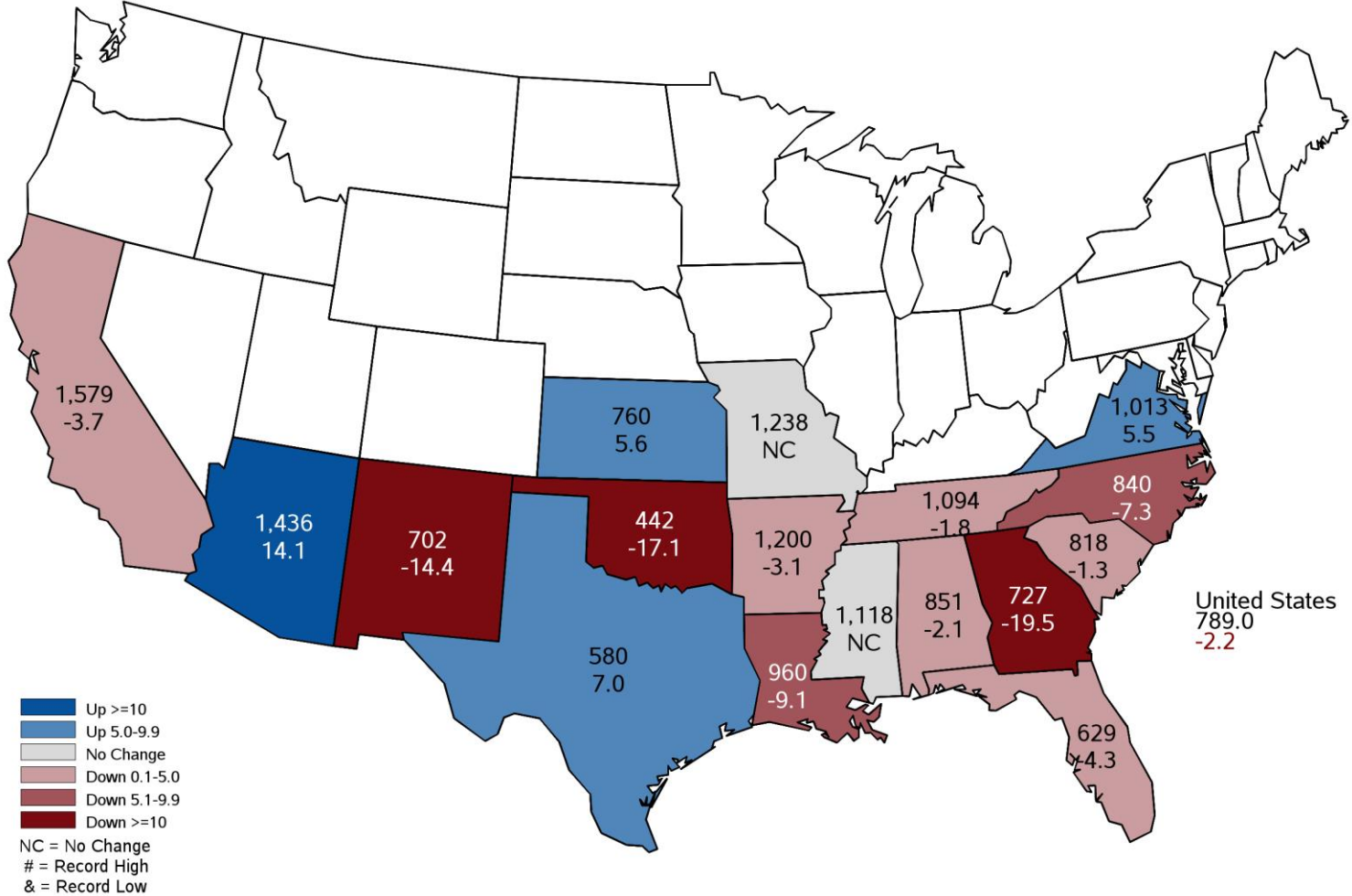
## United States

Pounds per Acre



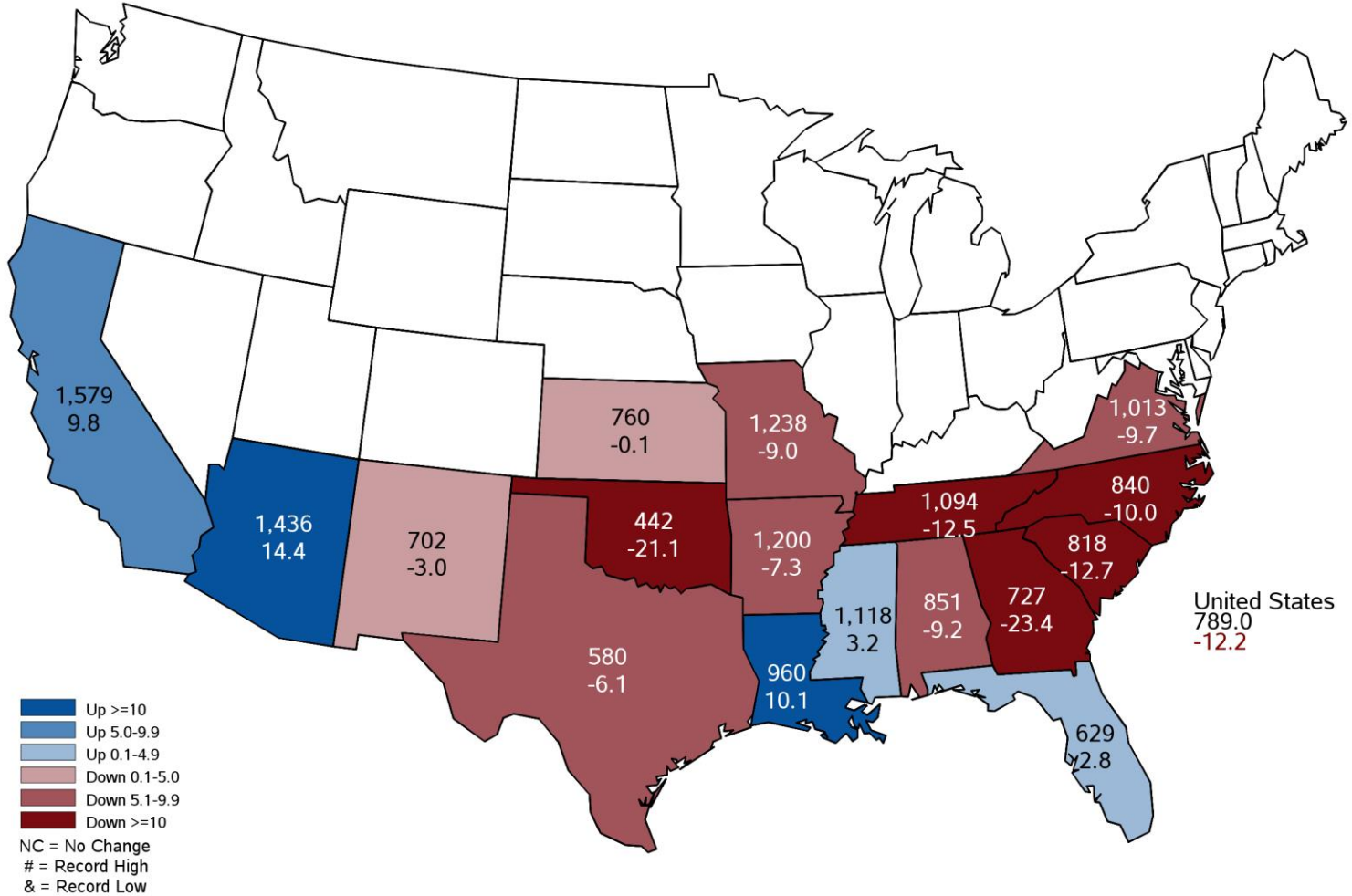
# October 2024 Cotton Yield

## Pounds and Percent Change from Previous Month



# October 2024 Cotton Yield

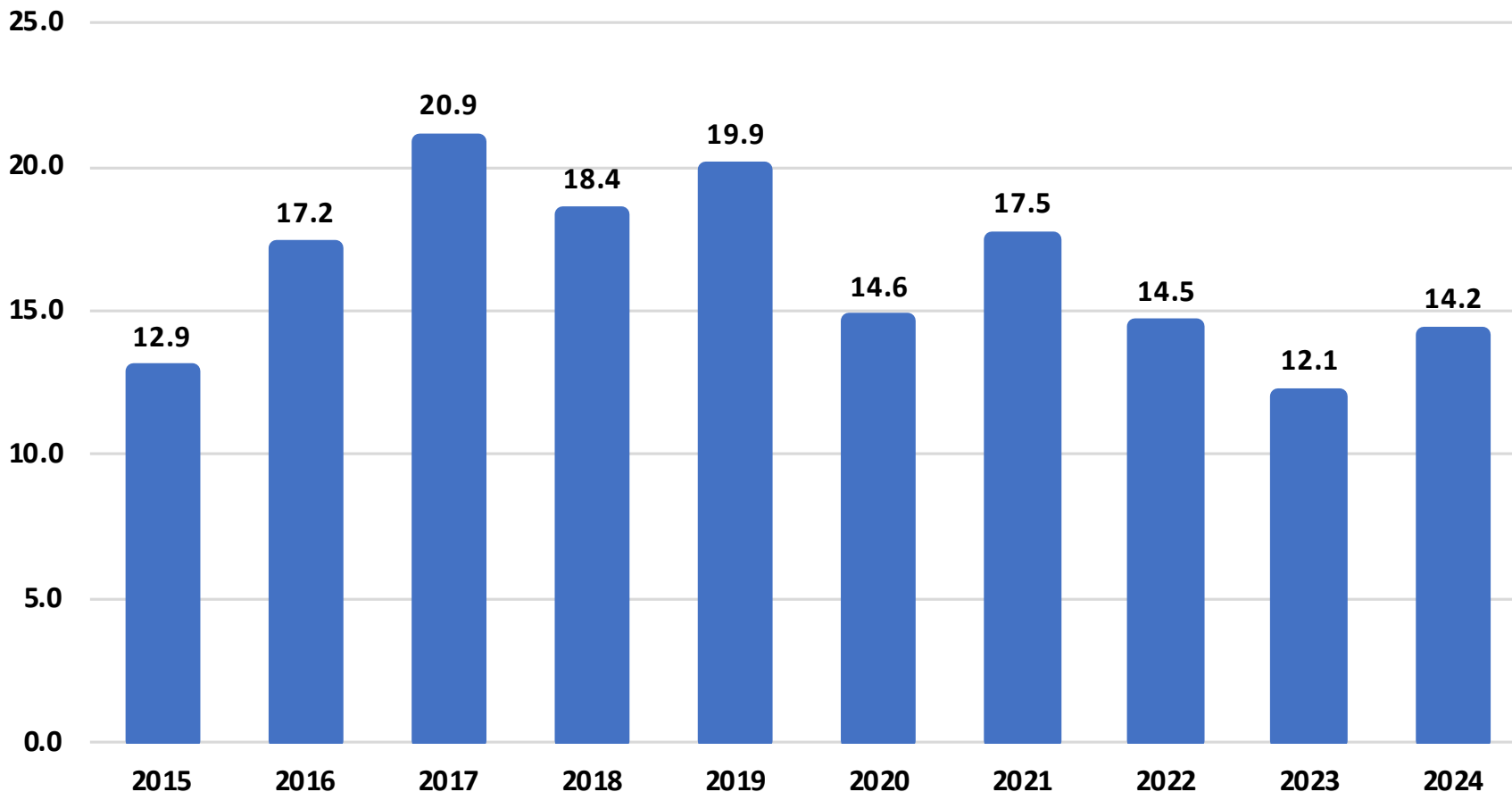
## Pounds and Percent Change from Previous Year



# Cotton Production

## United States

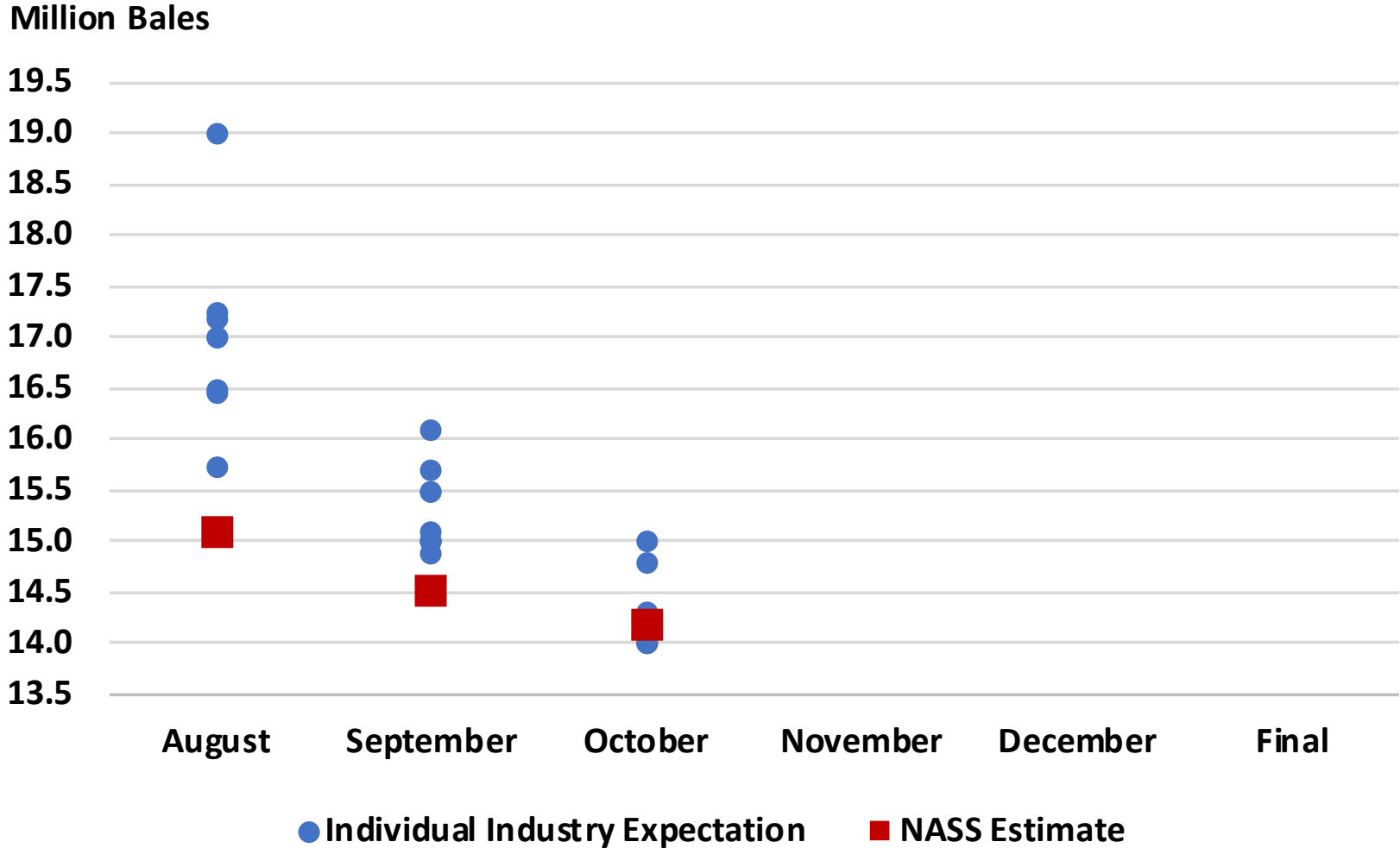
Million Bales





# 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
<b>Canola</b>	<b>2,760</b>	<b>2,720</b>	<b>1,811</b>	<b>Lb</b>	<b>4,925,840</b>	<b>Lb</b>
% Change from Previous Estimate	↑ 3.6	↑ 4.0	N/A		N/A	
% Change from Previous Season	↑ 17.7	↑ 17.3	↑ 1.0		↑ 18.5	
<b>Dry Edible Beans</b>	<b>1,532</b>	<b>1,489</b>	<b>1,978</b>	<b>Lb</b>	<b>29,448</b>	<b>Cwt</b>
% Change from Previous Estimate	NC	NC	↓ 3.8		↓ 3.8	
% Change from Previous Season	↑ 29.8	↑ 28.7	↓ 4.3		↑ 23.2	
<b>Alfalfa Hay</b>	<b>N/A</b>	<b>15,627</b>	<b>3.45</b>	<b>Ton</b>	<b>53,975</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	NC	↑ 3.0		↑ 3.1	
% Change from Previous Season	N/A	↓ <0.1	↑ 8.2		↑ 8.1	
<b>Other Hay</b>	<b>N/A</b>	<b>35,904</b>	<b>2.03</b>	<b>Ton</b>	<b>72,871</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	NC	↓ 1.9		↓ 2.1	
% Change from Previous Season	N/A	↓ 3.5	↑ 9.7		↑ 5.8	
<b>Peanuts</b>	<b>1,805</b>	<b>1,749</b>	<b>3,683</b>	<b>Lb</b>	<b>6,441,400</b>	<b>Lb</b>
% 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
<b>Rice</b>	<b>2,940</b>	<b>2,896</b>	<b>7,590</b>	<b>Lb</b>	<b>219,812</b>	<b>Cwt</b>
% Change from Previous Estimate	NC	NC	↑ <0.1		↑ <0.1	
% Change from Previous Season	↑ 1.6	↑ 1.5	↓ 0.8		↑ 0.7	
<b>Sorghum</b>	<b>6,300</b>	<b>5,275</b>	<b>57.7</b>	<b>Bu</b>	<b>304,610</b>	<b>Bu</b>
% Change from Previous Estimate	NC	NC	↑ 0.7		↑ 0.9	
% Change from Previous Season	↓ 12.4	↓ 13.7	↑ 11.0		↓ 4.1	
<b>Sugarbeets</b>	<b>1,101</b>	<b>1,075</b>	<b>33.1</b>	<b>Ton</b>	<b>35,573</b>	<b>Ton</b>
% Change from Previous Estimate	NC	NC	↑ 0.6		↑ 0.5	
% Change from Previous Season	↓ 3.2	↓ 4.6	↑ 6.1		↑ 1.0	
<b>Sugarcane</b>	<b>N/A</b>	<b>924</b>	<b>38.3</b>	<b>Ton</b>	<b>35,368</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	NC	↑ 0.3		↑ 0.1	
% Change from Previous Season	N/A	↓ 0.6	↑ 5.5		↑ 4.7	
<b>Sunflower</b>	<b>720</b>	<b>691</b>	<b>1,889</b>	<b>Lb</b>	<b>1,304,557</b>	<b>Lb</b>
% 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
<b>Tobacco</b>	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	

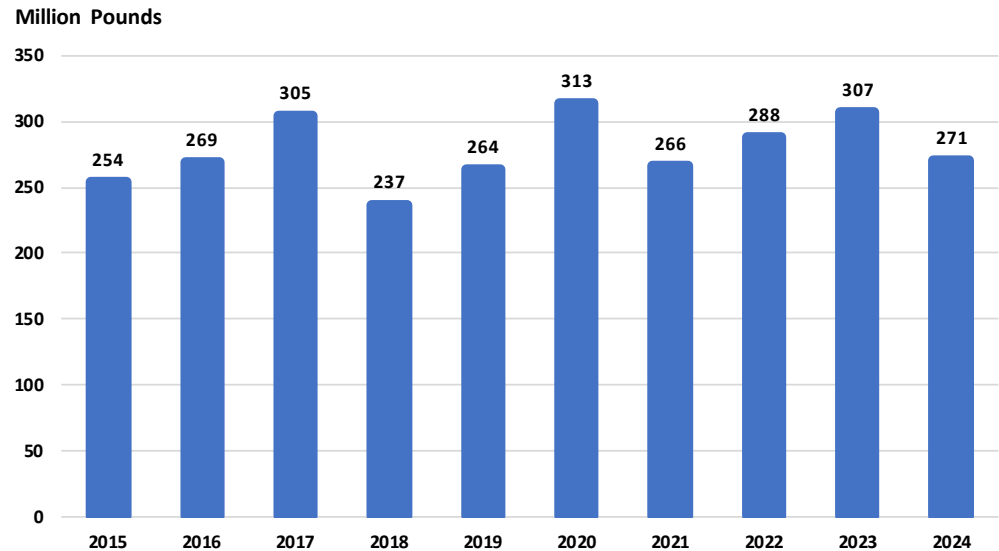


# October 2024 Noncitrus Fruits and Nuts Production



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

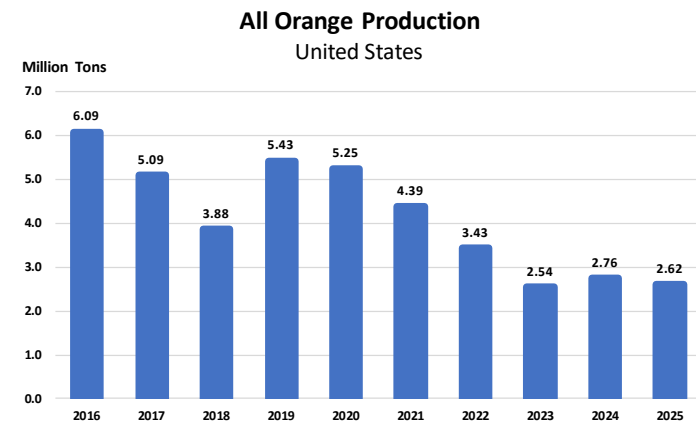
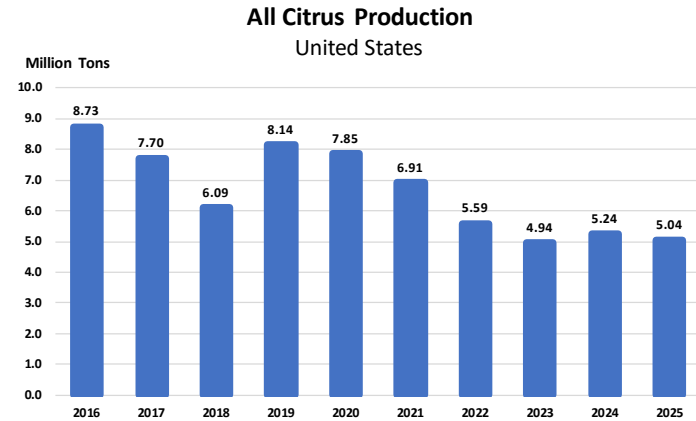
**Pecan Production  
United States**





# October 2024 Citrus Utilized Production

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





# Selected Upcoming Reports



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

<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](http://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](http://www.nass.usda.gov)**

**For Questions**

**(202) 720-2127**

**(800) 727-9540**

**[nass@usda.gov](mailto:nass@usda.gov)**