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# October Crop Production

## Agricultural Statistics Board Briefing

Lance Honig, Chief  
Crops Branch



# Special Note

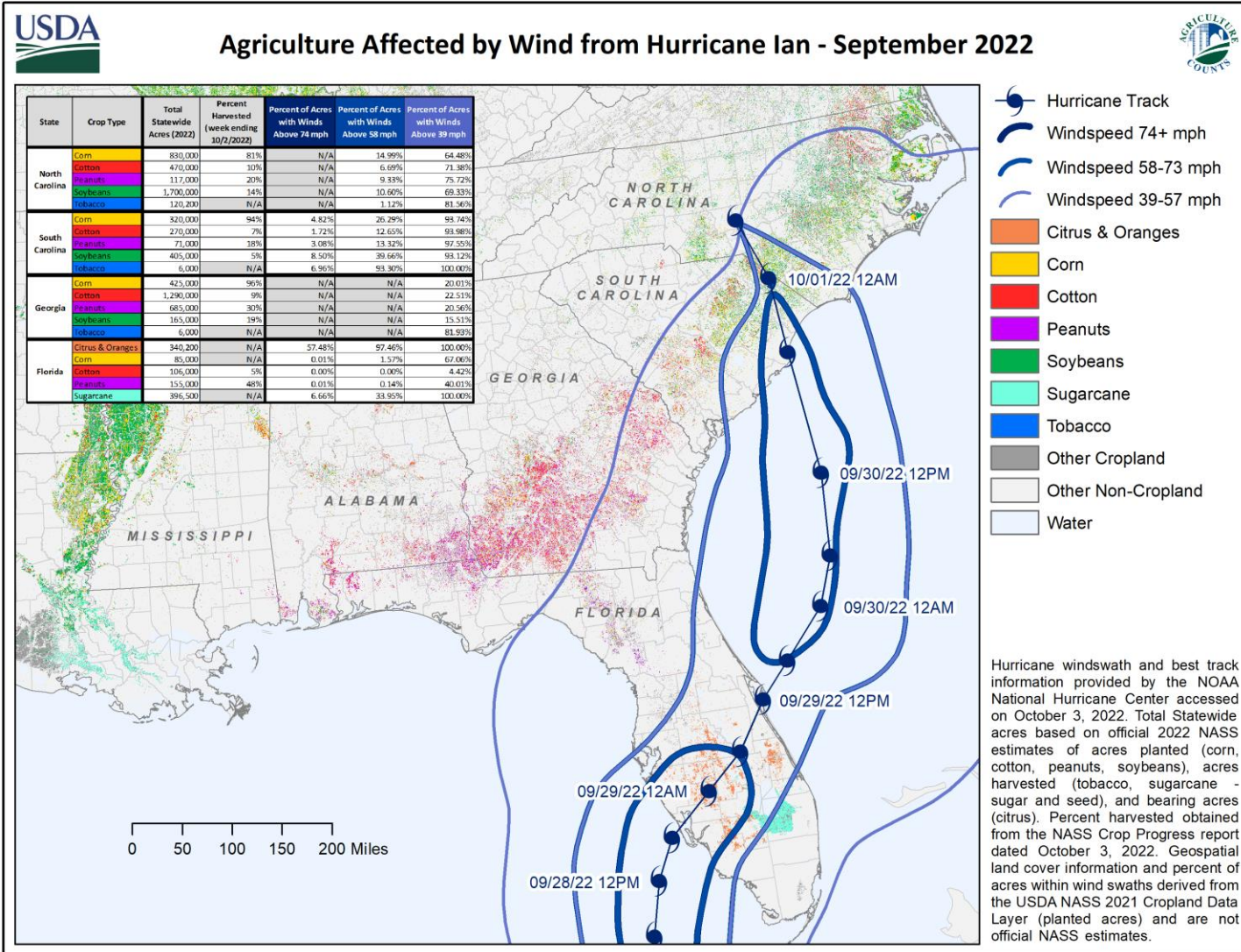


Hurricane Ian made its landfall near Cayo Costa, Florida on Wednesday, September 28. It made a second landfall near Georgetown, South Carolina on Friday, September 30.

Survey work for the Florida citrus forecast was completed on schedule before Hurricane Ian made landfall. The Florida citrus forecasts in this report do not reflect any potential impact from the hurricane. The next citrus forecast will be in the December 9, 2022 Crop Production report.

Although survey work for other crops in this report extended beyond the initial landfall, the full impact of the storm may not be reflected until future reports.

# Hurricane Ian Path

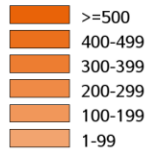
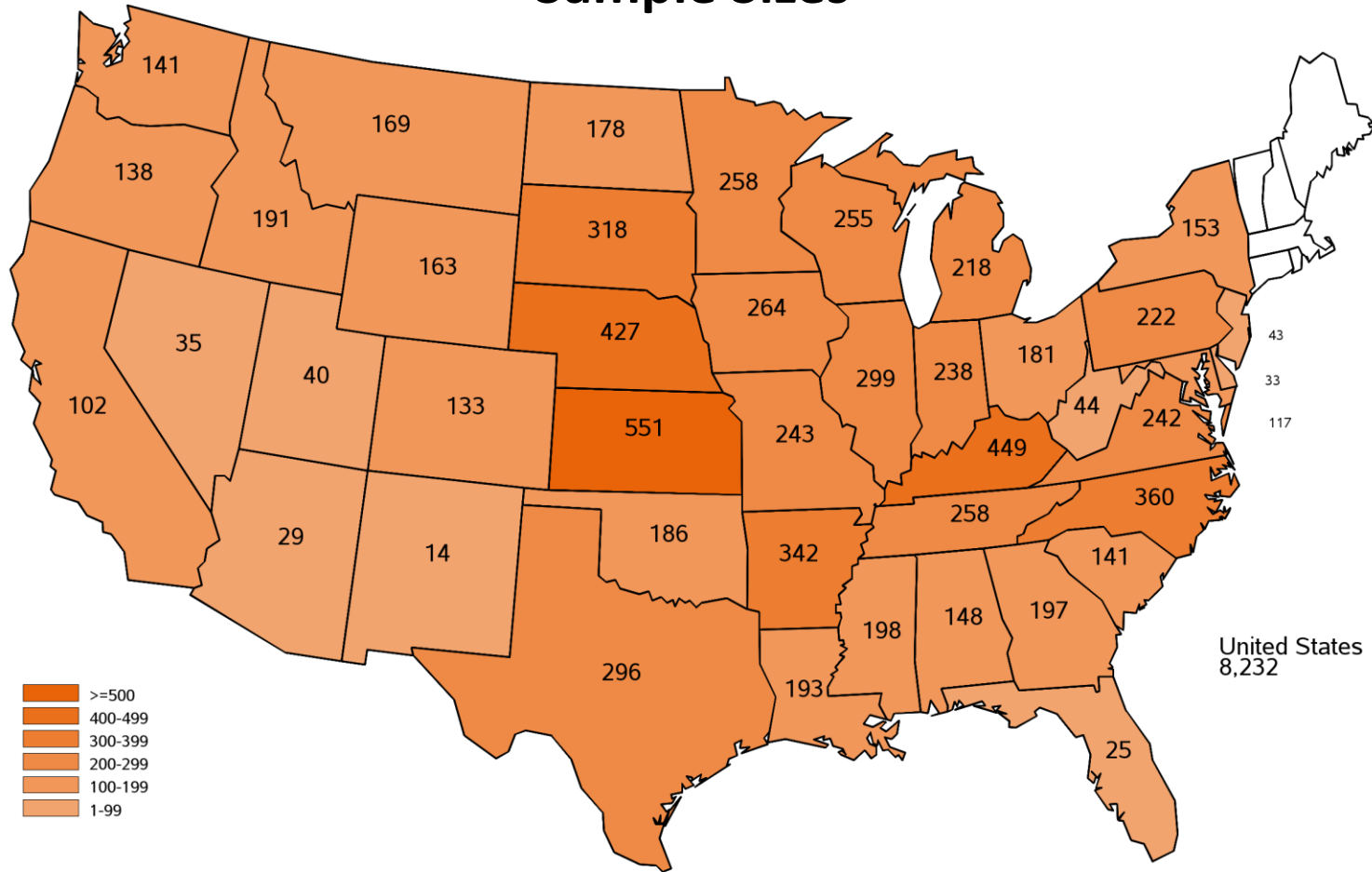


# Data Sources

<b>Operator Reported Survey</b>	<b>Ag Yield</b>	<b>Sample Size = 8,232</b>	<b>September 29 - October 5</b>
<b>Field Surveys</b>	<b>Objective Yield Corn, Cotton, Soybeans</b>	<b>Sample Size = 3,930</b>	<b>September 24 - October 1</b>
	<b>Tree Inventory Florida Citrus</b>	<b>192,585 Acres</b>	<b>July 1, 2021 - June 30, 2022</b>
	<b>Limb Count Florida Citrus</b>	<b>2,943 Groves</b>	<b>July 11 - September 16</b>
	<b>Size and Drop Florida Citrus</b>	<b>1,874 Groves</b>	<b>September 1 - September 23</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 21</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 2022 Ag Yield Survey

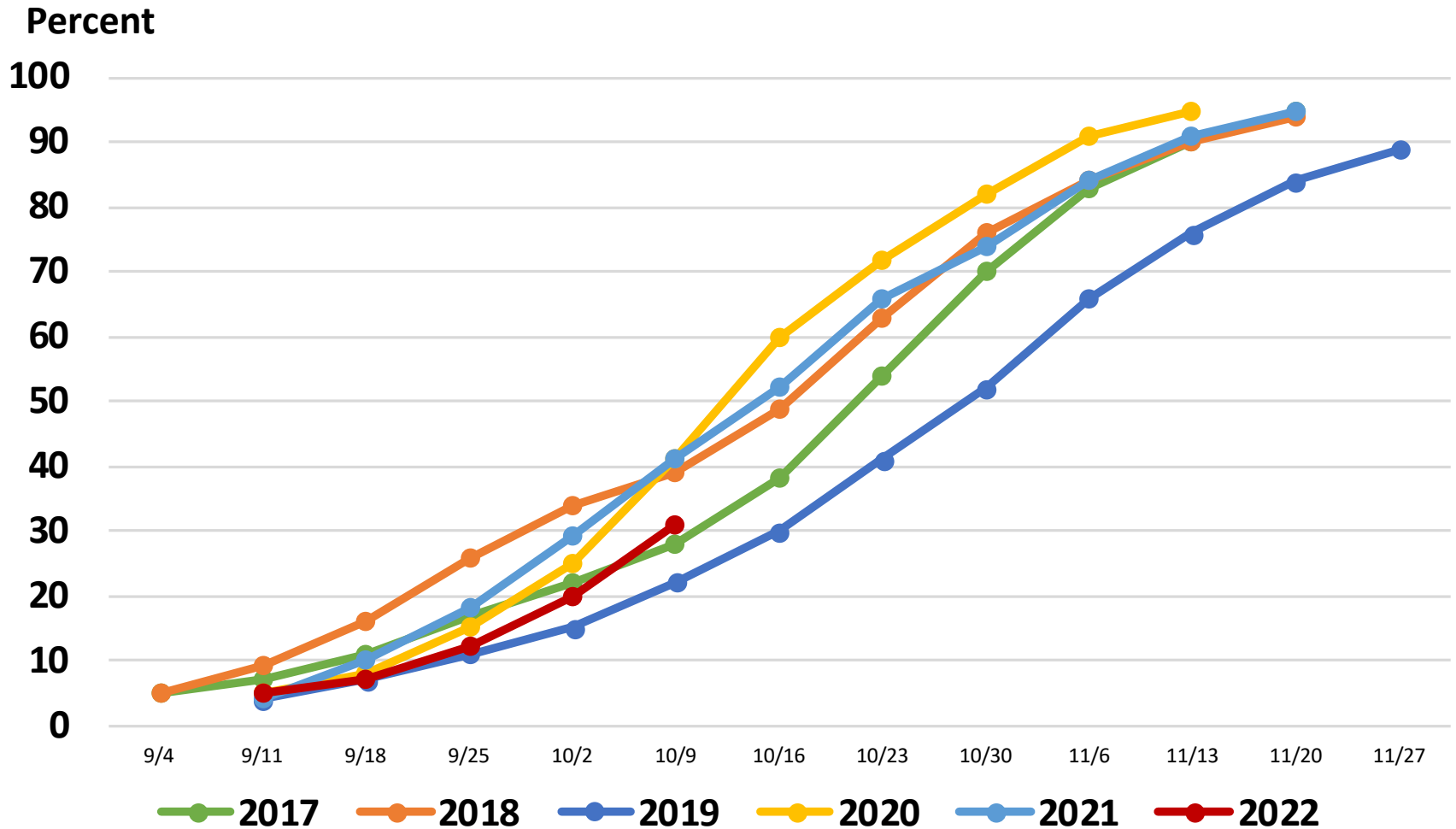
## Sample Sizes





# United States Corn Progress

## Percent Harvested





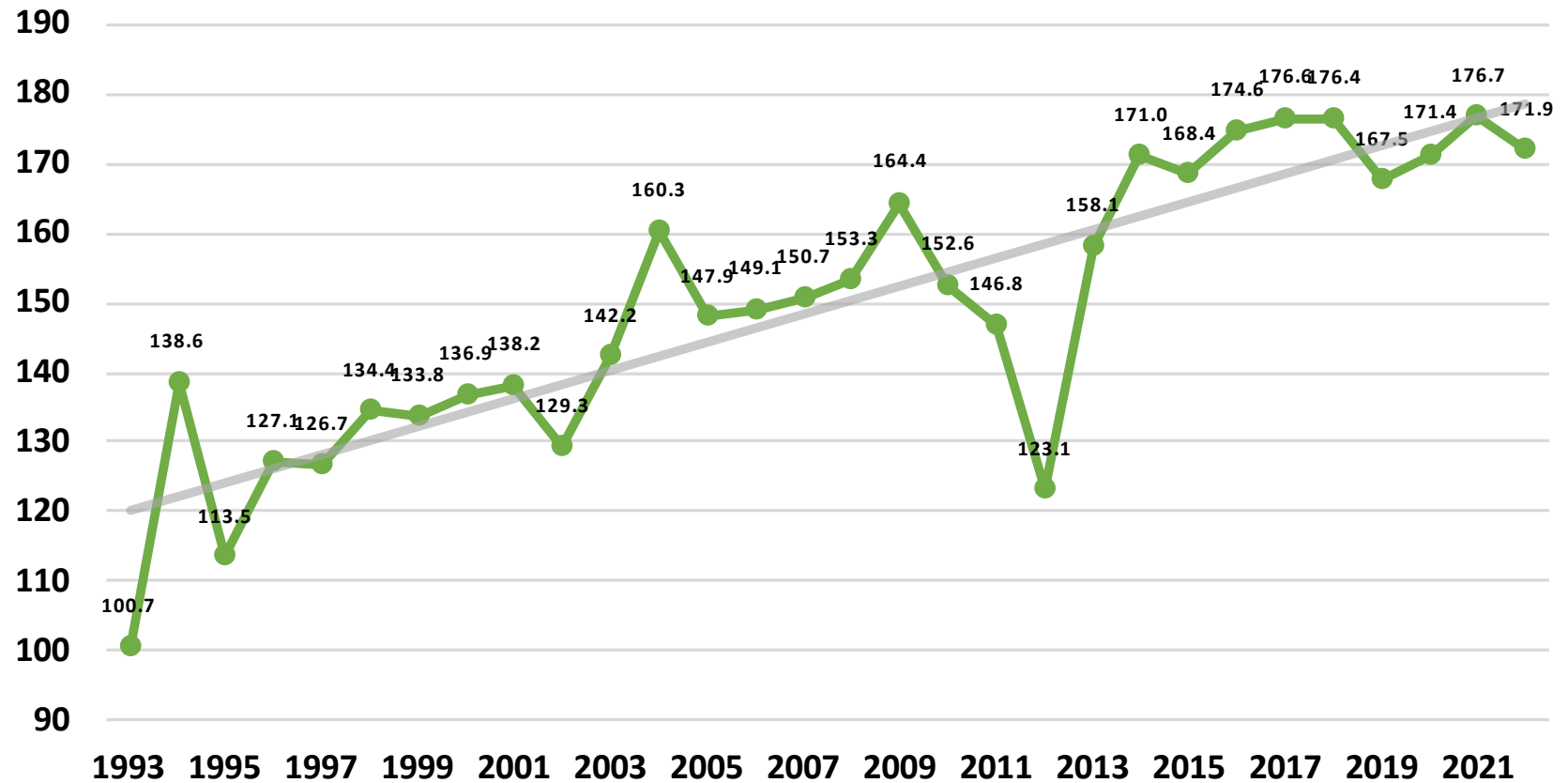
# October 2022 Corn Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
<b>United States</b>	<b>88,608</b>	<b>80,844</b>	<b>171.9</b>	<b>13,895,176</b>
% Change from Previous Estimate	NC	NC	↓ 0.3	↓ 0.3
% Change from Previous Season	↓ 5.0	↓ 5.2	↓ 2.7	↓ 7.8

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	NC	12,450	NC	200	↓ 2.0	2,490,000	↓ 2.0		
Illinois	10,800	↓ 1.8	10,550	↓ 2.8	210	↑ 4.0	2,215,500	↑ 1.1		
Nebraska	9,600	↓ 3.0	9,300	↓ 2.7	172	↓ 11.3	1,599,600	↓ 13.8		
Minnesota	8,050	↓ 4.2	7,550	↓ 3.7	190	↑ 7.3	1,434,500	↑ 3.4		
Indiana	5,200	↓ 3.7	5,050	↓ 4.2	187	↓ 4.1	944,350	↓ 8.1		

# Corn Yield United States

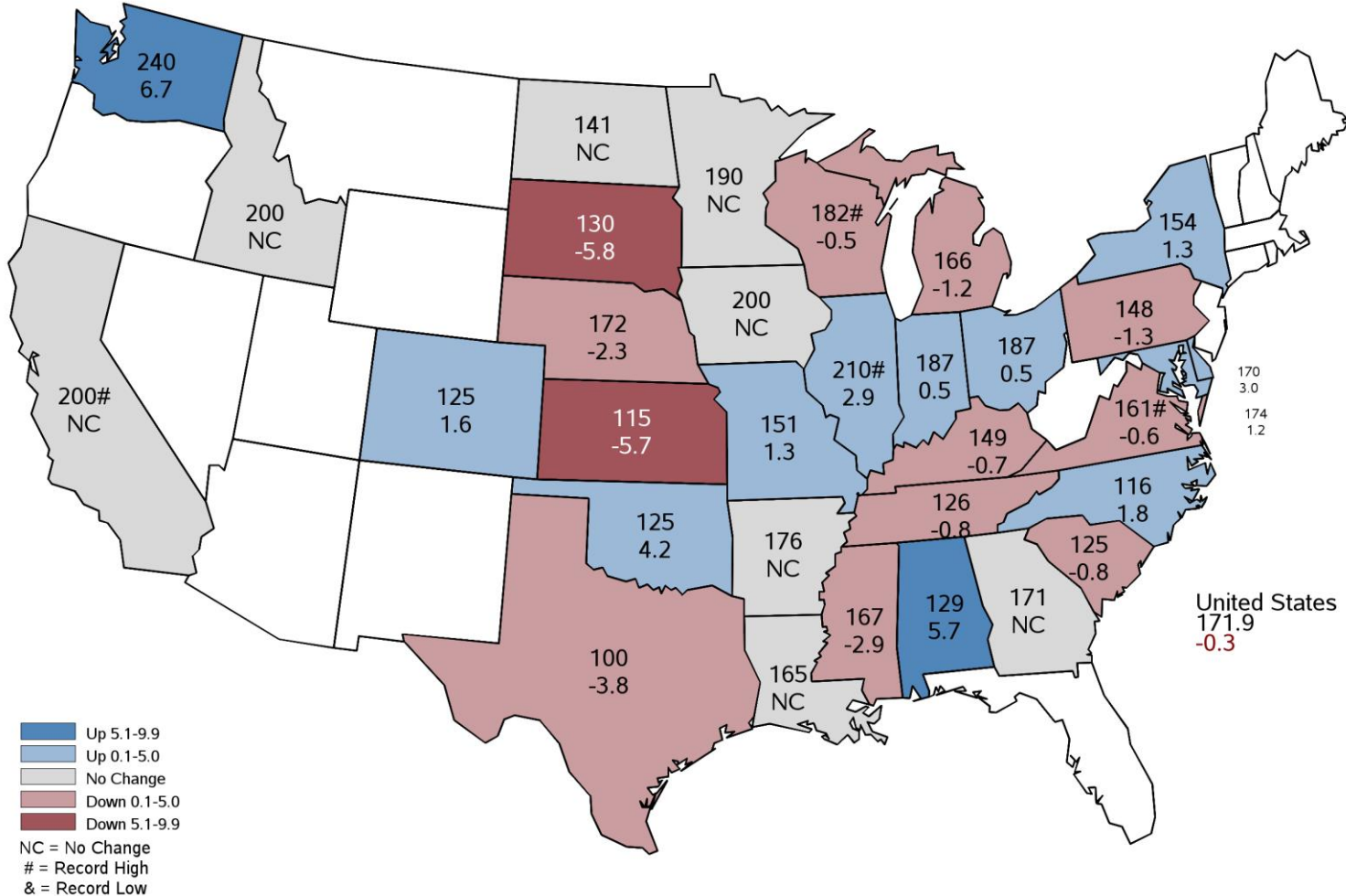
Bushels per Acre





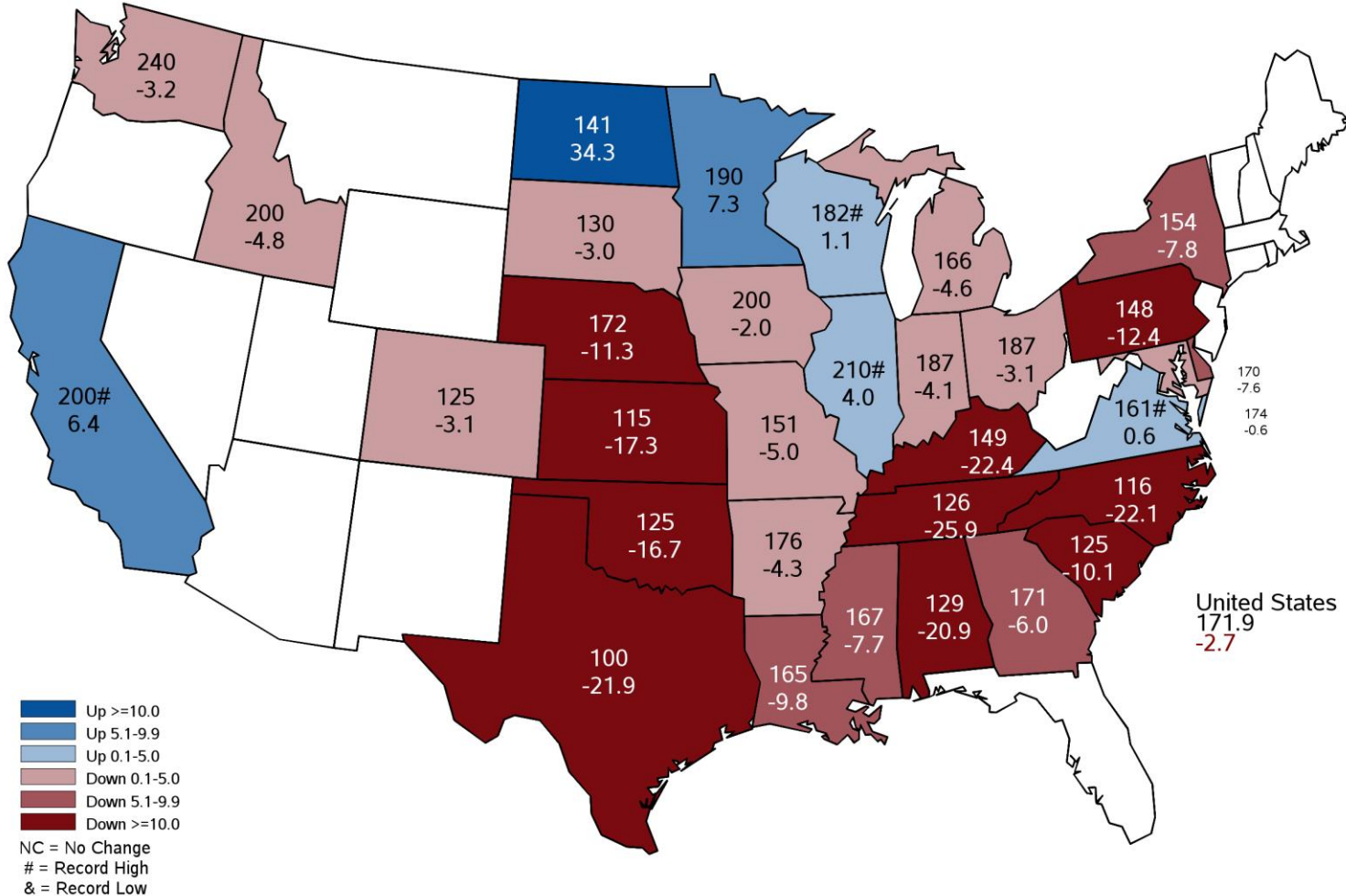
# October 2022 Corn Yield

## Bushels and Percent Change from Previous Month



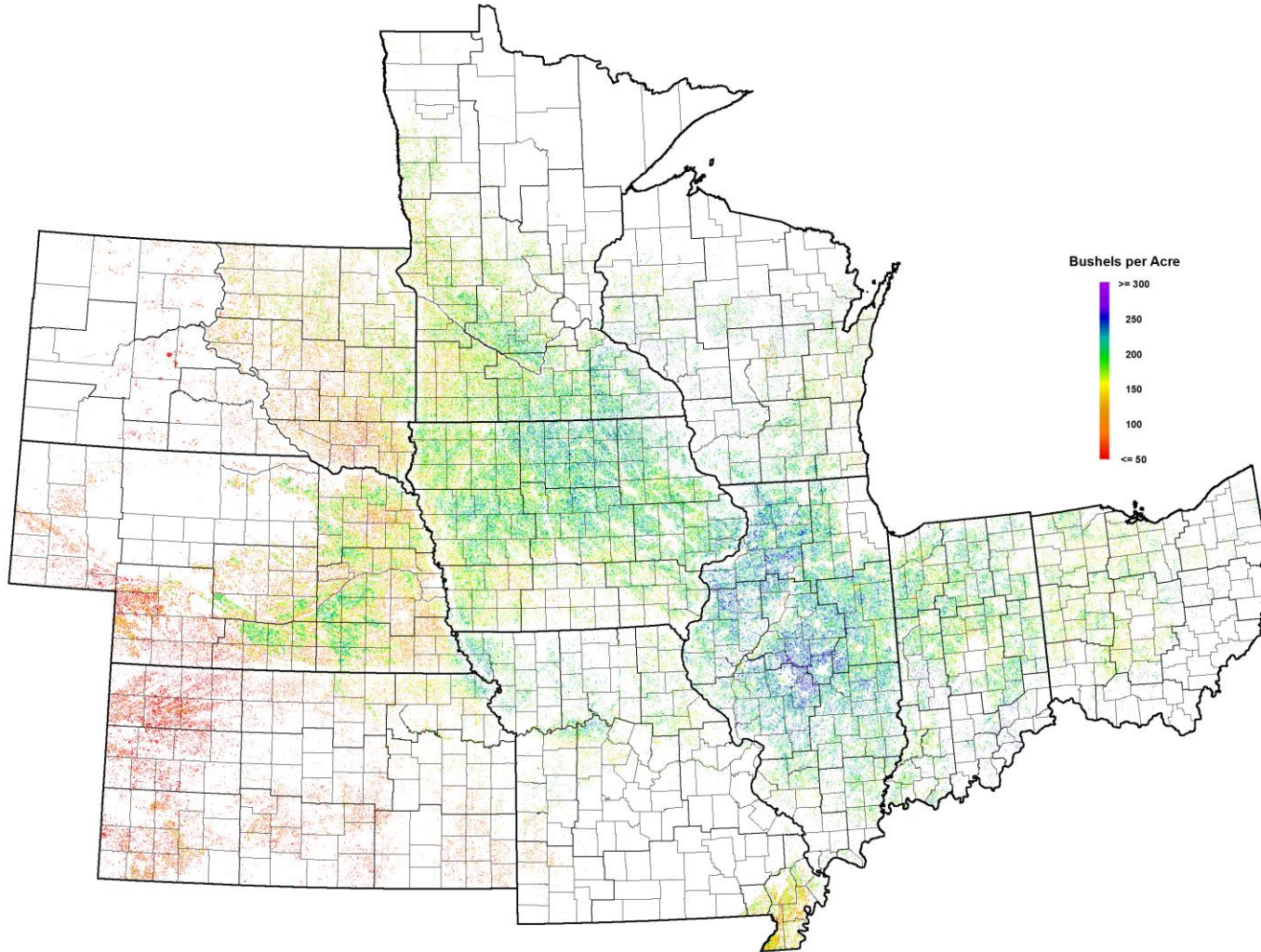
# October 2022 Corn Yield

## Bushels and Percent Change from Previous Year



# October 2022 Corn

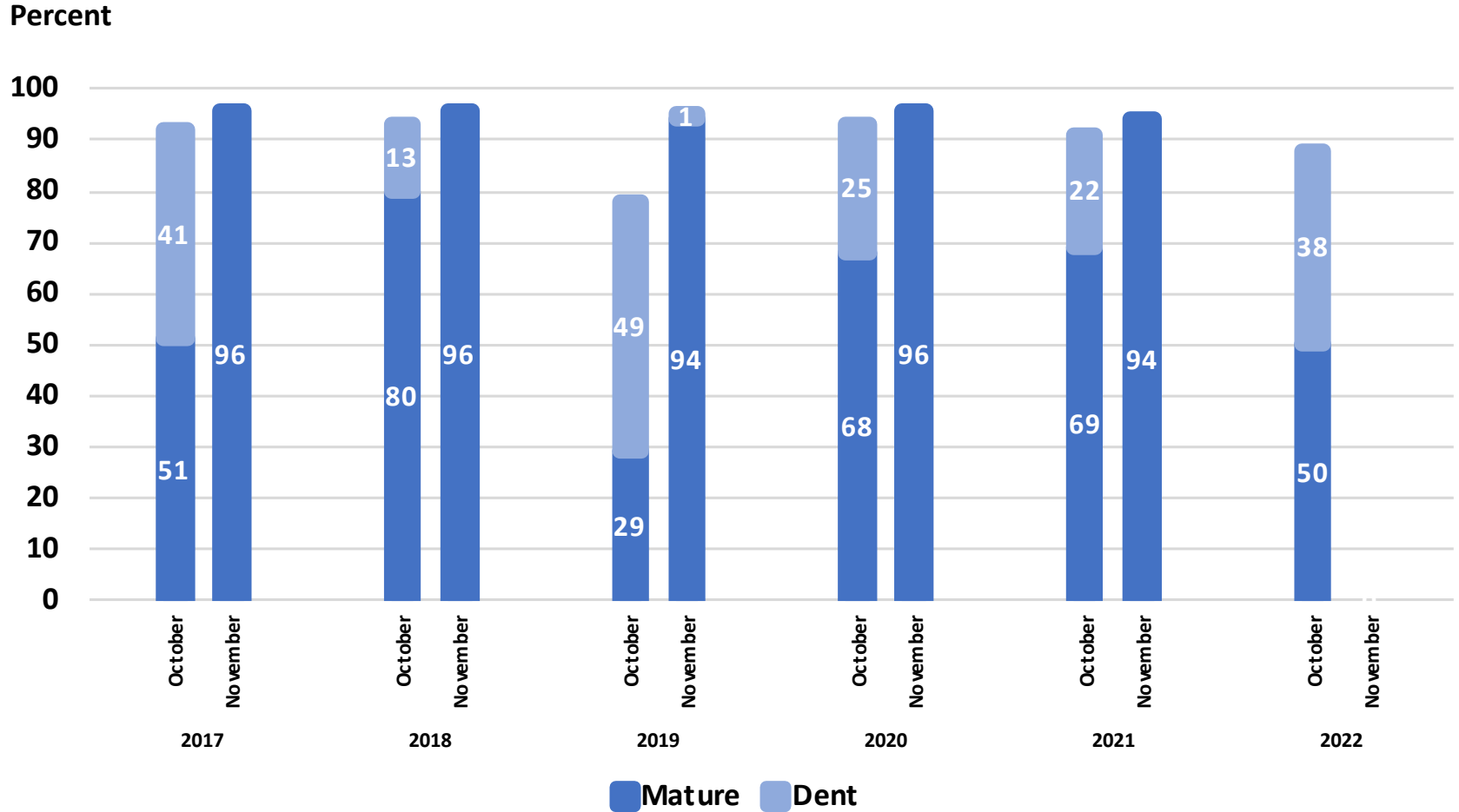
## NASA Terra MODIS Modeled Yield





# October 2022 Corn Objective Yield

## Percent of Samples Processed in the Lab



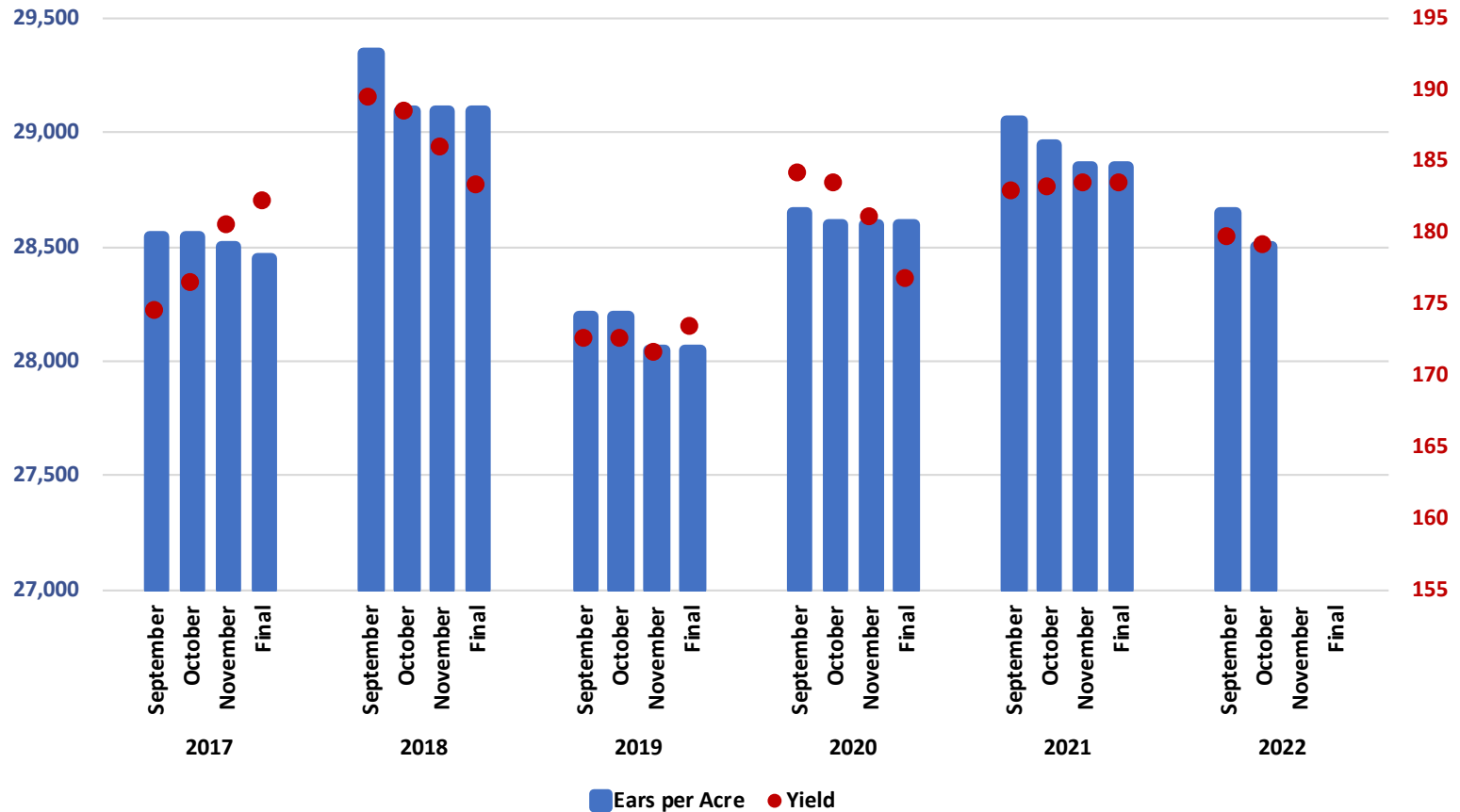


# October 2022 Corn Objective Yield

## Ears per Acre and Yield for 10 State Region

Ears per Acre

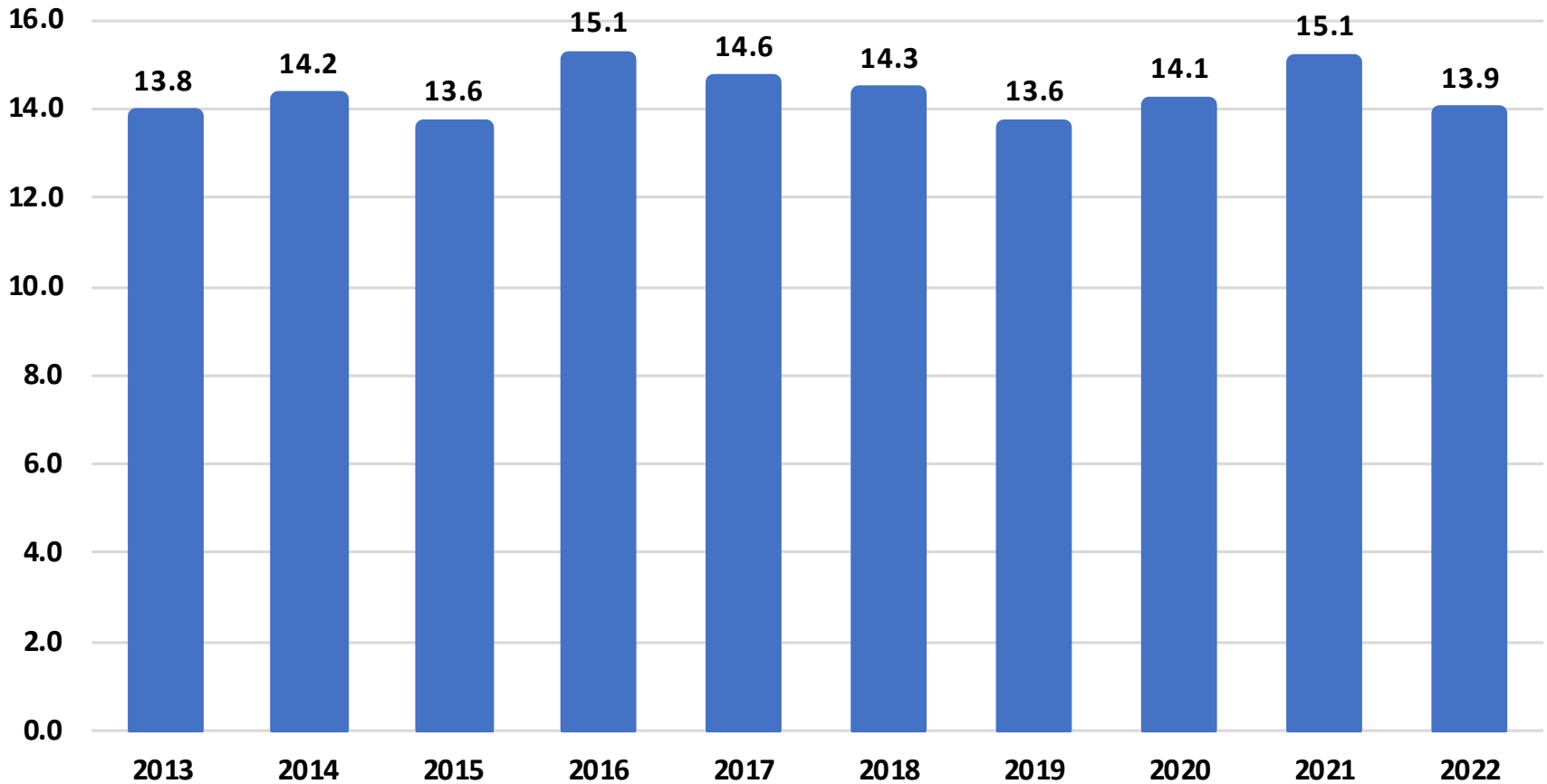
Bushels per Acre



# Corn Production

## United States

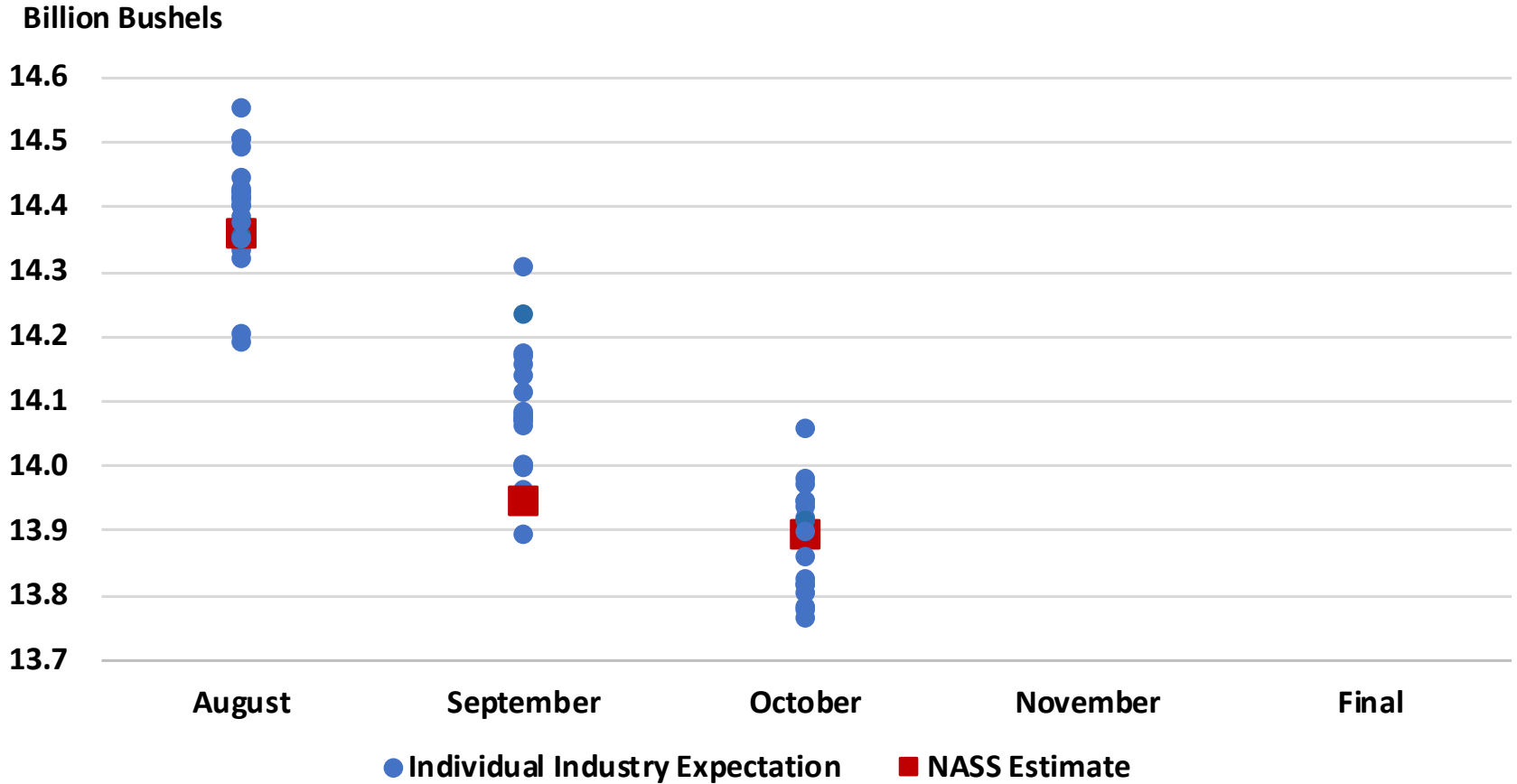
Billion Bushels





# 2022 U.S. Corn Production

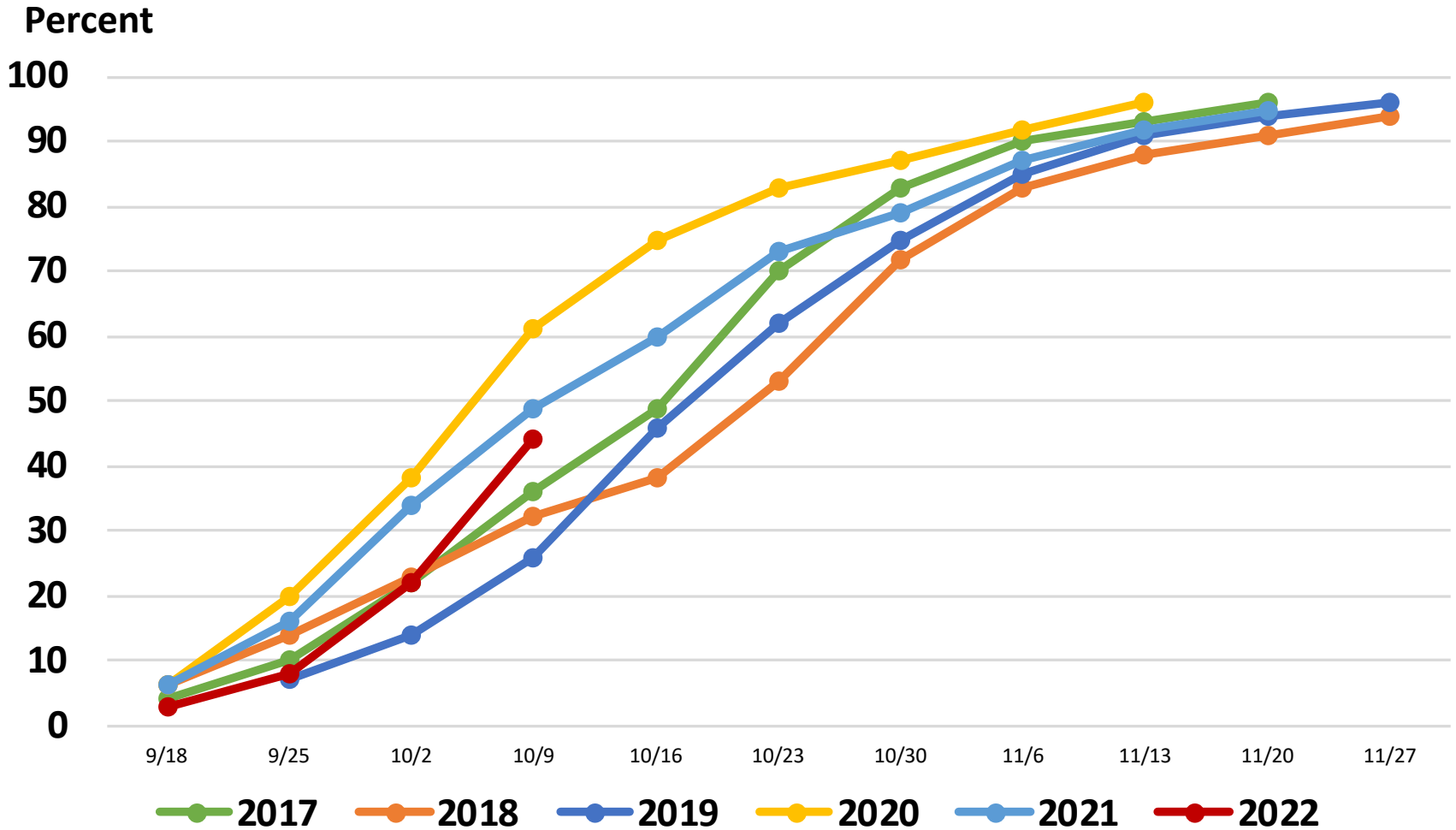
## Industry Expectations vs NASS





# United States Soybean Progress

## Percent Harvested







# October 2022 Soybeans

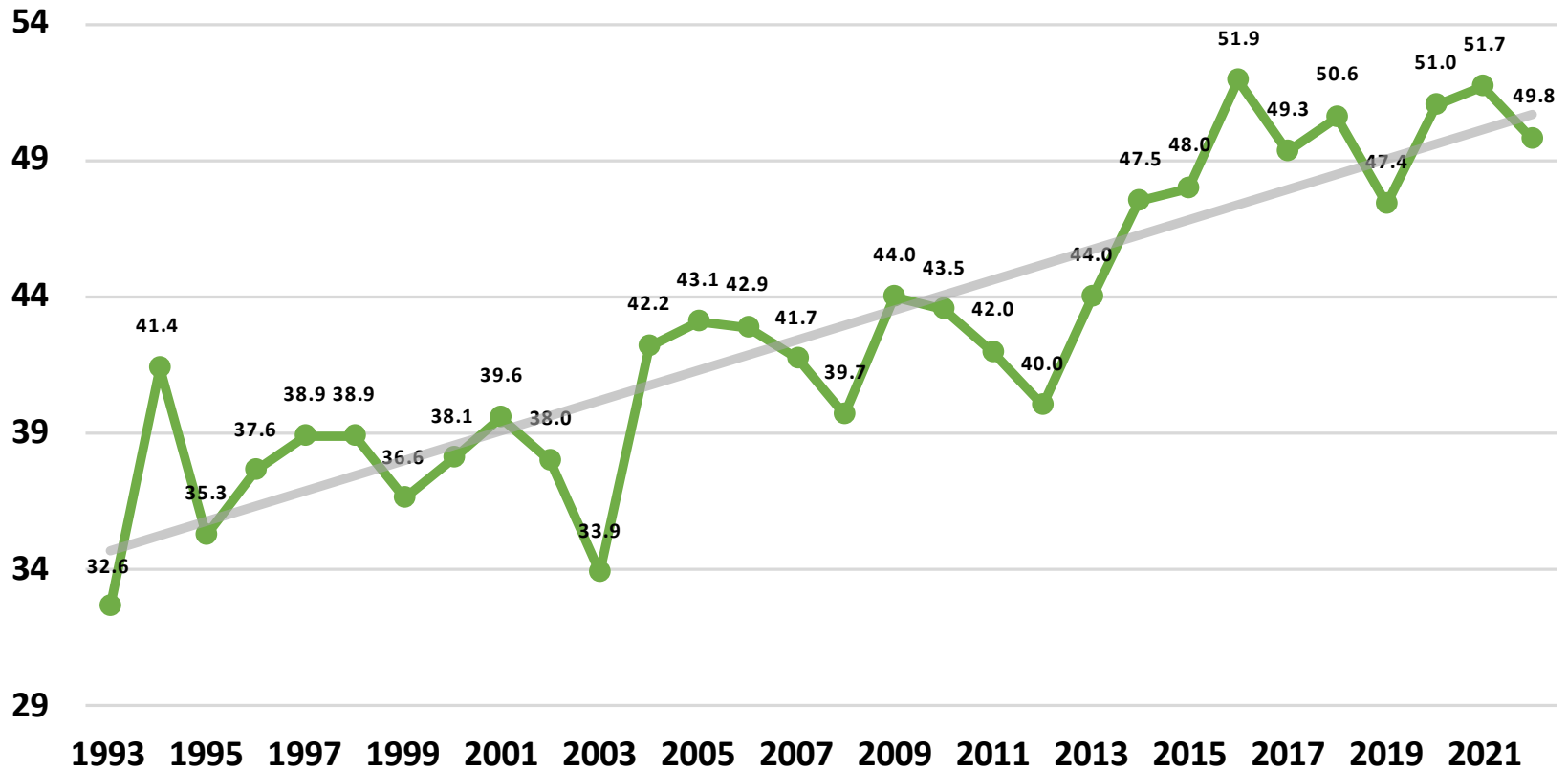
## Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
<b>United States</b>	<b>87,455</b>	<b>86,631</b>	<b>49.8</b>	<b>4,312,949</b>
% Change from Previous Estimate	NC	NC	↓ 1.4	↓ 1.5
% Change from Previous Season	↑ 0.3	↑ 0.4	↓ 3.7	↓ 3.4

	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	↑ 1.9	10,700	↑ 1.8	64.0	↓ 1.5	684,800	↑ 0.2
Iowa	10,100	NC	10,020	↓ 0.1	58.0	↓ 7.9	581,160	↓ 8.0
Minnesota	7,450	↓ 2.6	7,380	↓ 2.6	50.0	↑ 6.4	369,000	↑ 3.6
Indiana	5,850	↑ 3.5	5,830	↑ 3.4	59.0	↓ 1.7	343,970	↑ 1.6
Ohio	5,100	↑ 4.1	5,080	↑ 4.1	55.0	↓ 3.5	279,400	↑ 0.4

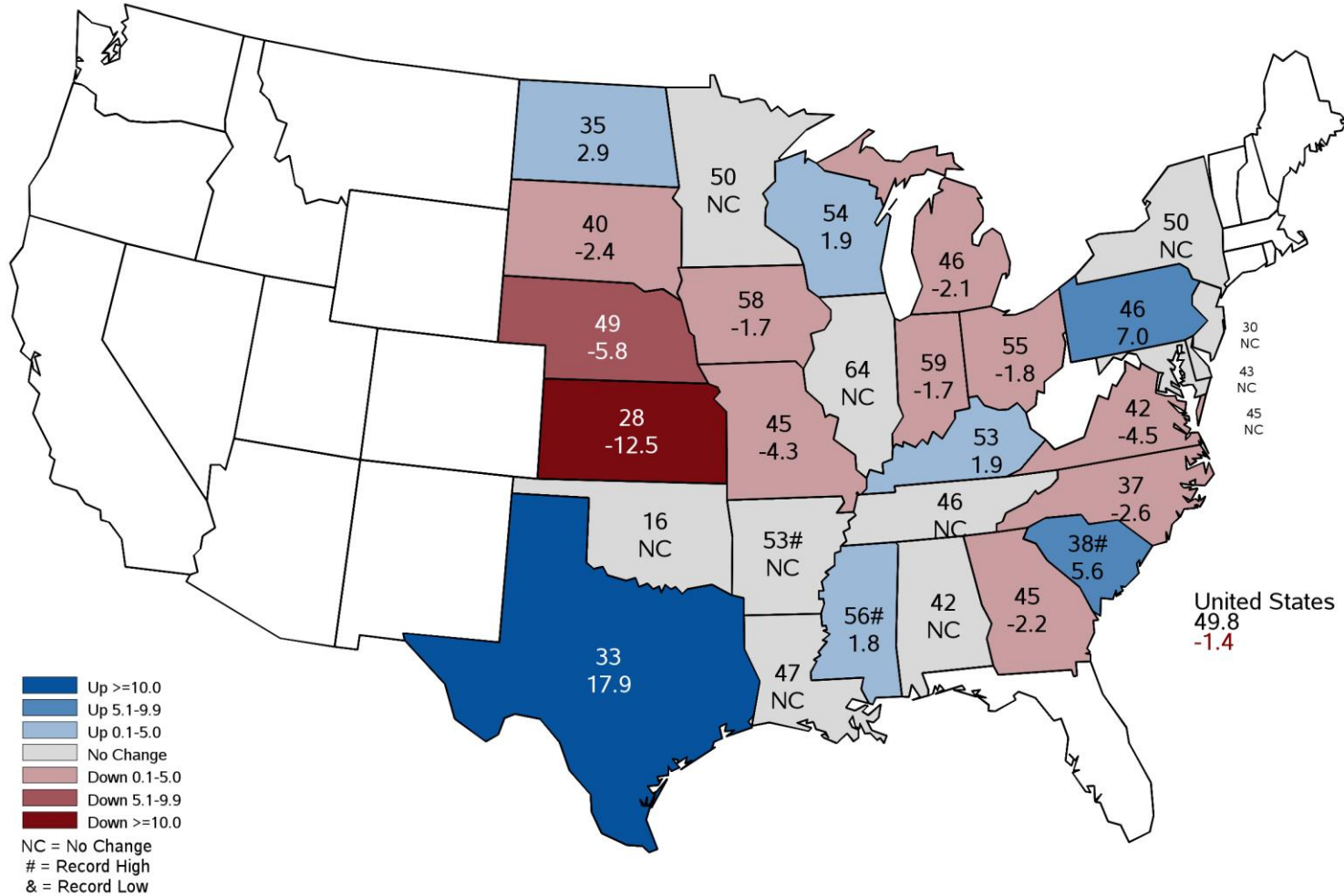
# Soybean Yield United States

Bushels per Acre



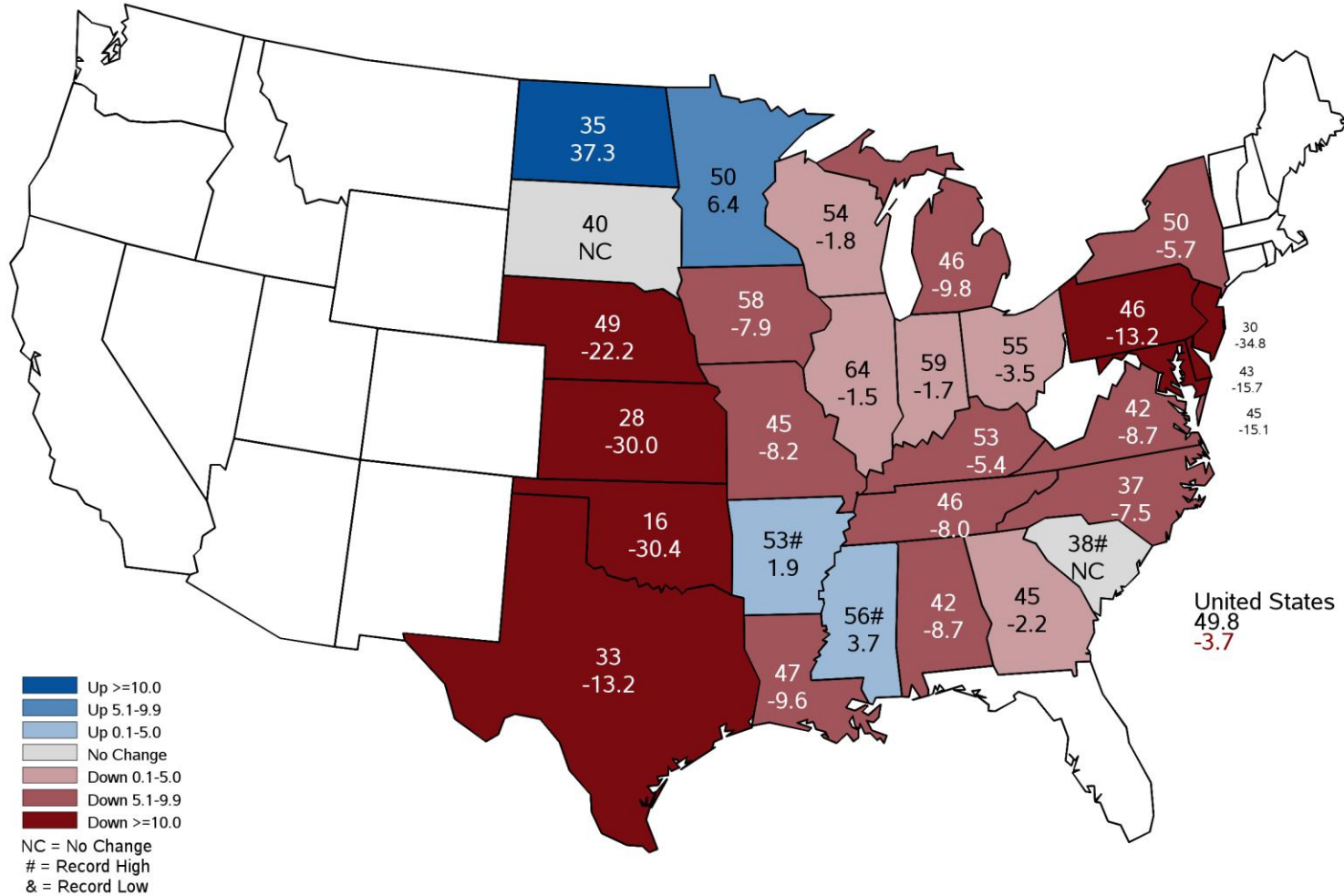
# October 2022 Soybean Yield

## Bushels and Percent Change from Previous Month



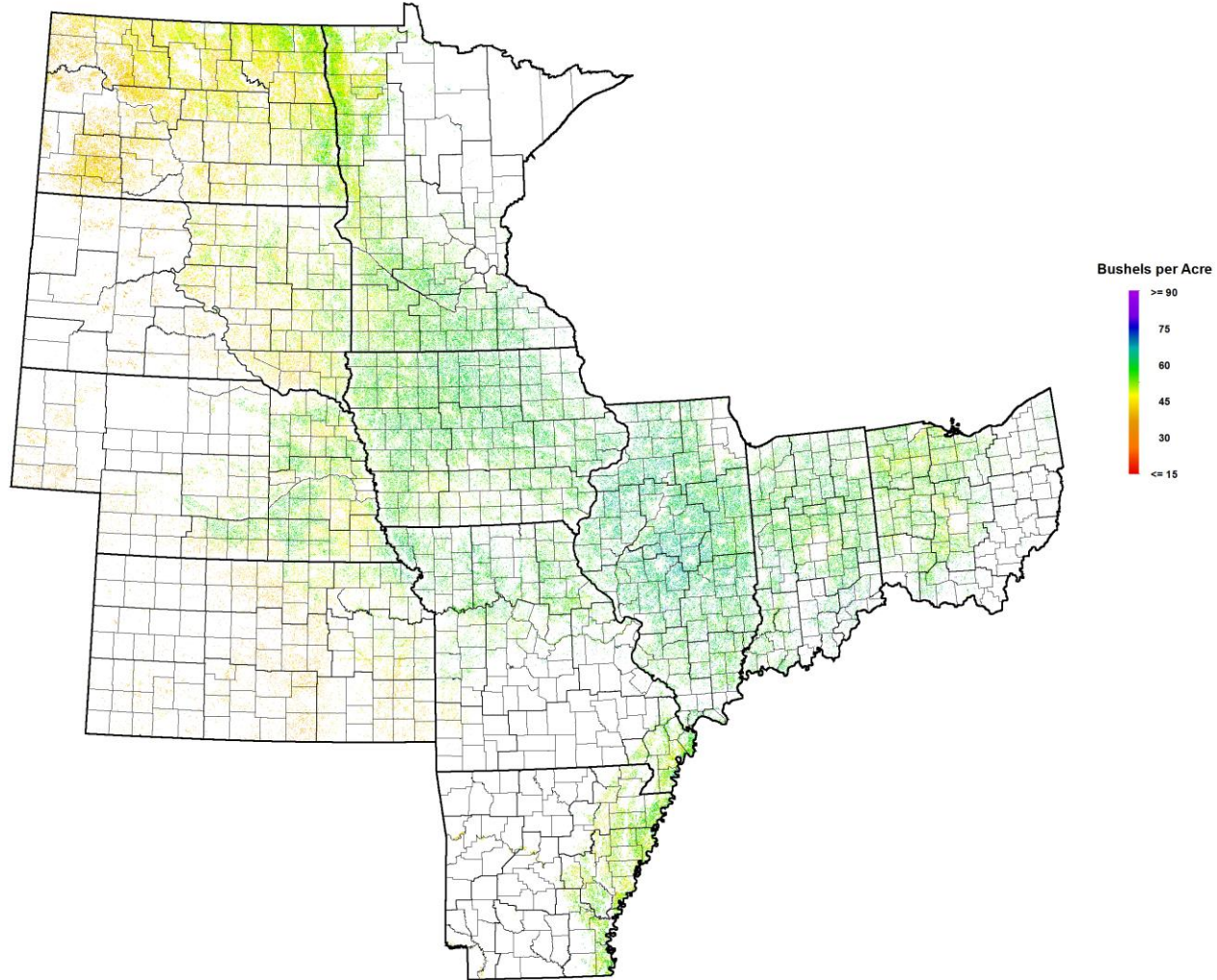
# October 2022 Soybean Yield

## Bushels and Percent Change from Previous Year



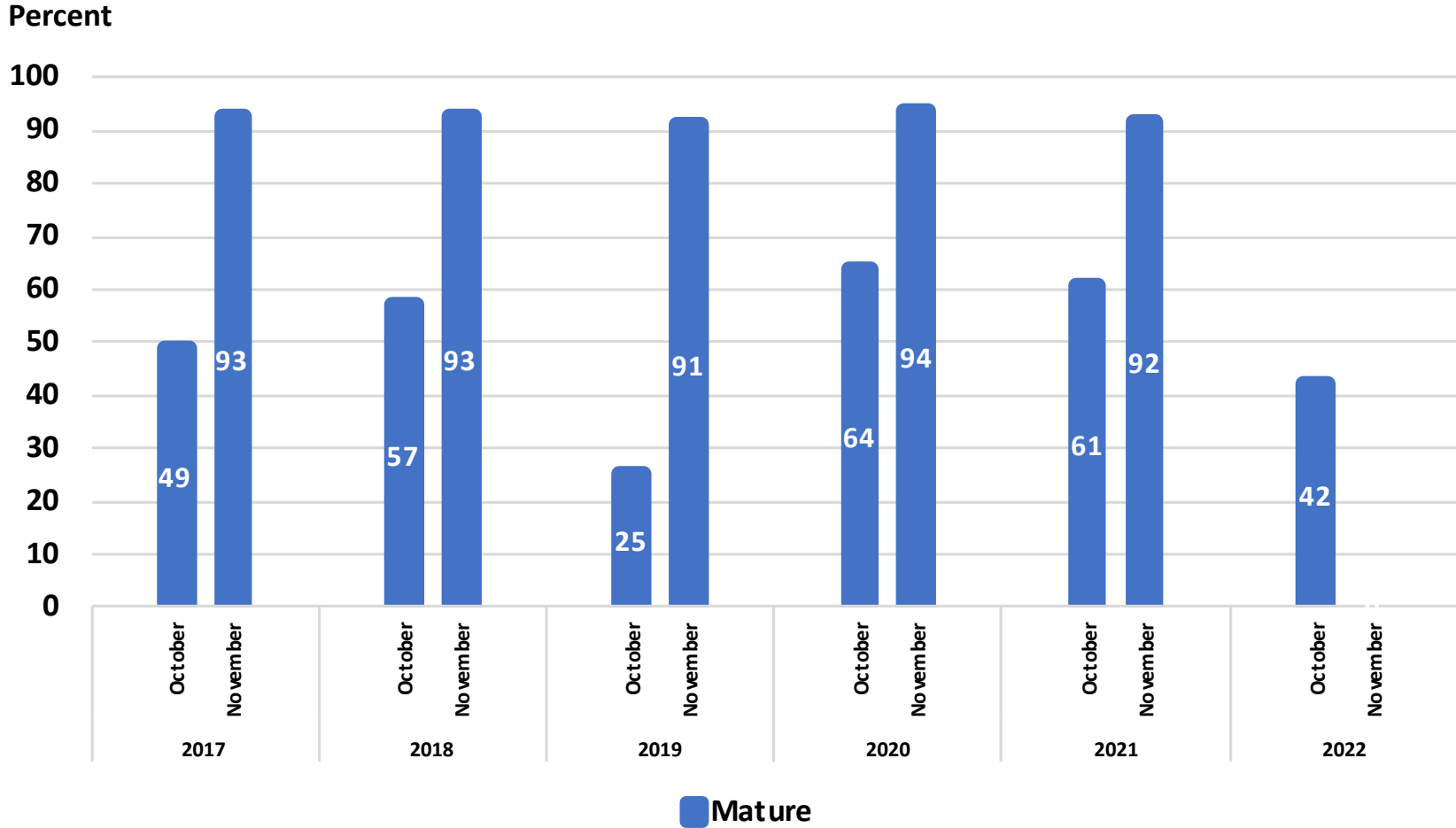
# October 2022 Soybeans

## NASA Terra MODIS Modeled Yield



# October 2022 Soybean Objective Yield

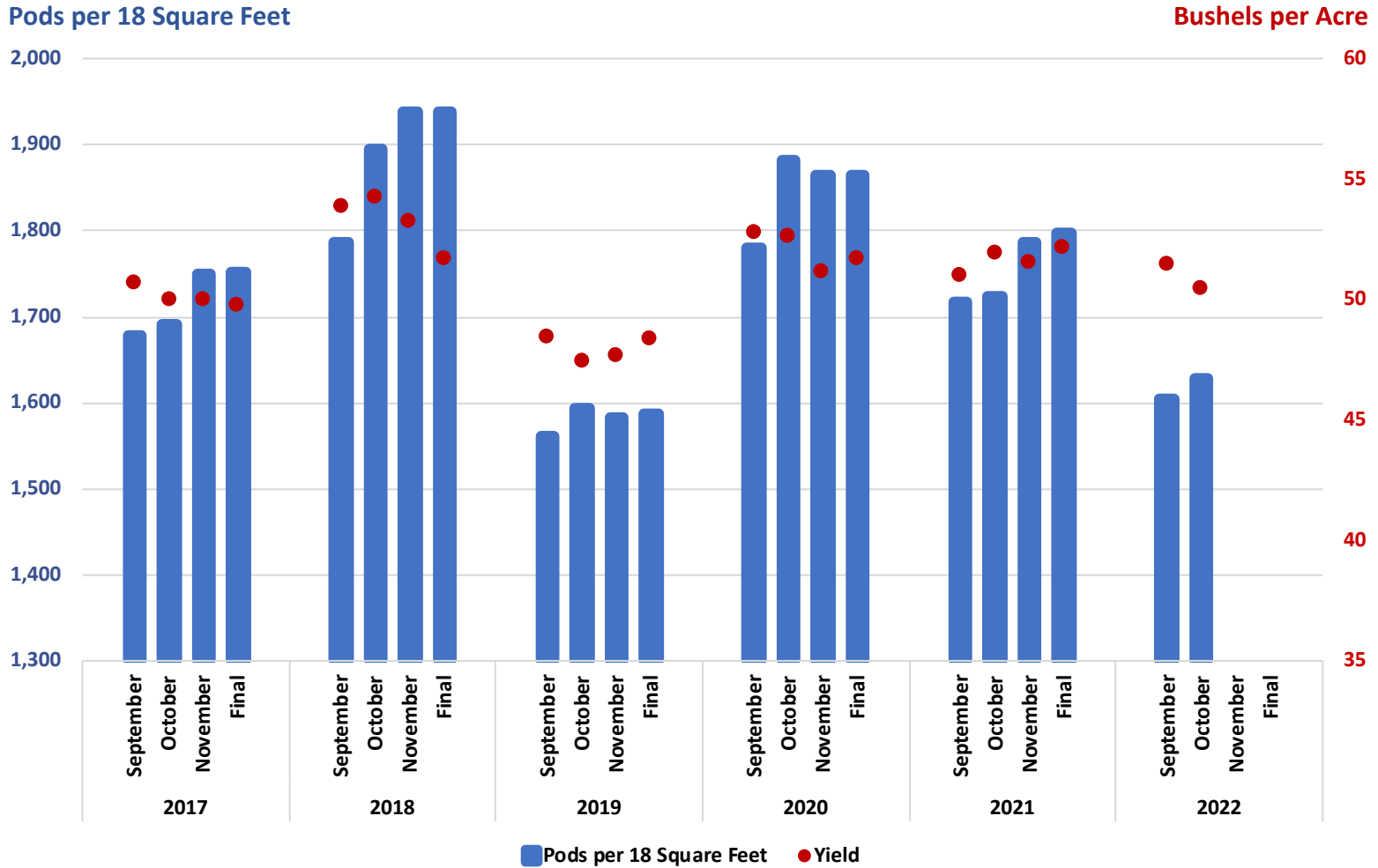
## Percent of Samples Processed in the Lab





# October 2022 Soybean Objective Yield

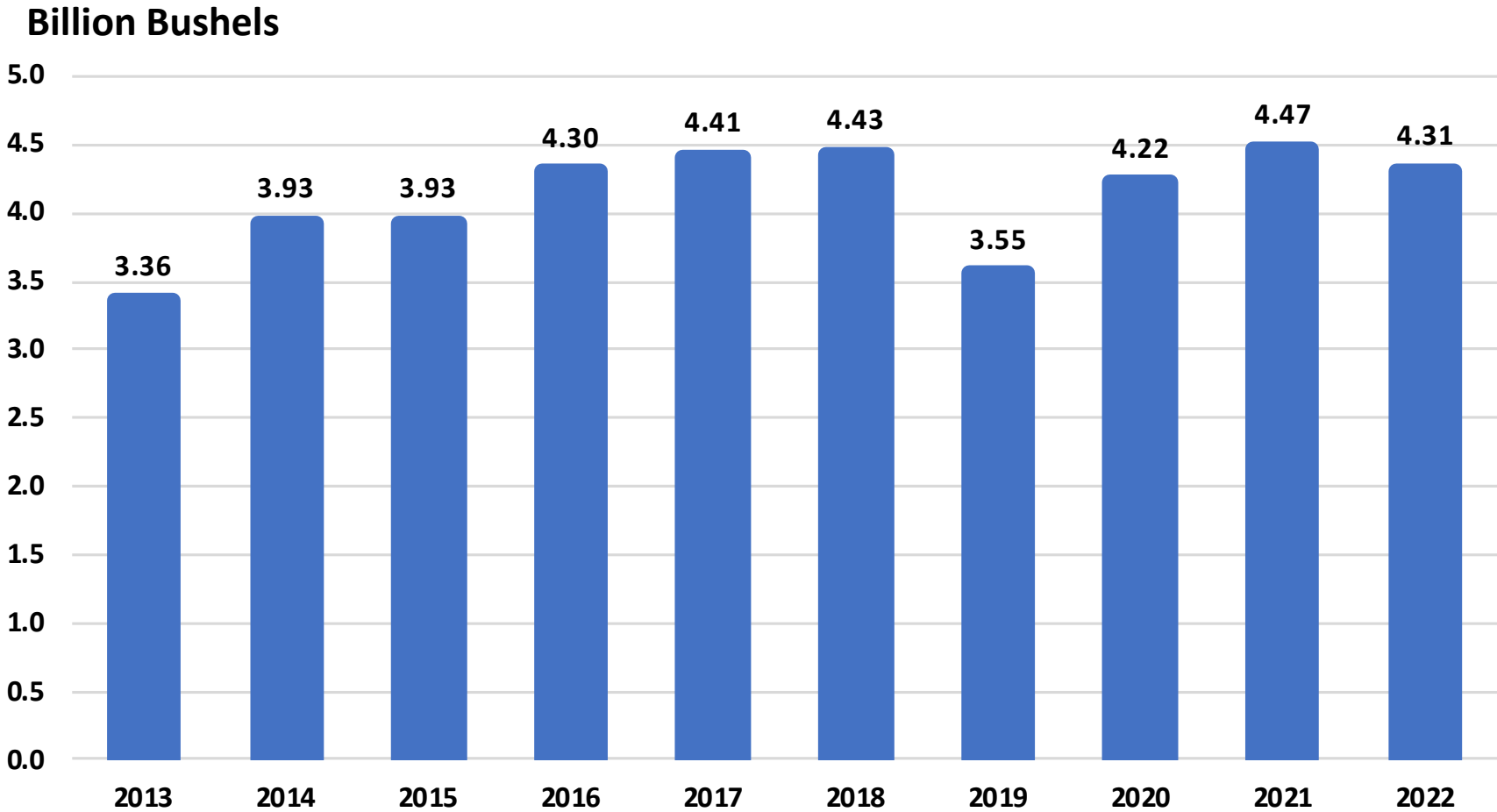
## Pods per 18 Square Feet and Yield for 11 State Region





# Soybean Production

## United States

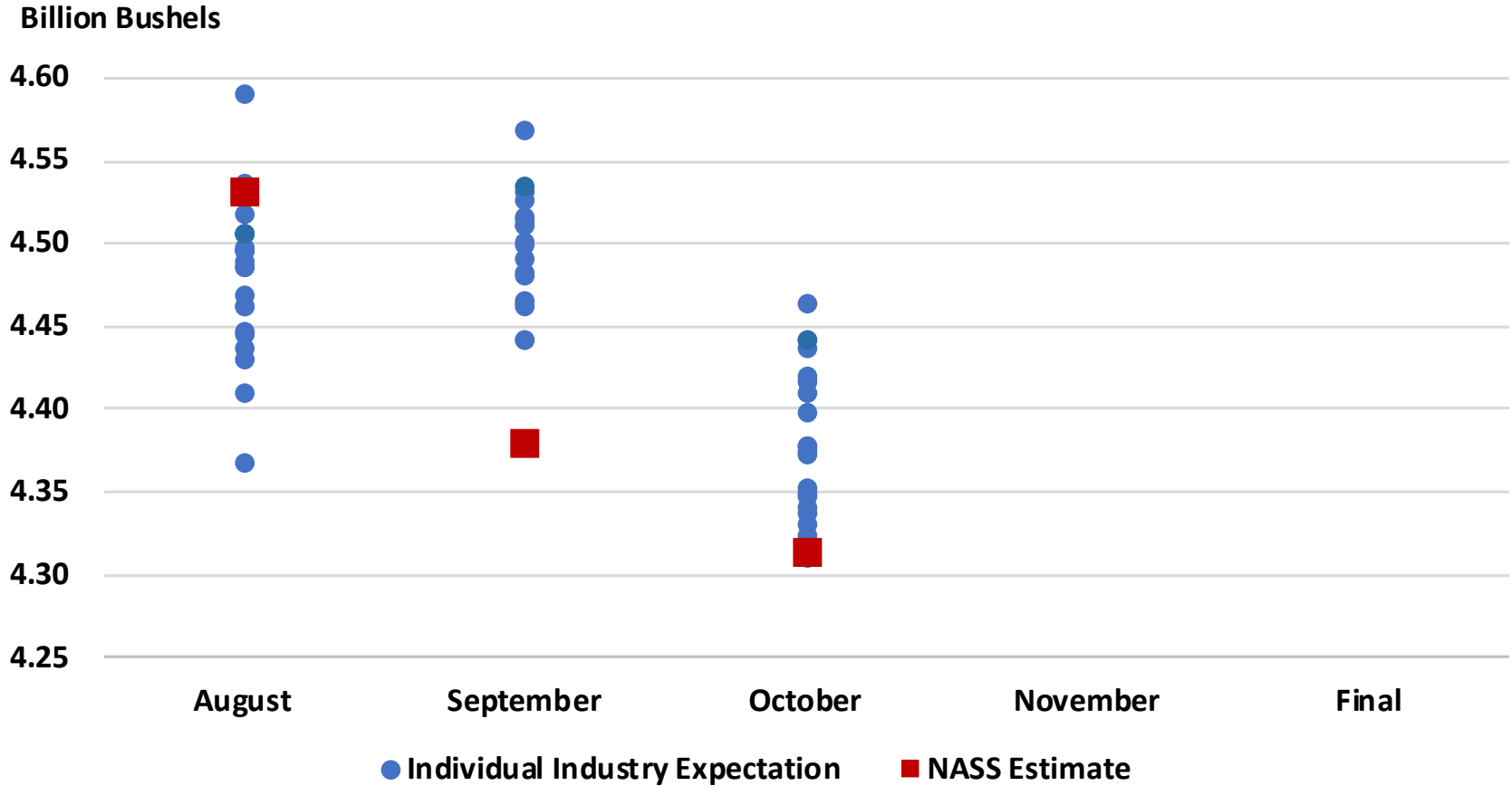






# 2022 U.S. Soybean Production

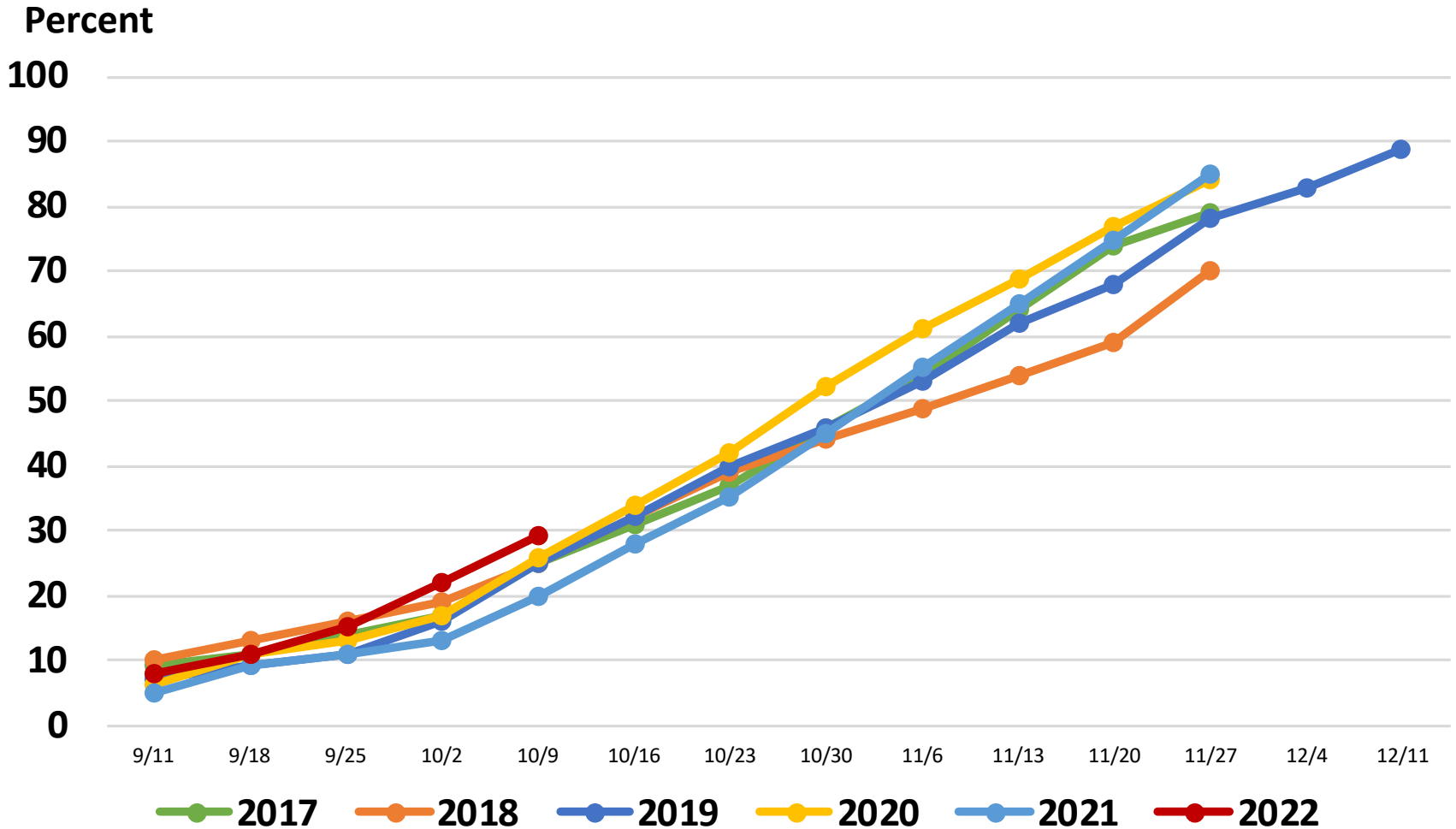
## Industry Expectations vs NASS





# United States Cotton Progress

## Percent Harvested





# October 2022 Cotton

## Acreage, Yield, and Production

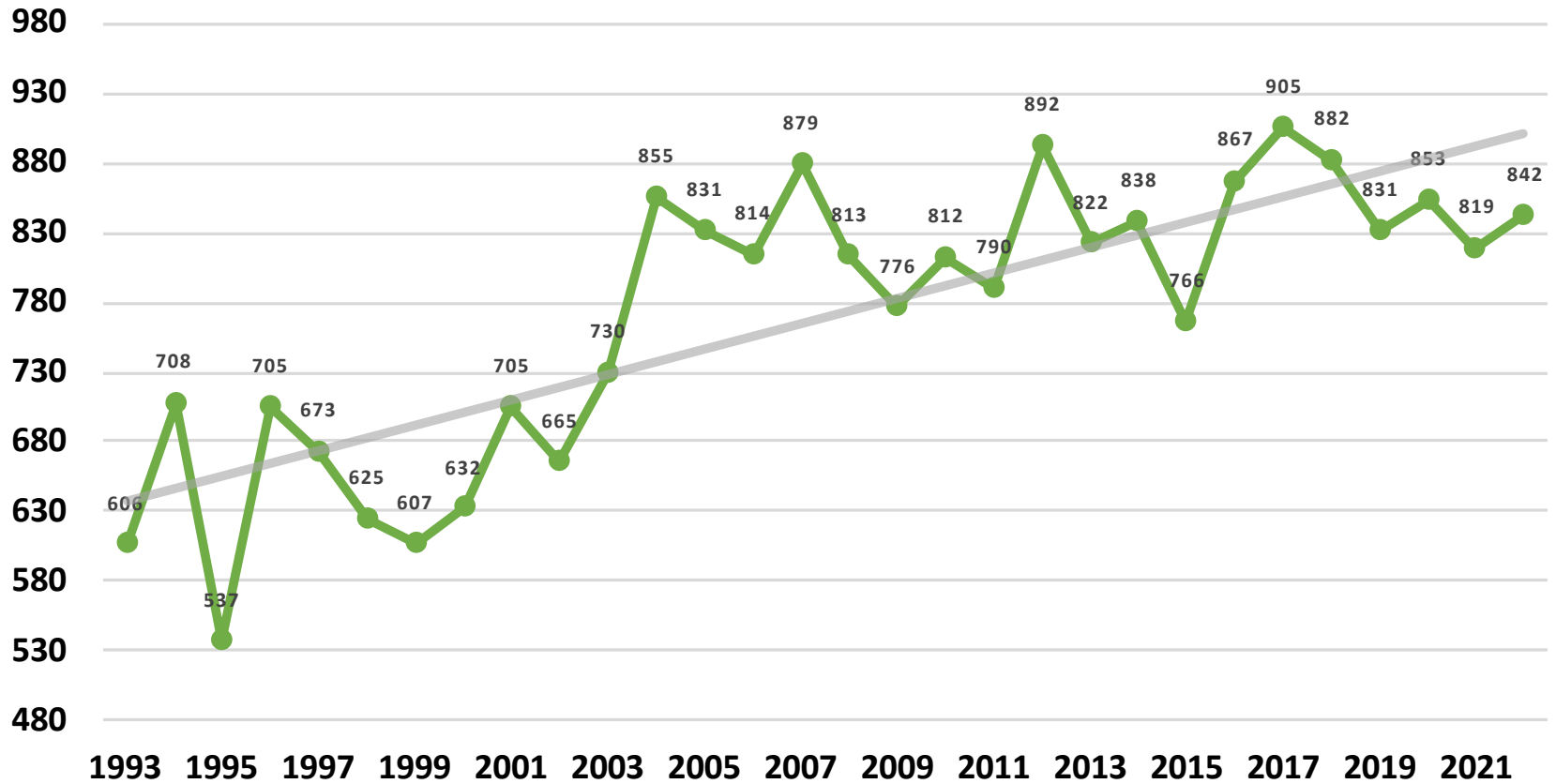
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
<b>United States</b>	<b>13,791</b>	<b>7,876</b>	<b>842</b>	<b>13,812</b>
% Change from Previous Estimate	NC	NC	↓ 0.1	↓ 0.1
% Change from Previous Season	↑ 23.0	↓ 23.3	↑ 2.8	↓ 21.2

Top 5 States - By Production										
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Pounds/Acre)		Production (1,000 Bales)			
		% Δ PY		% Δ PY		% Δ PY		% Δ PY		
Texas	7,933	↑ 24.6	2,530	↓ 54.5	654.0	↓ 1.8	3,445	↓ 55.4		
Georgia	1,290	↑ 10.3	1,280	↑ 10.3	900.0	↓ 1.5	2,400	↑ 8.6		
Arkansas	640	↑ 33.3	630	↑ 32.6	1,143.0	↓ 8.4	1,500	↑ 21.5		
Mississippi	530	↑ 19.1	525	↑ 22.1	1,006.0	↑ 0.9	1,100	↑ 23.2		
North Carolina	470	↑ 25.3	455	↑ 24.7	884.0	↓ 13.1	838	↑ 8.4		

# Cotton Yield

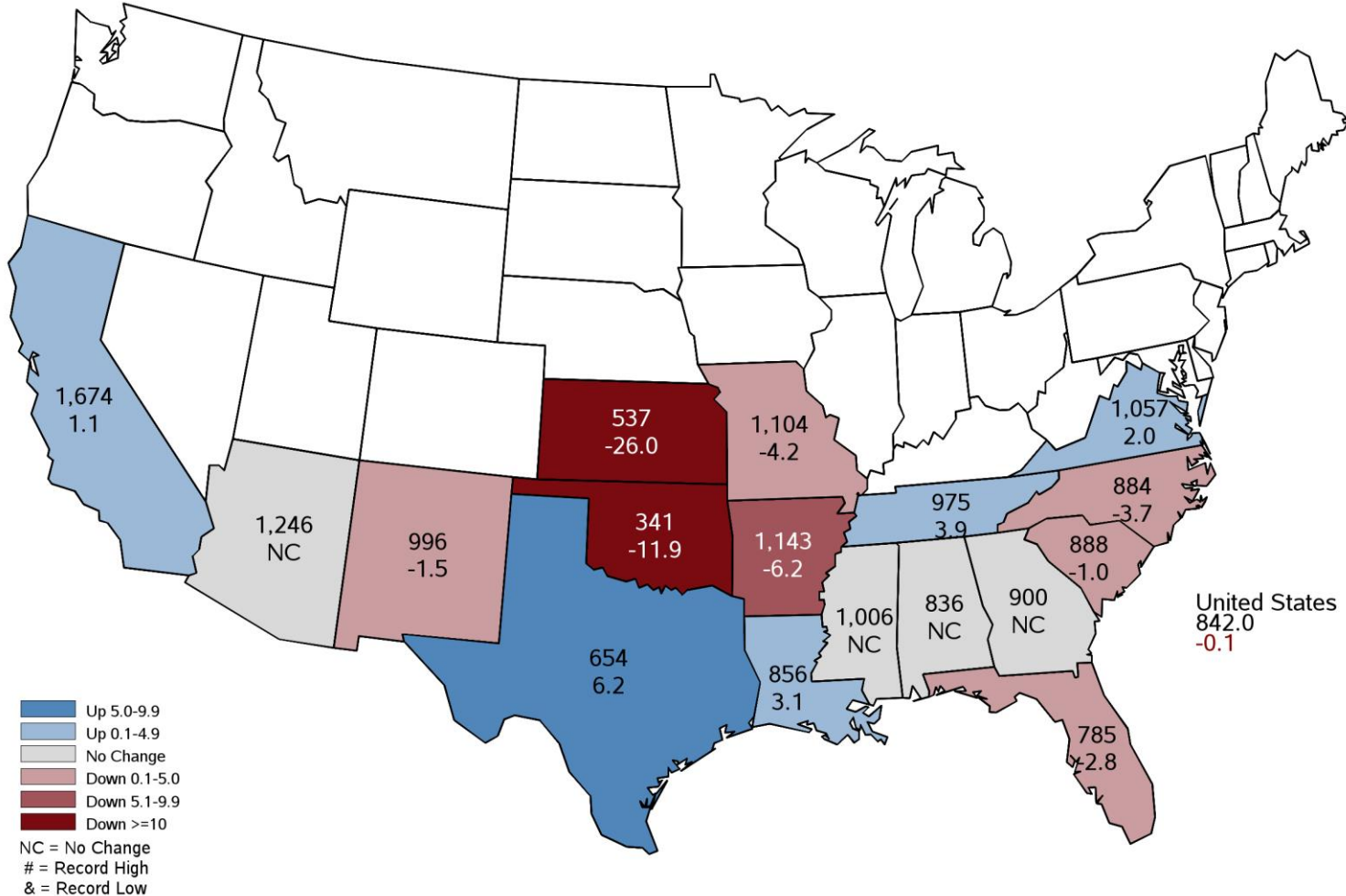
## United States

Pounds per Acre



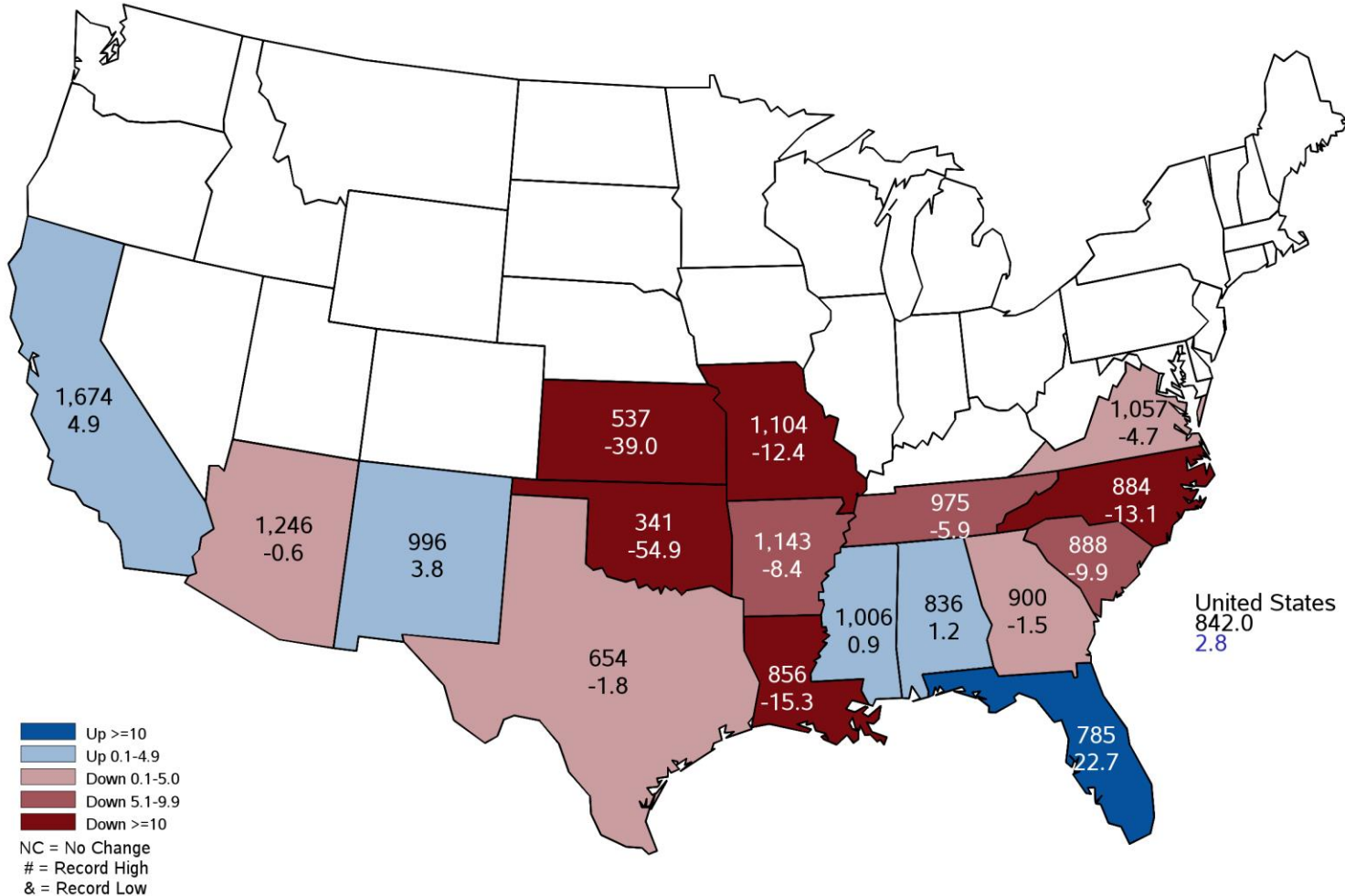
# October 2022 Cotton Yield

## Pounds and Percent Change from Previous Month



# October 2022 Cotton Yield

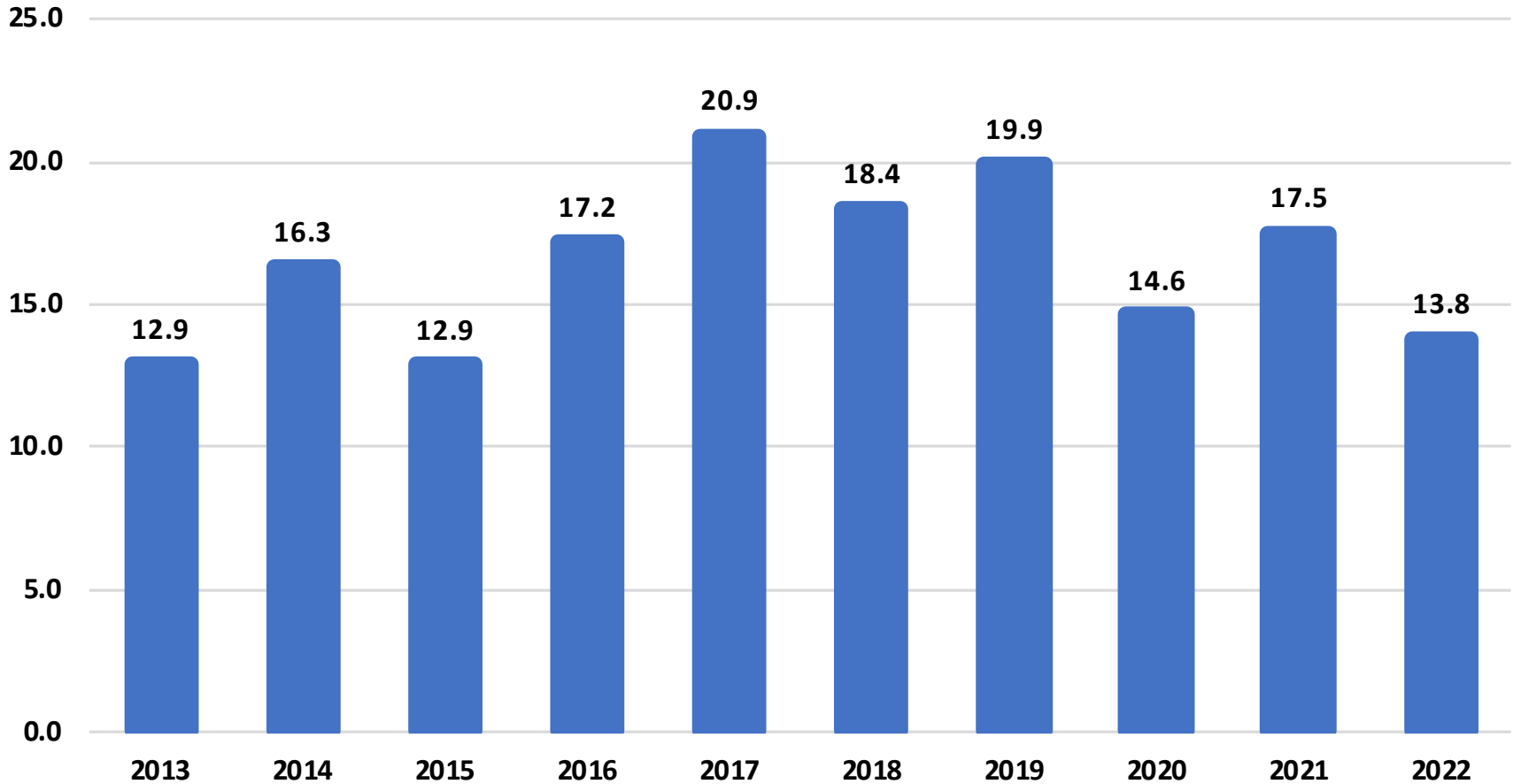
## Pounds and Percent Change from Previous Year



# Cotton Production

## United States

Million Bales

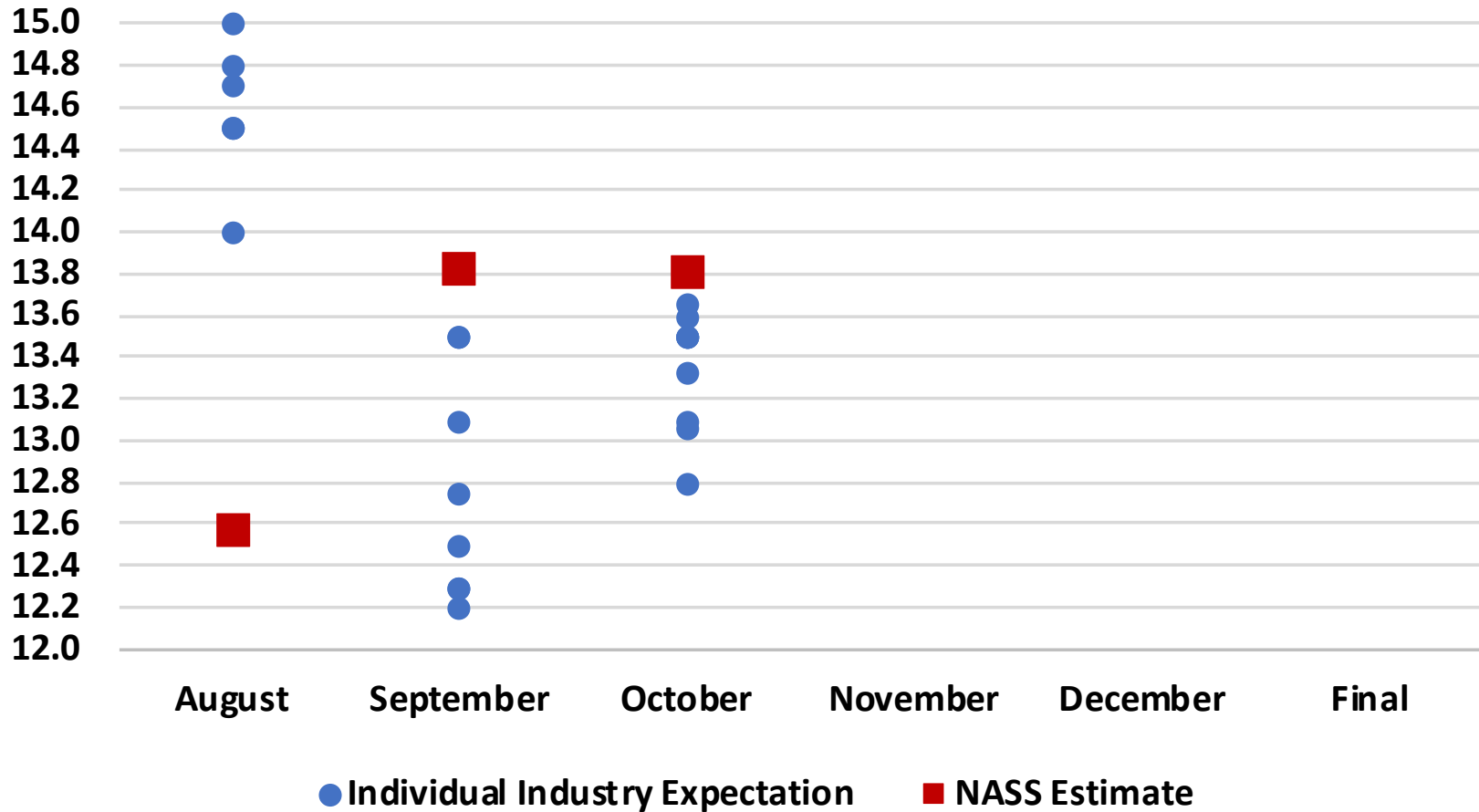




# 2022 U.S. Cotton Production

## Industry Expectations vs NASS

Million Bales







# October 2022 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>2,212</b>	<b>2,161</b>	<b>1,826</b>	<b>Lb</b>	<b>3,945,820</b>	<b>Lb</b>
% Change from Previous Estimate	↑ 13.0	↑ 13.0	N/A		N/A	
% Change from Previous Season	↑ 2.8	↑ 3.4	↑ 40.2		↑ 45.0	
<b>Dry Edible Beans</b>	<b>1,251</b>	<b>1,207</b>	<b>2,095</b>	<b>Lb</b>	<b>25,293</b>	<b>Cwt</b>
% Change from Previous Estimate	↓ 2.6	↓ 2.6	↑ 5.9		↑ 3.1	
% Change from Previous Season	↓ 10.3	↓ 9.6	↑ 23.1		↑ 11.3	
<b>Alfalfa Hay</b>	<b>N/A</b>	<b>15,465</b>	<b>3.16</b>	<b>Ton</b>	<b>48,820</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	NC	↓ 0.3		↓ 0.6	
% Change from Previous Season	N/A	↑ 1.4	↓ 2.2		↓ 0.9	
<b>Other Hay</b>	<b>N/A</b>	<b>36,042</b>	<b>1.75</b>	<b>Ton</b>	<b>63,241</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	NC	↓ 6.9		↓ 6.5	
% Change from Previous Season	N/A	↑ 1.6	↓ 12.5		↓ 10.9	
<b>Peanuts</b>	<b>1,459</b>	<b>1,411</b>	<b>4,090</b>	<b>Lb</b>	<b>5,771,000</b>	<b>Lb</b>
% Change from Previous Estimate	NC	NC	↓ 1.3		↓ 1.3	
% Change from Previous Season	↓ 7.7	↓ 8.4	↓ 1.0		↓ 9.3	



# October 2022 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>2,223</b>	<b>2,177</b>	<b>7,599</b>	<b>Lb</b>	<b>165,441</b>	<b>Cwt</b>
% Change from Previous Estimate	NC	NC	↑ 0.2		↑ 0.2	
% Change from Previous Season	↓ 12.2	↓ 12.5	↓ 1.4		↓ 13.7	
<b>Sorghum</b>	<b>6,365</b>	<b>5,480</b>	<b>44.6</b>	<b>Bu</b>	<b>244,555</b>	<b>Bu</b>
% Change from Previous Estimate	NC	NC	↓ 3.0		↓ 3.0	
% Change from Previous Season	↓ 12.9	↓ 15.6	↓ 35.4		↓ 45.4	
<b>Sugarbeets</b>	<b>1,173</b>	<b>1,149</b>	<b>28.8</b>	<b>Ton</b>	<b>33,069</b>	<b>Ton</b>
% Change from Previous Estimate	NC	NC	↓ 0.7		↓ 0.8	
% Change from Previous Season	↑ 1.1	↑ 3.7	↓ 13.3		↓ 10.0	
<b>Sugarcane</b>	<b>N/A</b>	<b>921</b>	<b>37.1</b>	<b>Ton</b>	<b>34,157</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	↑ 0.3	↑ 0.5		↑ 0.9	
% Change from Previous Season	N/A	↓ 1.6	↑ 5.7		↑ 4.0	
<b>Sunflower</b>	<b>1,691</b>	<b>1,633</b>	<b>1,782</b>	<b>Lb</b>	<b>2,910,450</b>	<b>Lb</b>
% Change from Previous Estimate	↑ 1.4	↑ 1.9	N/A		N/A	
% Change from Previous Season	↑ 31.0	↑ 31.1	↑ 16.5		↑ 52.8	



# October 2022 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>Tobacco</b>	N/A	206	2,116	Lb	434,965	Lb
% Change from Previous Estimate	N/A	↓ 2.4	↑ 0.8		↓ 1.7	
% Change from Previous Season	N/A	↓ 6.1	↓ 3.1		↓ 9.0	

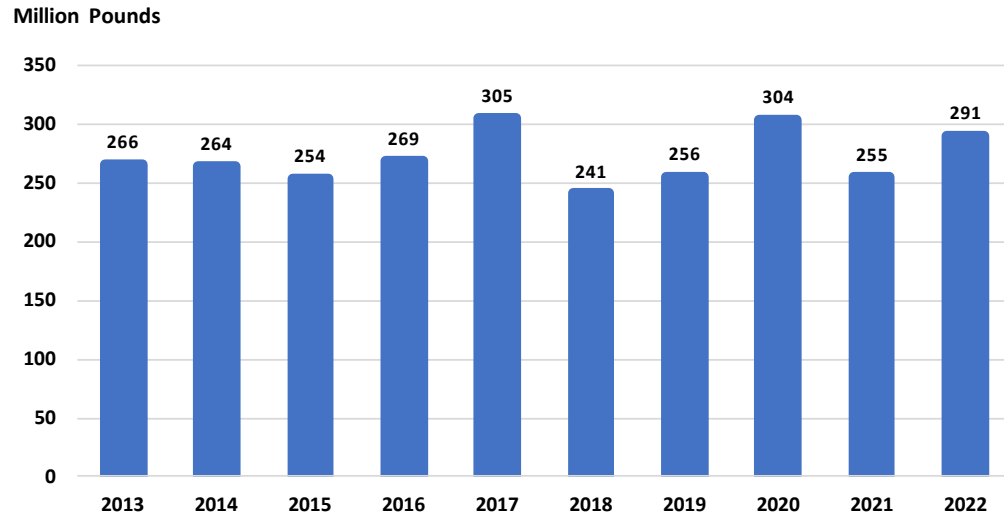


# October 2022 Noncitrus Fruits and Nuts Production



	Production (1,000 Units)	Unit
<b>Pecans</b>	<b>290,500</b>	<b>Lb</b>
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 13.8	

**Pecan Production  
United States**



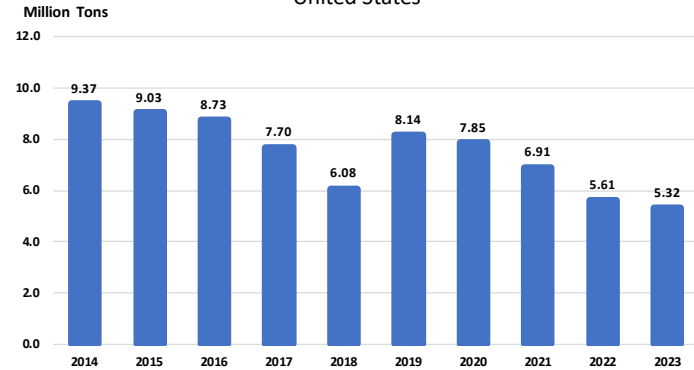
# October 2022 Citrus Utilized Production

## Production

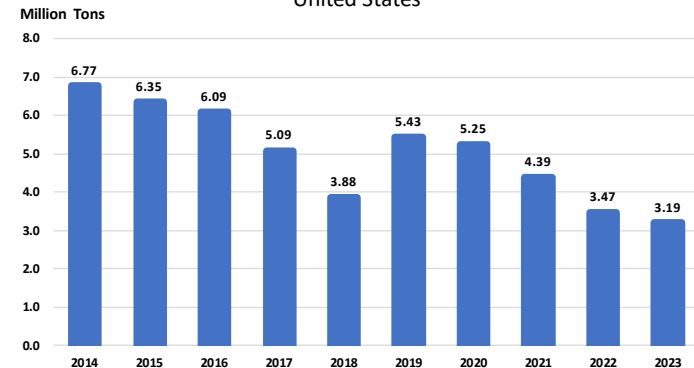
(1,000 Tons)

<b>All Oranges</b>	<b>3,193</b>
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 8.0
<b>Non-Valencia Oranges</b>	<b>2,053</b>
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 2.2
<b>Valencia Oranges</b>	<b>1,140</b>
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 16.8
<b>Grapefruit</b>	<b>329</b>
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 12.0
<b>Lemons</b>	<b>966</b>
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 6.6
<b>Tangerines</b>	<b>833</b>
% Change from Previous Estimate	N/A
% Change from Previous Season	↑ 13.8

All Citrus Production  
United States



All Orange Production  
United States





# Selected Upcoming Reports



<b>October 21</b>	<b>Cattle on Feed Cotton Ginnings Rice Stocks</b>
<b>October 31</b>	<b>Agricultural Prices</b>
<b>November 1</b>	<b>Cotton System Fats &amp; Oils Flour Milling Grain Crushings</b>
<b>November 9</b>	<b>Cotton Ginnings Crop Production</b>

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



# USDA Data Users' Meeting



## 2022 USDA Fall Virtual Data Users' Meeting

November 15, 2022

**FREE AND OPEN TO THE PUBLIC**



## USDA Fall Data Users' Meeting

November 15, 2022

12:00 p.m. – 3:30 p.m. ET

Registration Information Coming Soon



## STAT CHAT SERIES

Join @usda\_nass on Twitter using #StatChat to discuss the *Crop Production* report with NASS Crops Branch Chief Lance Honig.

WED, OCT. 12 @ 1PM ET

You can tweet questions in advance to @usda\_nass.



## #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)**