



---

# September Crop Production

## Agricultural Statistics Board Briefing

**Lance Honig, Chief  
Crops Branch**

September 12, 2023



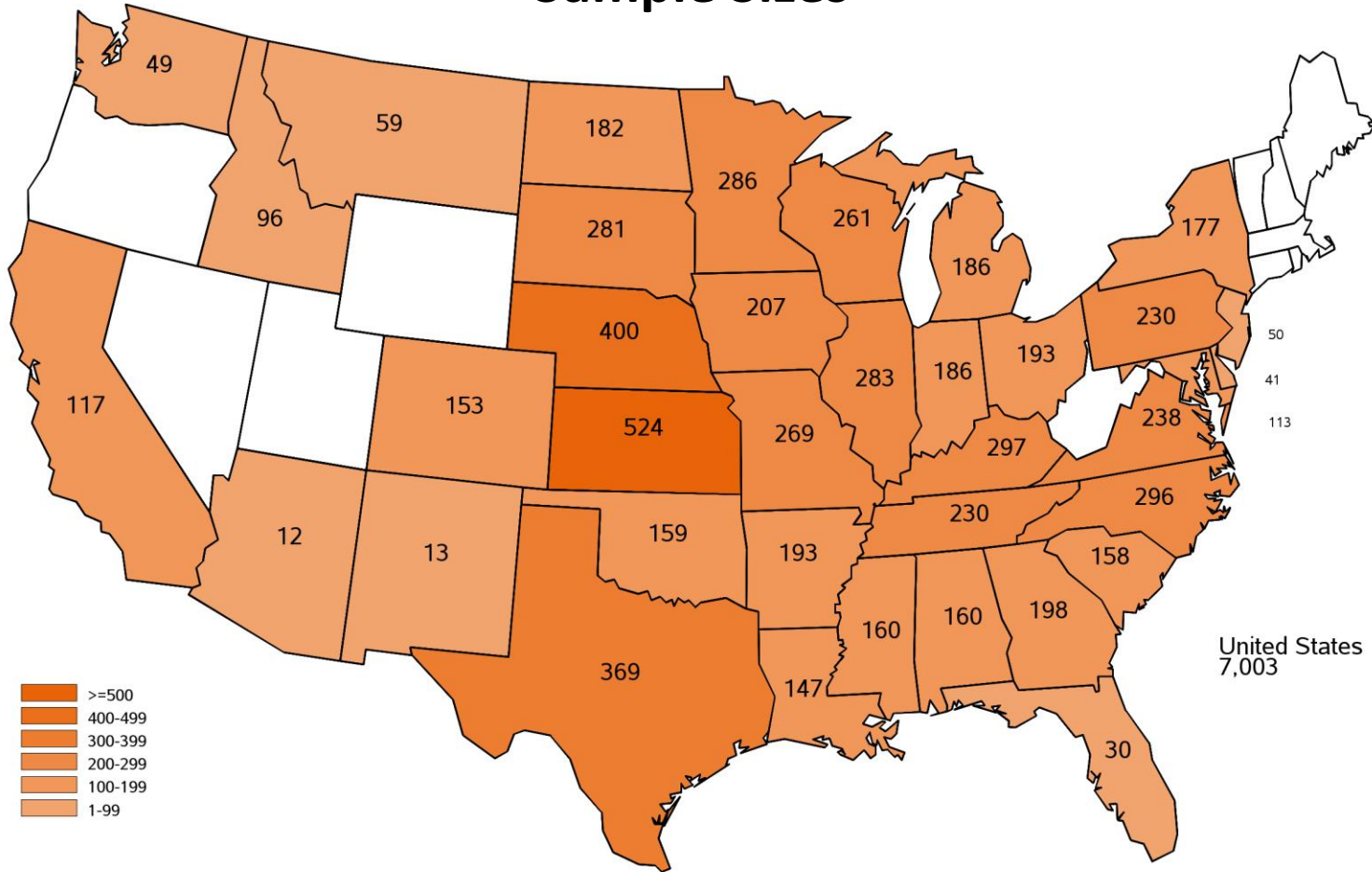
# Data Sources



<b>Operator Reported Survey</b>	<b>Ag Yield</b>	<b>Sample Size = 7,003</b>	<b>August 30 - September 7</b>
<b>Field Survey</b>	<b>Objective Yield Corn, Cotton, Soybeans</b>	<b>Sample Size = 3,930</b>	<b>August 25 - September 1</b>
<b>Remotely Sensed (Satellite)</b>	<b>Time Series 250 Meter MODIS Satellite Data</b>	<b>Focus Area Corn Belt</b>	<b>Imagery Through August 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>		

# September 2023 Ag Yield Survey

## Sample Sizes





# Special Note

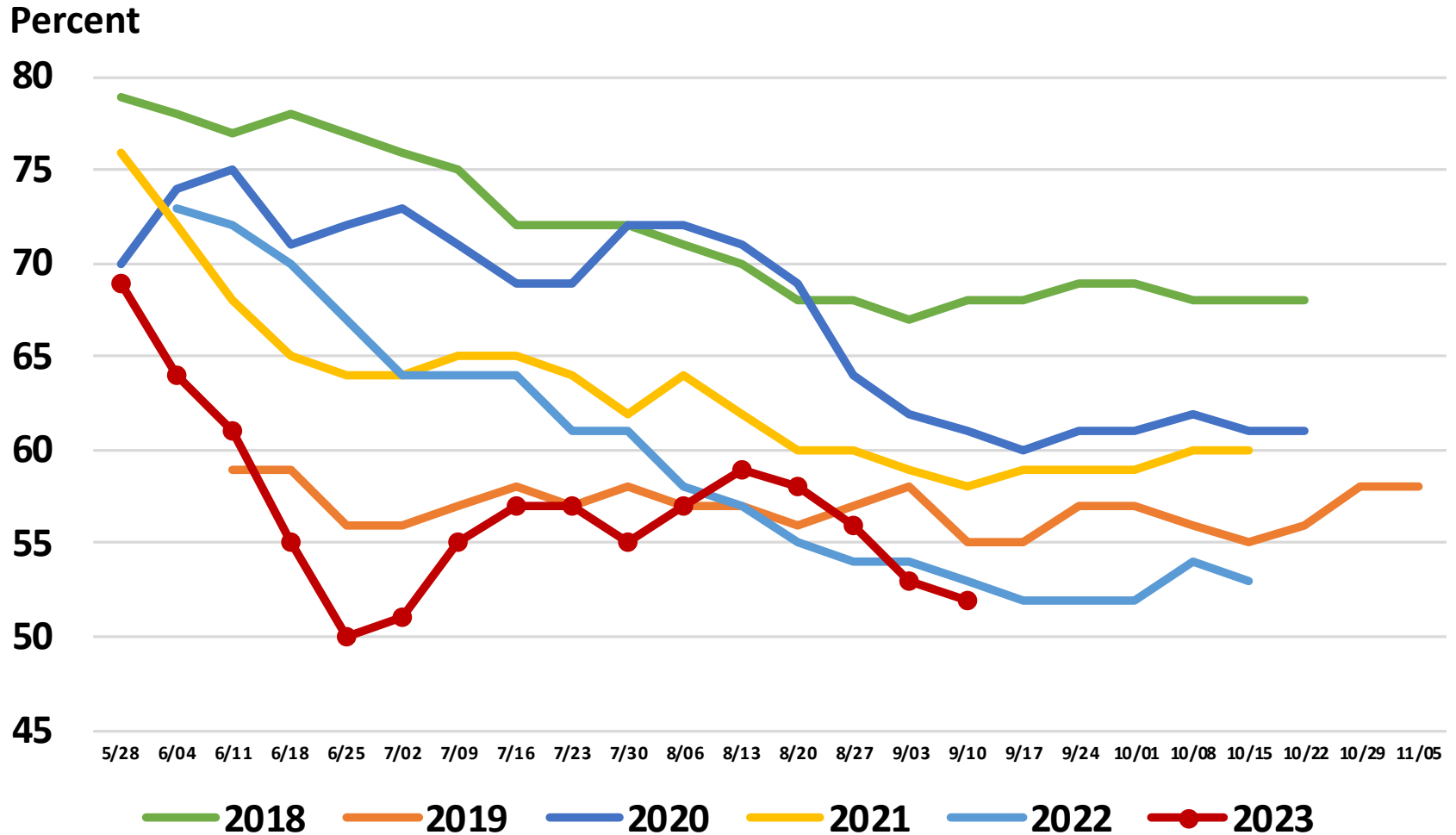


Each September, NASS has the opportunity to revise planted and harvested acreage estimates for chickpeas, corn, cotton, dry edible peas, lentils, peanuts, rice, sorghum, soybeans, and sugarbeets. Revisions are based on all available data, including the latest certified acreage data from the Farm Service Agency (FSA). All States in the estimating program for these crops were subject to review and updating.



# United States Corn Condition

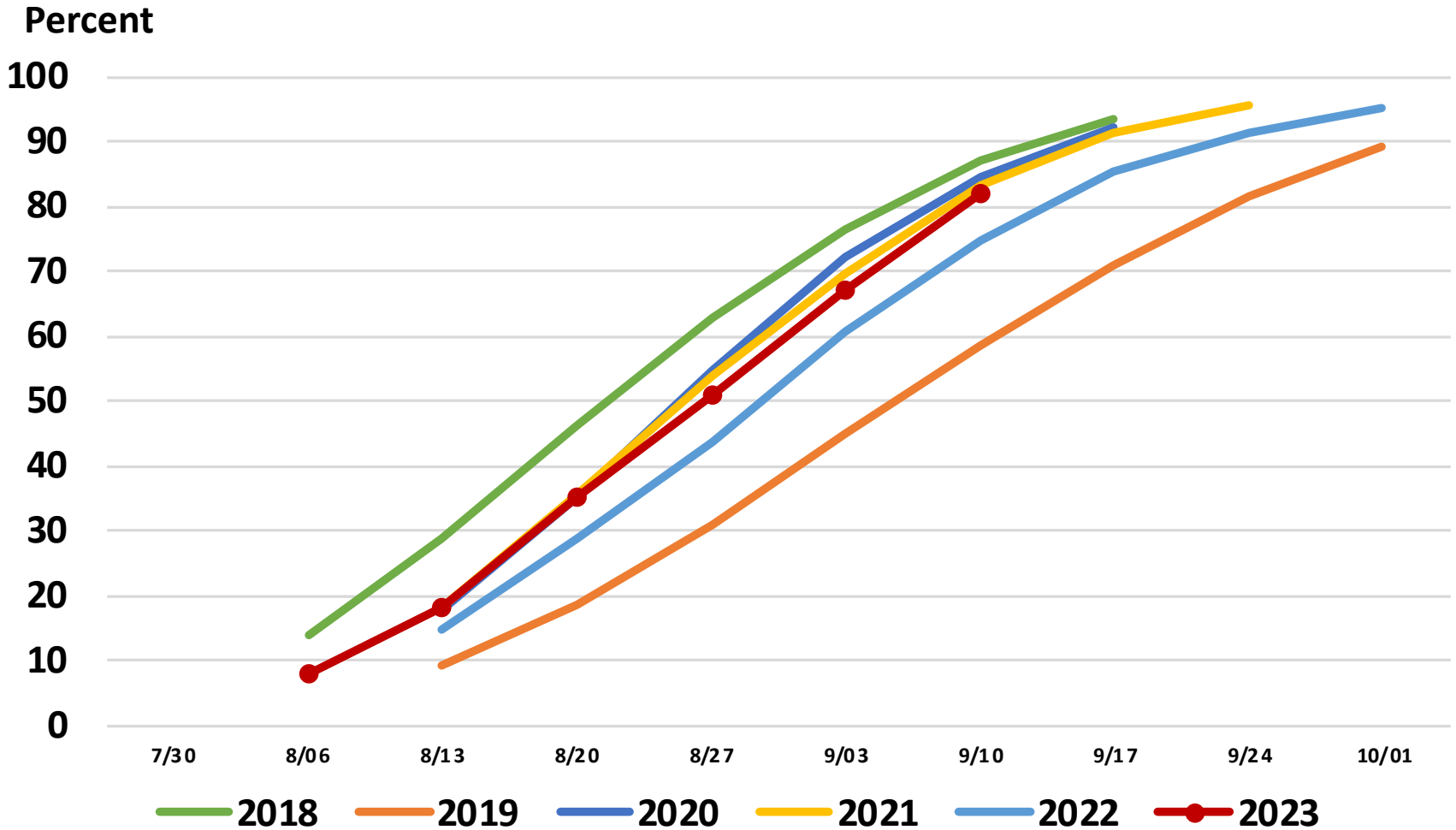
## Percent Rated Good to Excellent





# United States Corn Progress

## Percent Dented





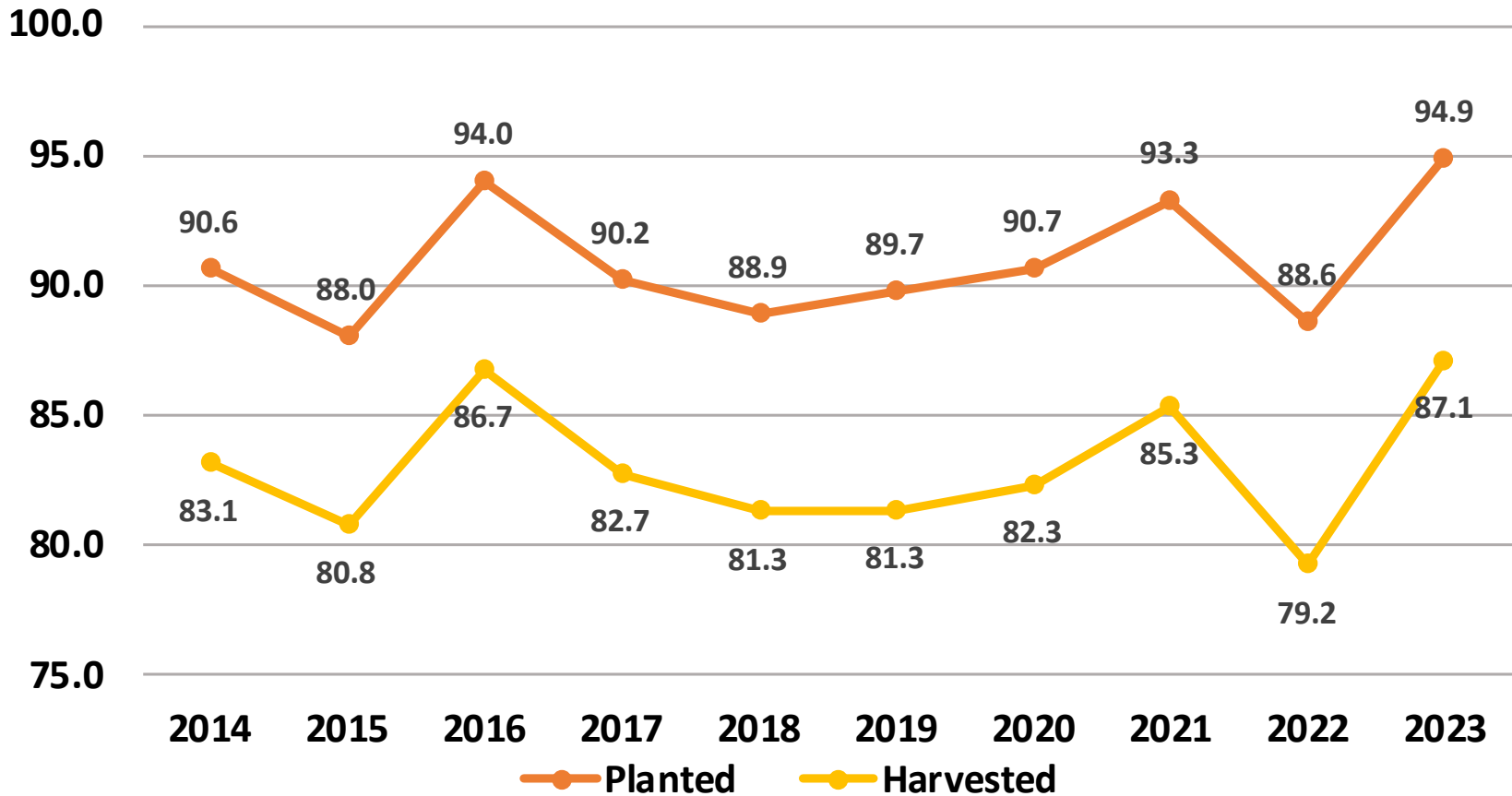
# September 2023 Corn Acreage, Yield, and Production

	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
<b>United States</b>	<b>94,868</b>		<b>87,096</b>		<b>173.8</b>		<b>15,133,911</b>	
% Change from Previous Estimate	↑	0.8	↑	0.9	↓	0.7	↑	0.2
% Change from Previous Season	↑	7.1	↑	10.0	↑	0.3	↑	10.2

	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	13,100	↑ 1.6	12,600	↑ 1.6	200	NC	2,520,000	↑ 1.6
Illinois	11,200	↑ 3.7	11,000	↑ 3.8	198	↓ 7.5	2,178,000	↓ 4.0
Nebraska	9,950	↑ 3.6	9,590	↑ 8.7	177	↑ 7.3	1,697,430	↑ 16.6
Minnesota	8,600	↑ 7.5	8,200	↑ 9.5	180	↓ 7.7	1,476,000	↑ 1.1
Indiana	5,500	↑ 4.8	5,380	↑ 4.9	194	↑ 2.1	1,043,720	↑ 7.1

# Corn Acres United States

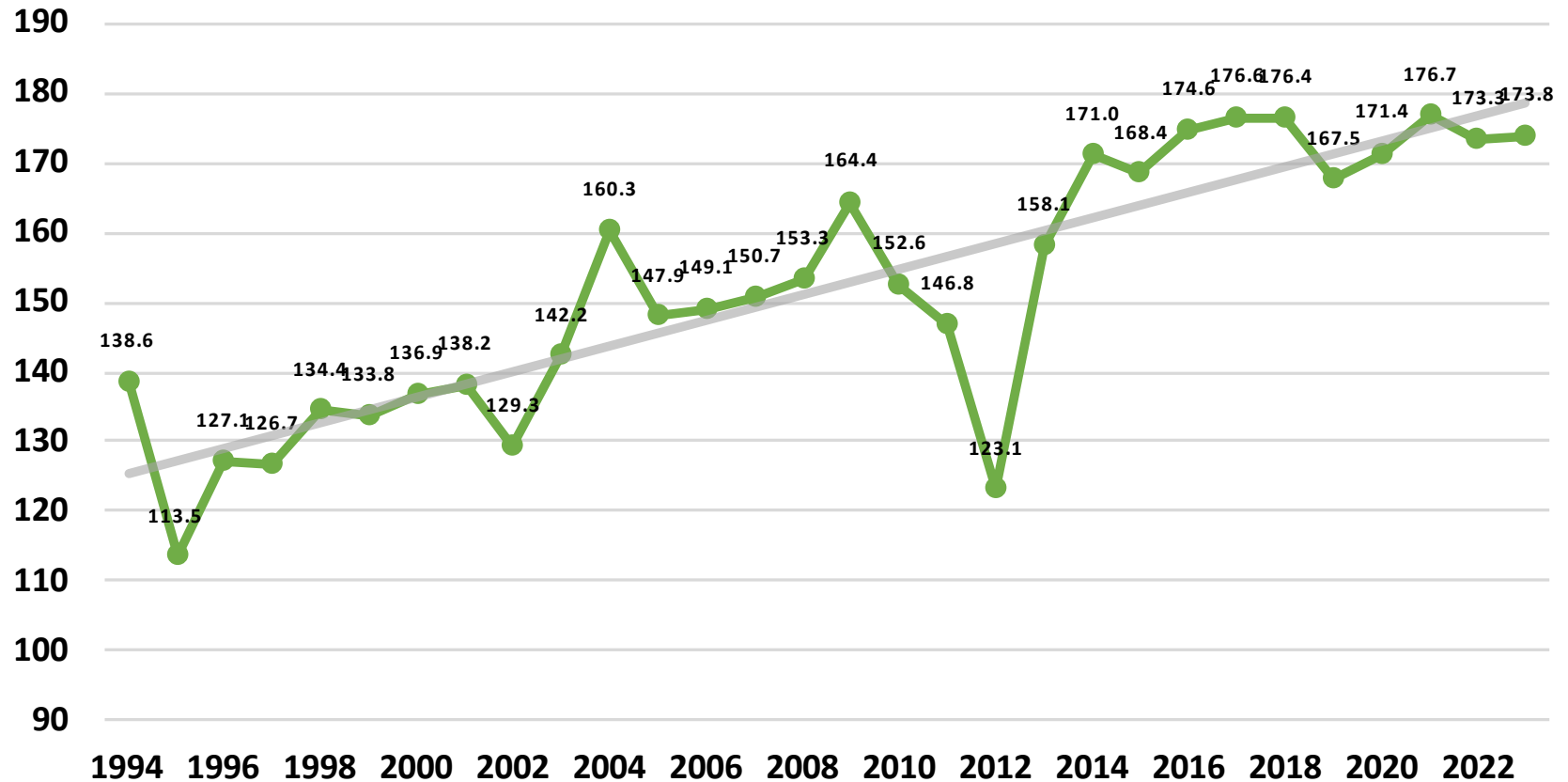
Million Acres





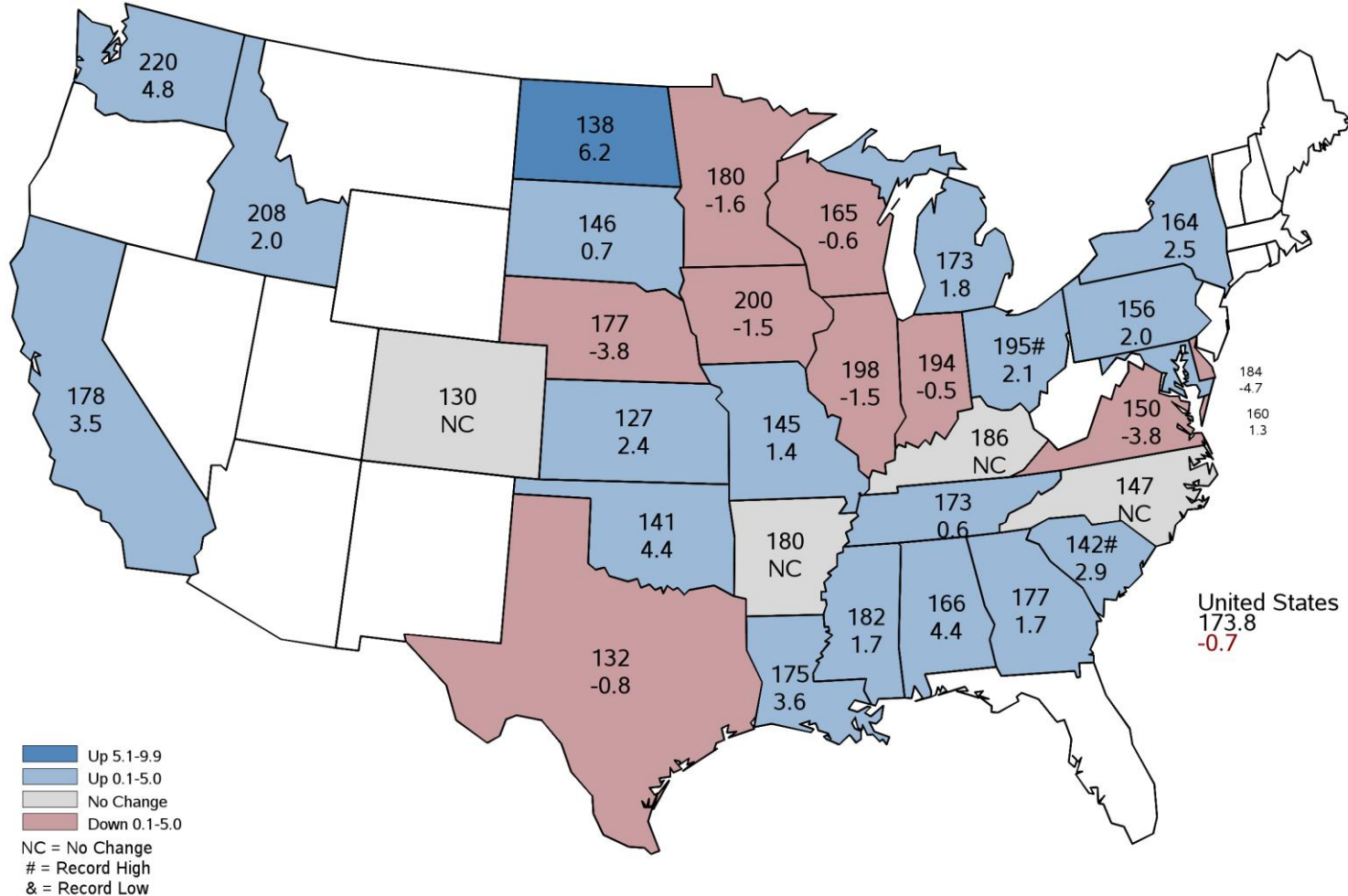
# Corn Yield United States

Bushels per Acre



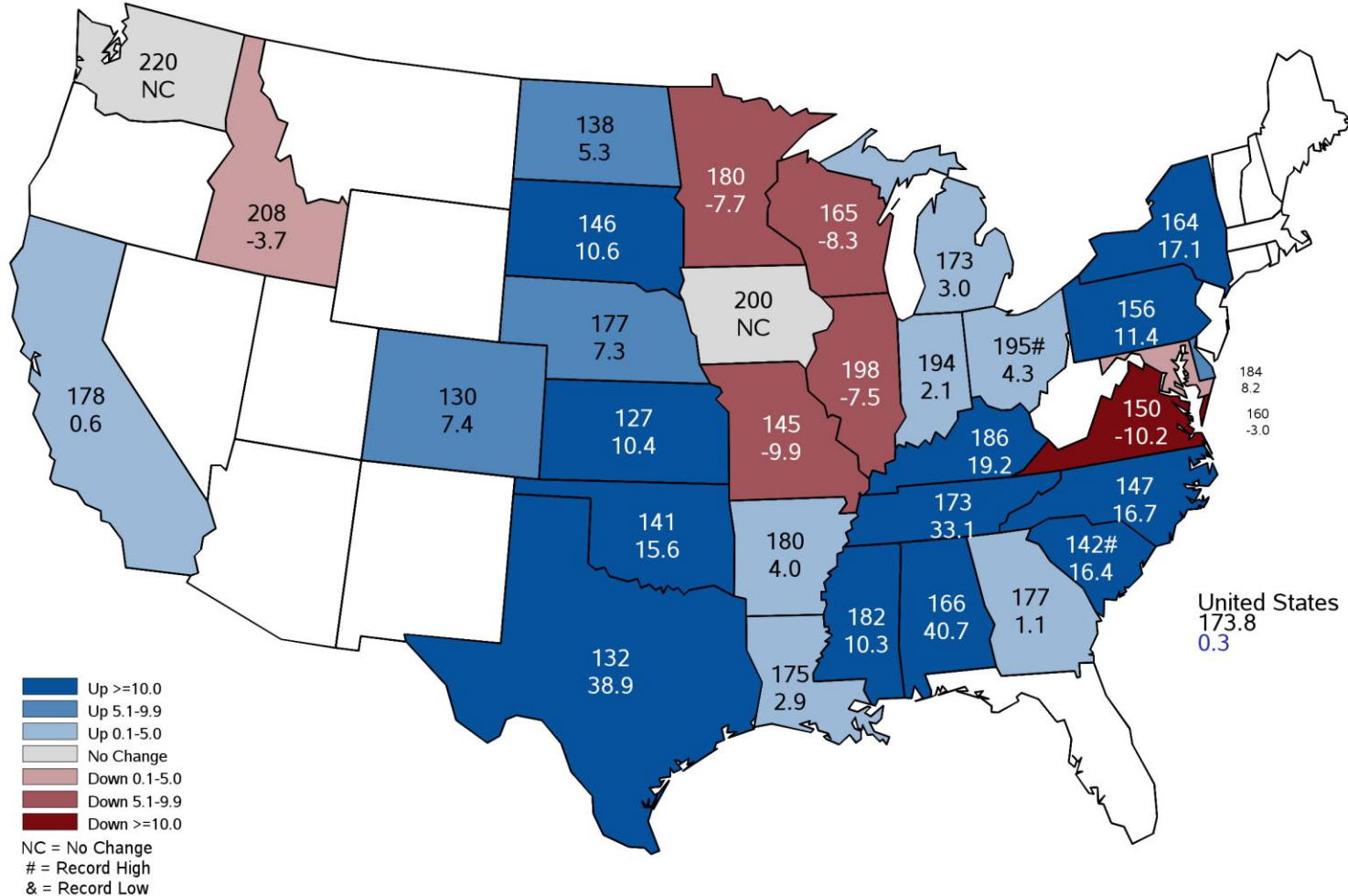
# September 2023 Corn Yield

## Bushels and Percent Change from Previous Month

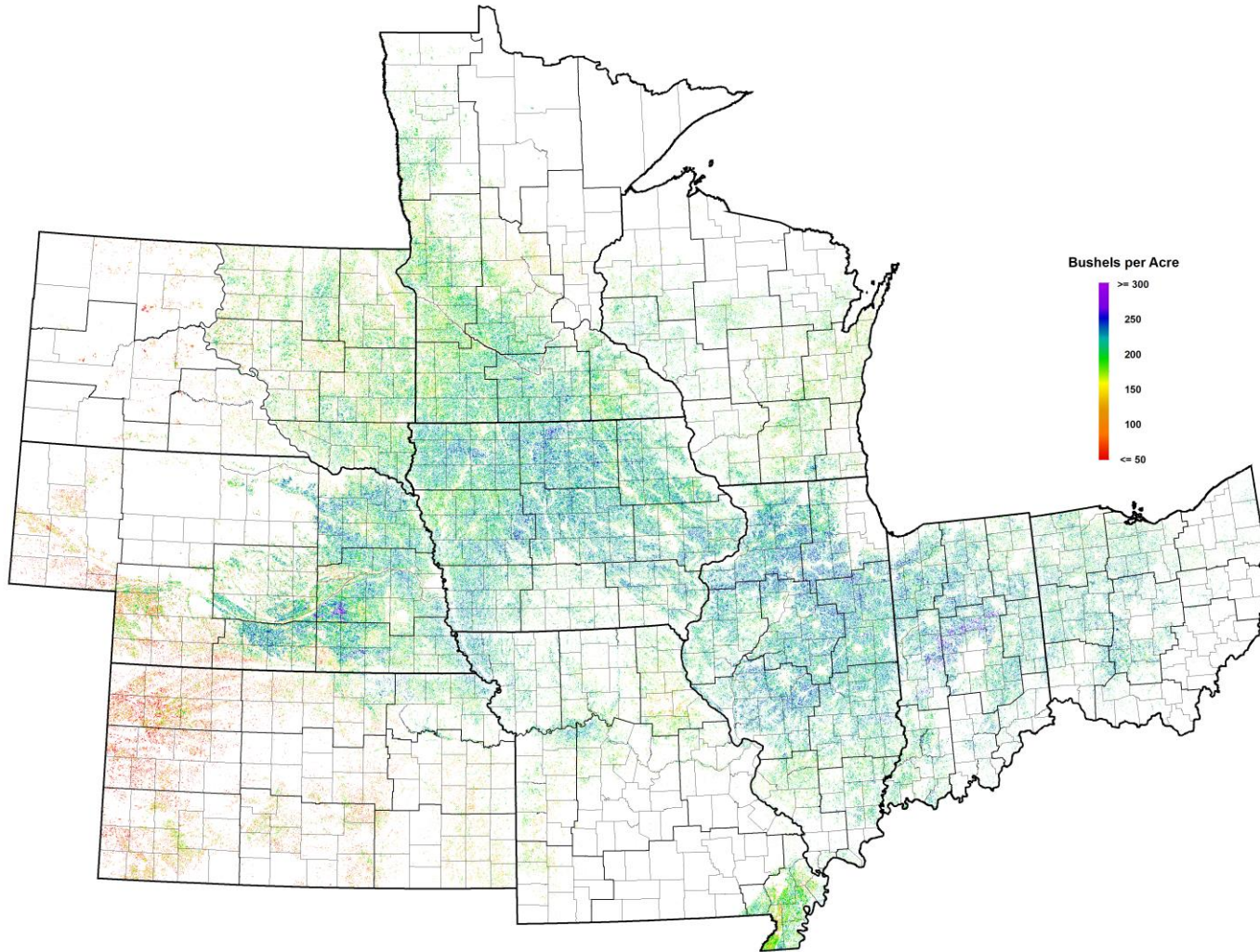


# September 2023 Corn Yield

## Bushels and Percent Change from Previous Year



# September 2023 Corn NASA Terra MODIS Modeled Yield



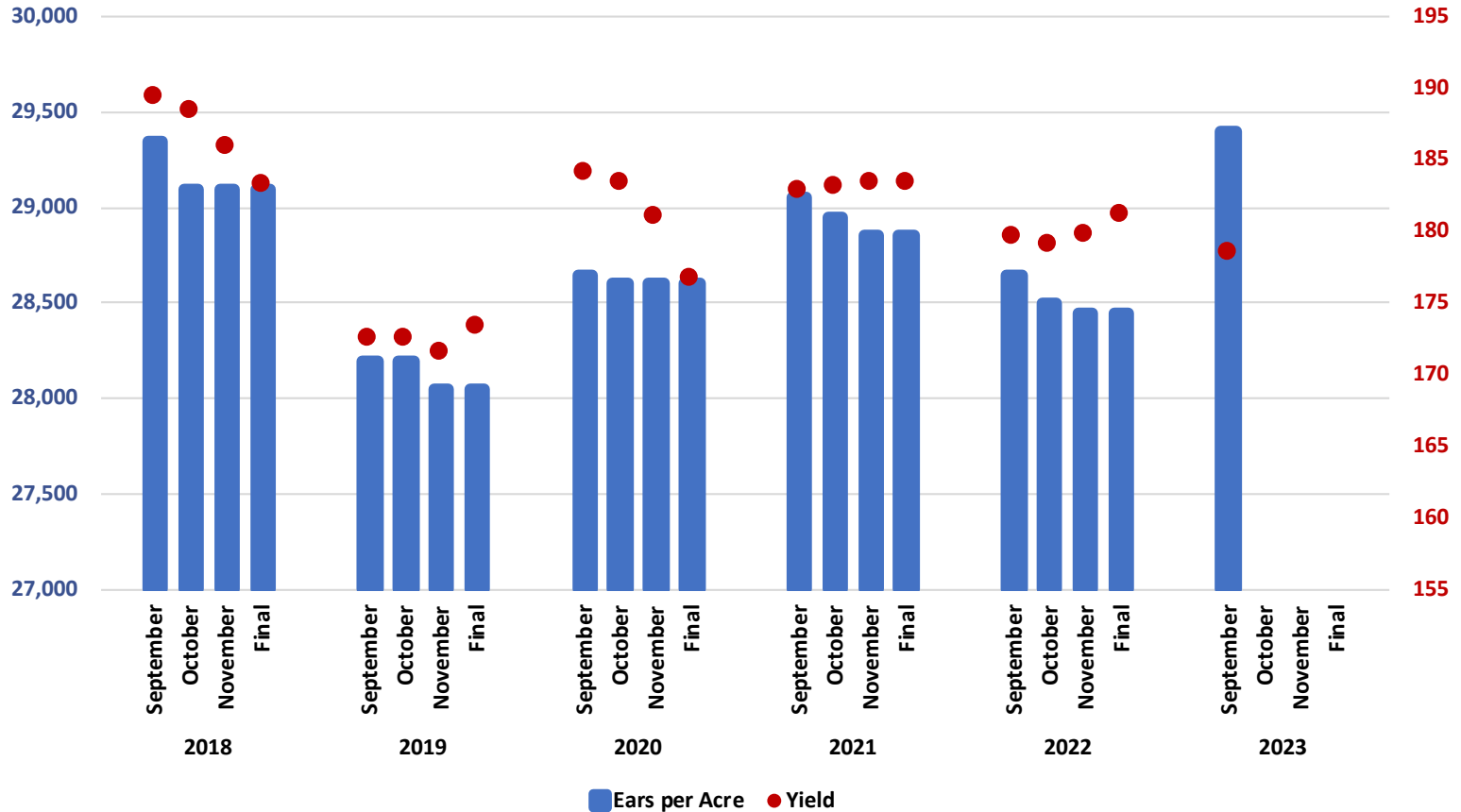


# September 2023 Corn Objective Yield

## Ears per Acre and Yield for 10 State Region

Ears per Acre

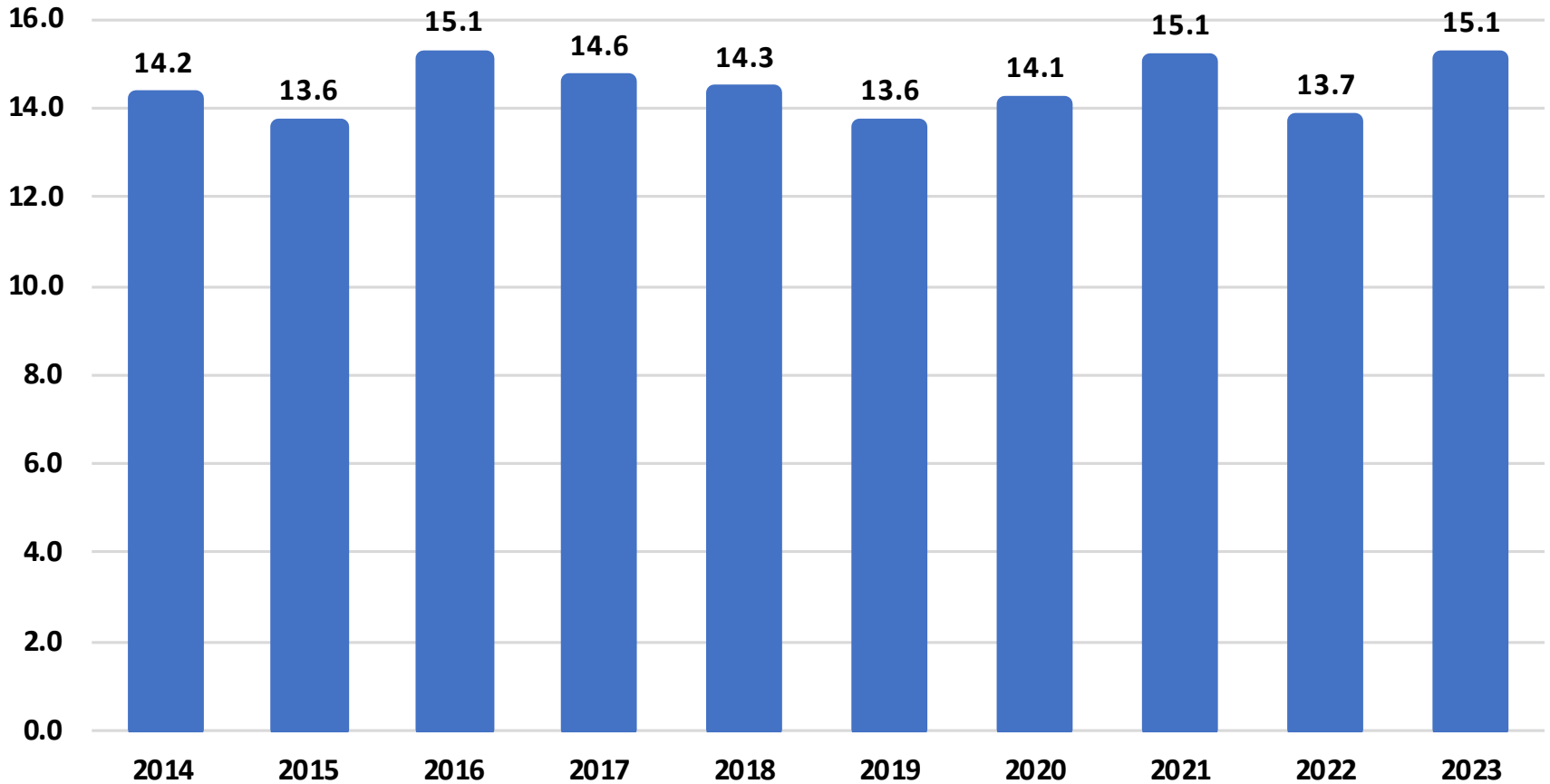
Bushels per Acre



# Corn Production

## United States

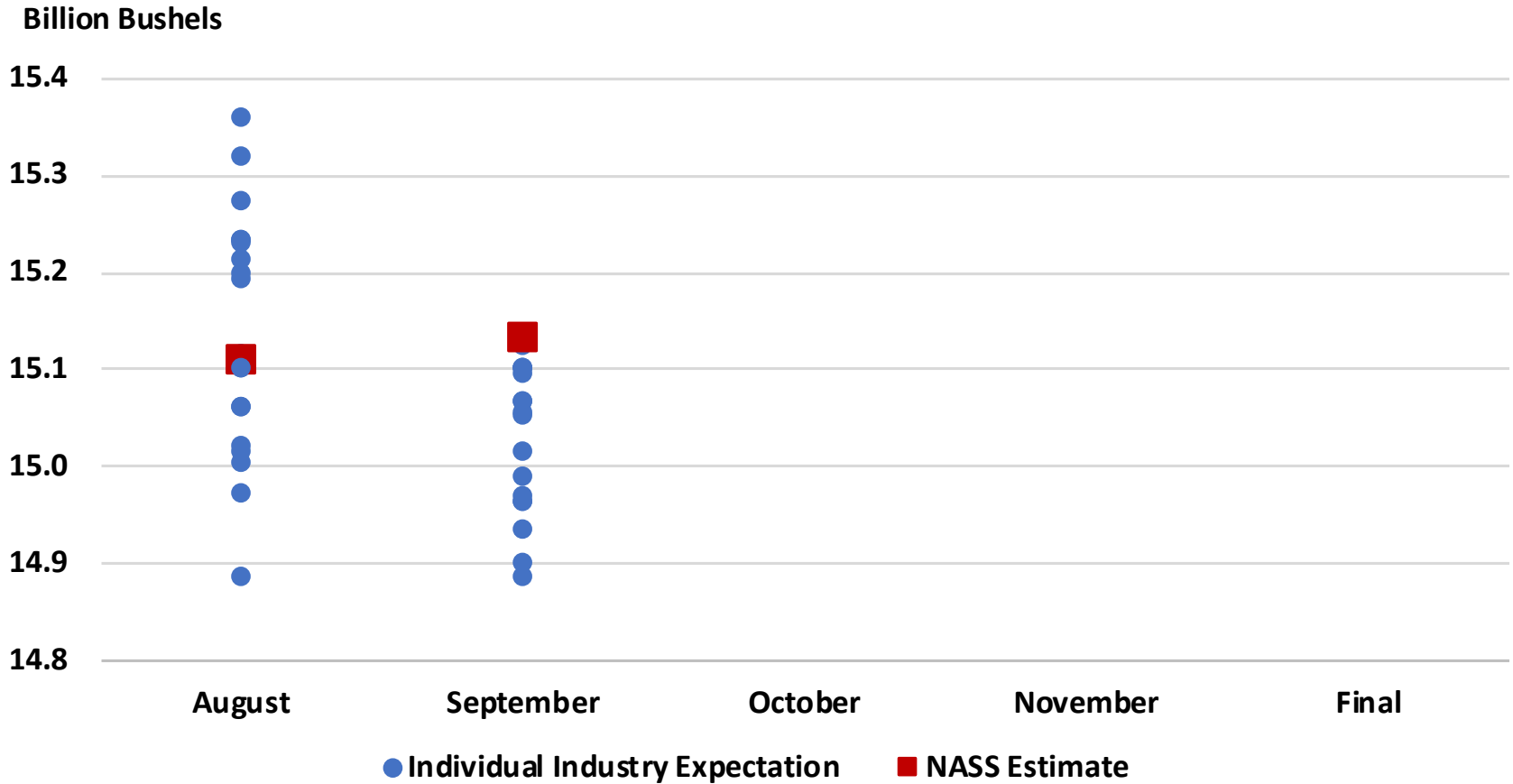
Billion Bushels





# 2023 U.S. Corn Production

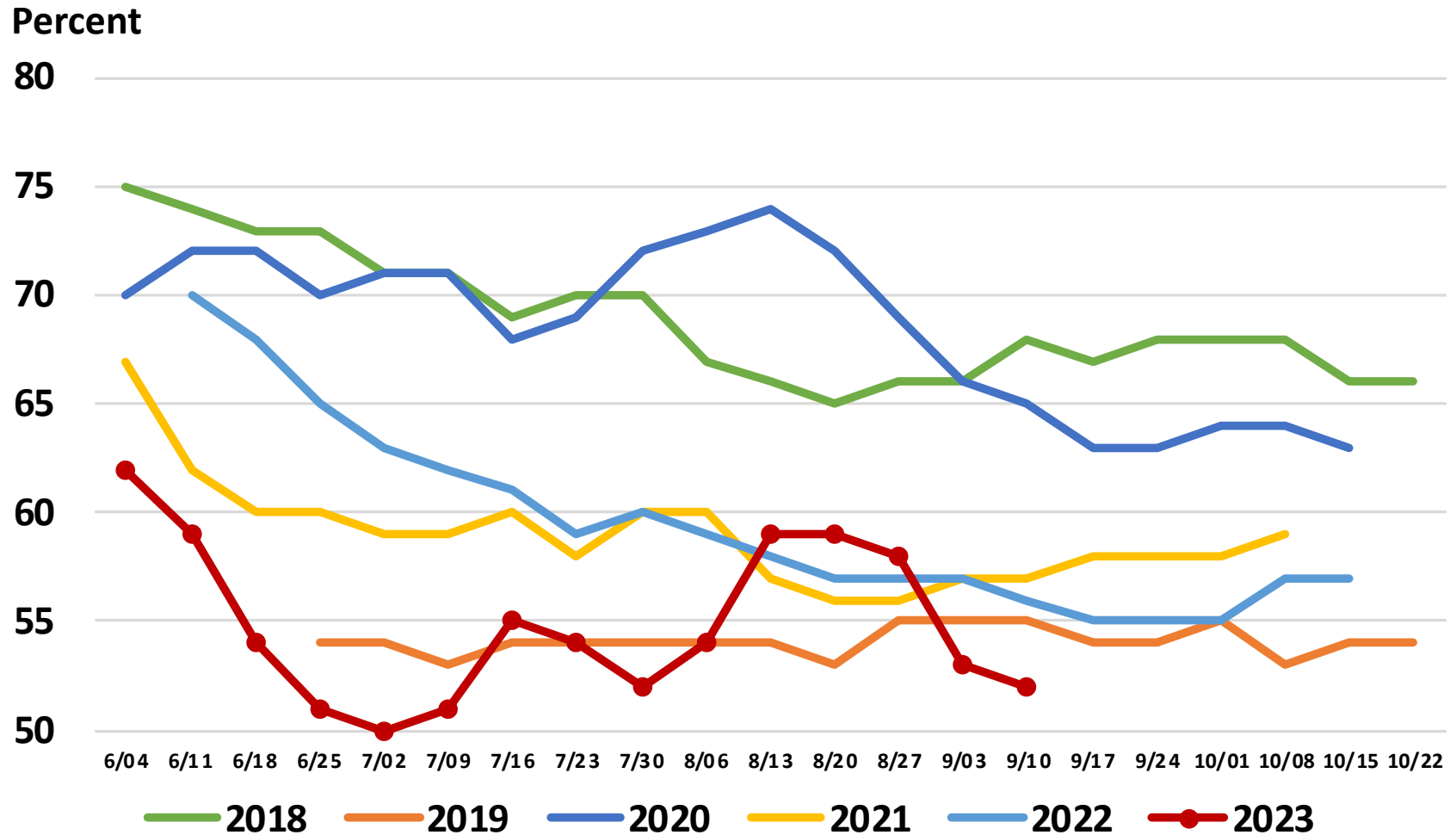
## Industry Expectations vs NASS





# United States Soybean Condition

## Percent Rated Good to Excellent

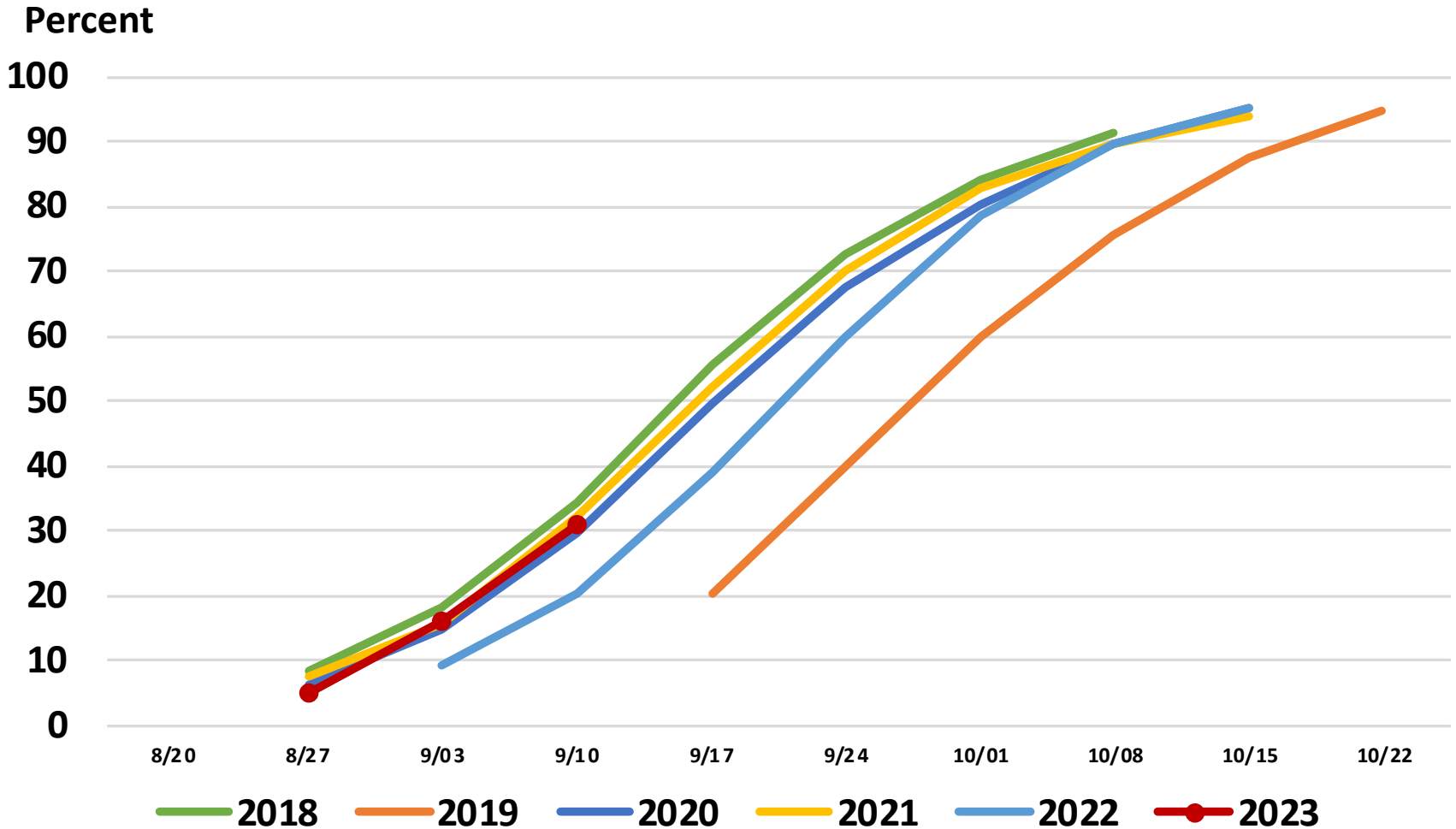






# United States Soybean Progress

## Percent Dropping Leaves





# September 2023 Soybeans

## Acreage, Yield, and Production

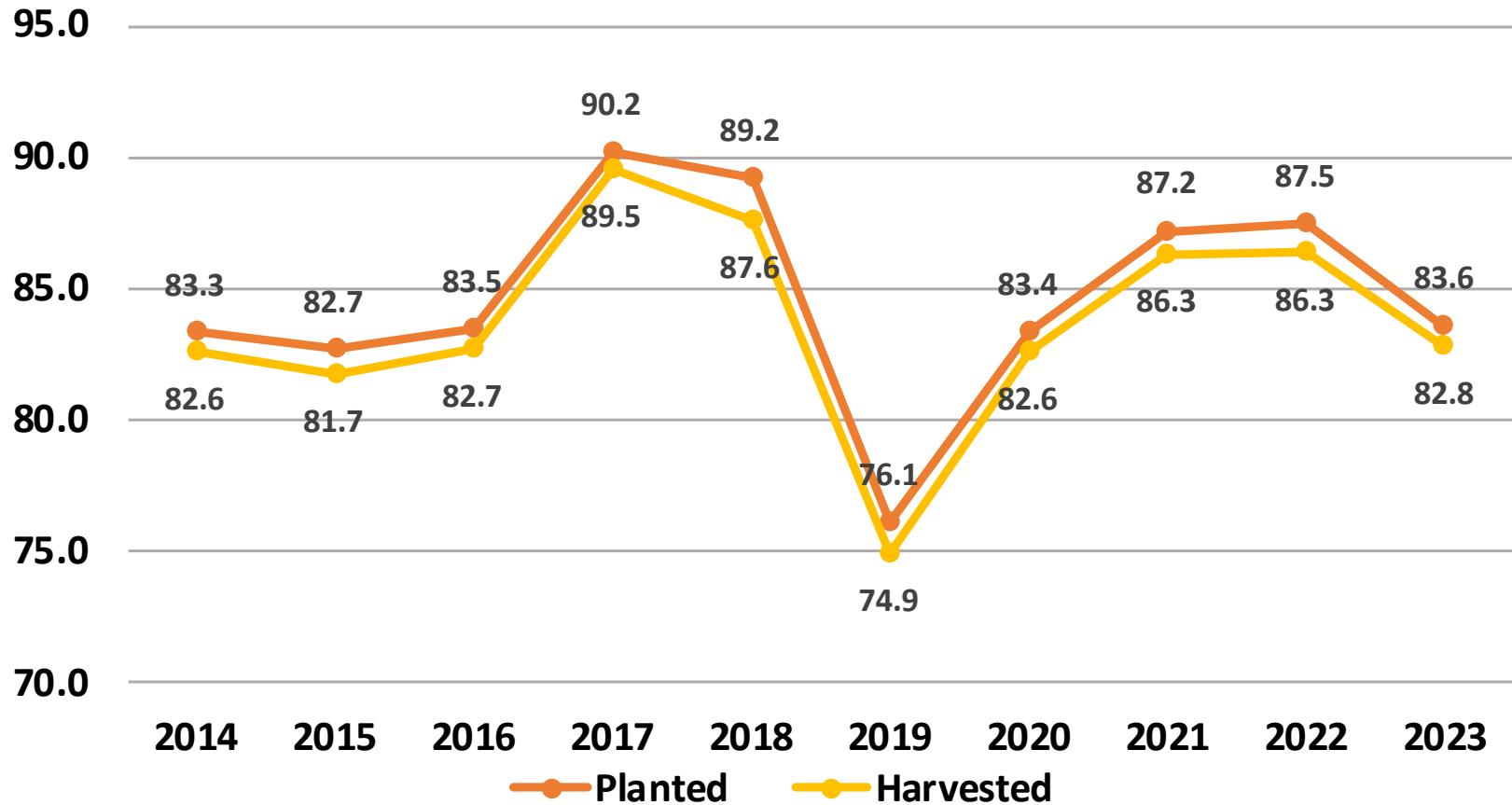
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
<b>United States</b>	<b>83,600</b>		<b>82,791</b>		<b>50.1</b>		<b>4,146,036</b>	
% Change from Previous Estimate	↑	0.1	↑	0.1	↓	1.6	↓	1.4
% Change from Previous Season	↓	4.4	↓	4.1	↑	1.2	↓	3.0

	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	10,350	↓ 4.2	10,300	↓ 4.2	61.0	↓ 3.2	628,300	↓ 7.2
Iowa	9,950	↓ 1.5	9,870	↓ 1.6	58.0	↓ 0.9	572,460	↓ 2.4
Minnesota	7,350	↓ 1.3	7,280	↓ 1.5	48.0	↓ 4.0	349,440	↓ 5.4
Indiana	5,500	↓ 6.0	5,480	↓ 6.0	60.0	↑ 4.3	328,800	↓ 1.9
Nebraska	5,250	↓ 8.7	5,200	↓ 8.5	55.0	↑ 12.2	286,000	↑ 2.8

# Soybean Acres

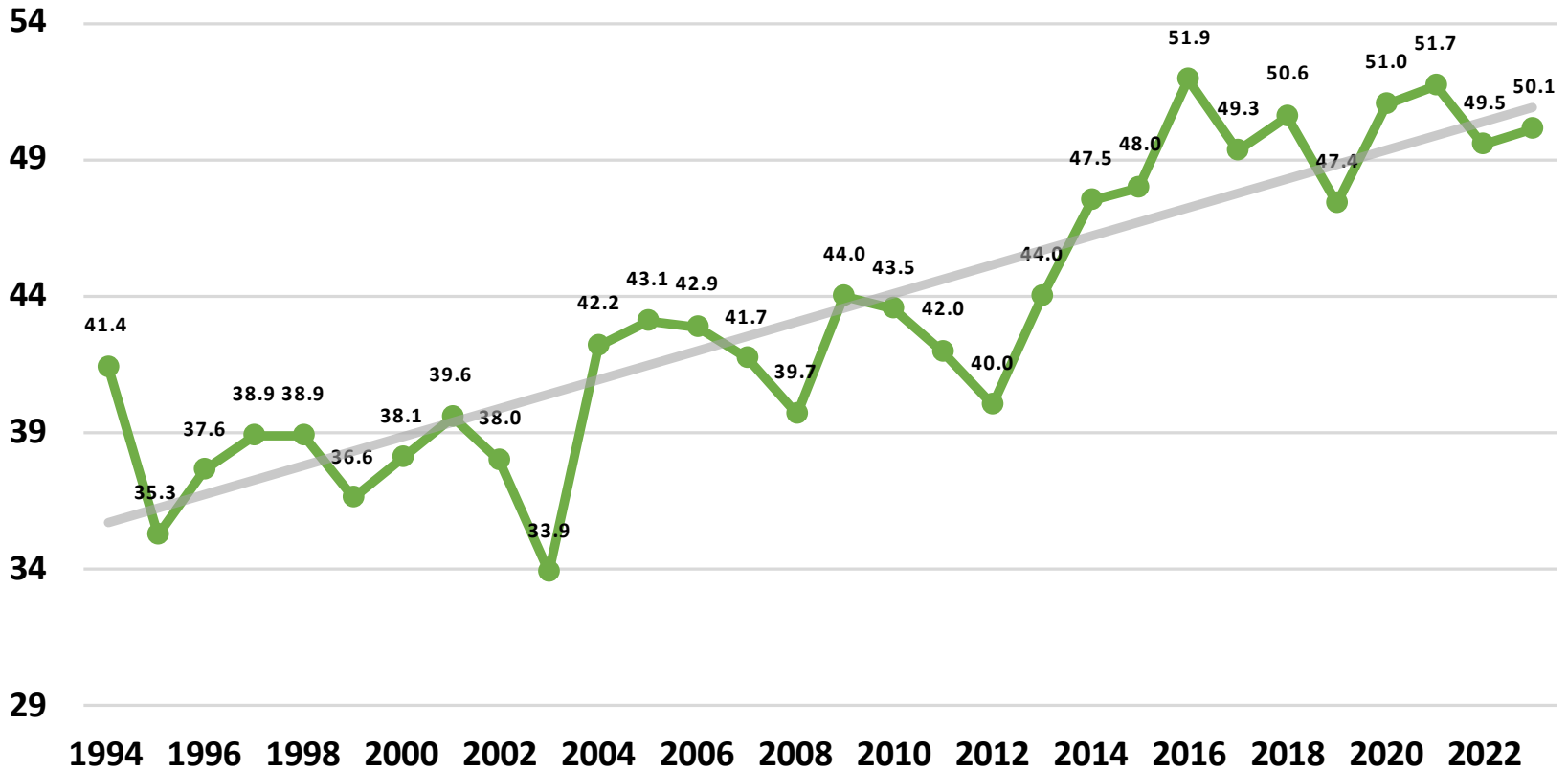
## United States

Million Acres



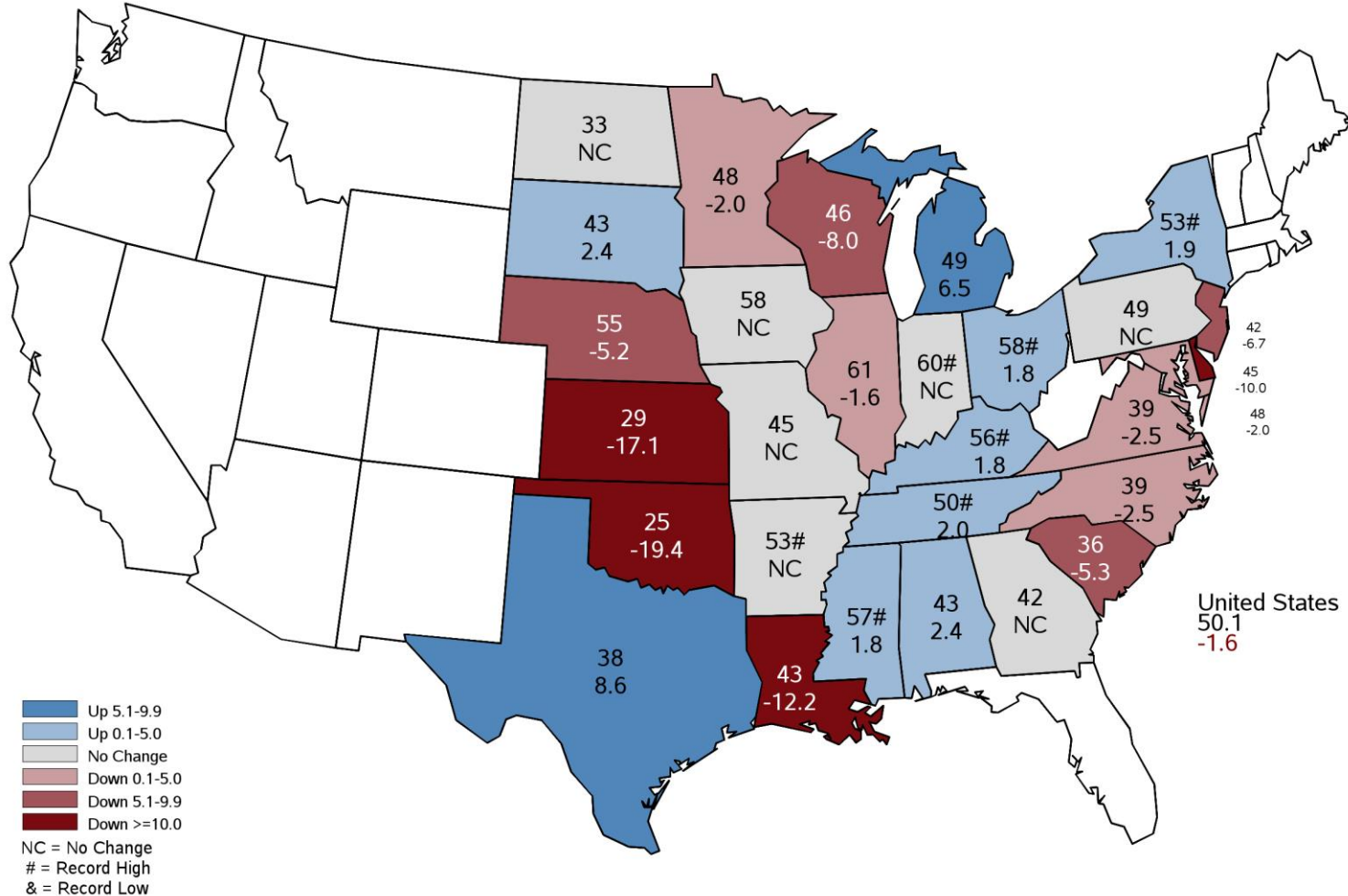
# Soybean Yield United States

Bushels per Acre



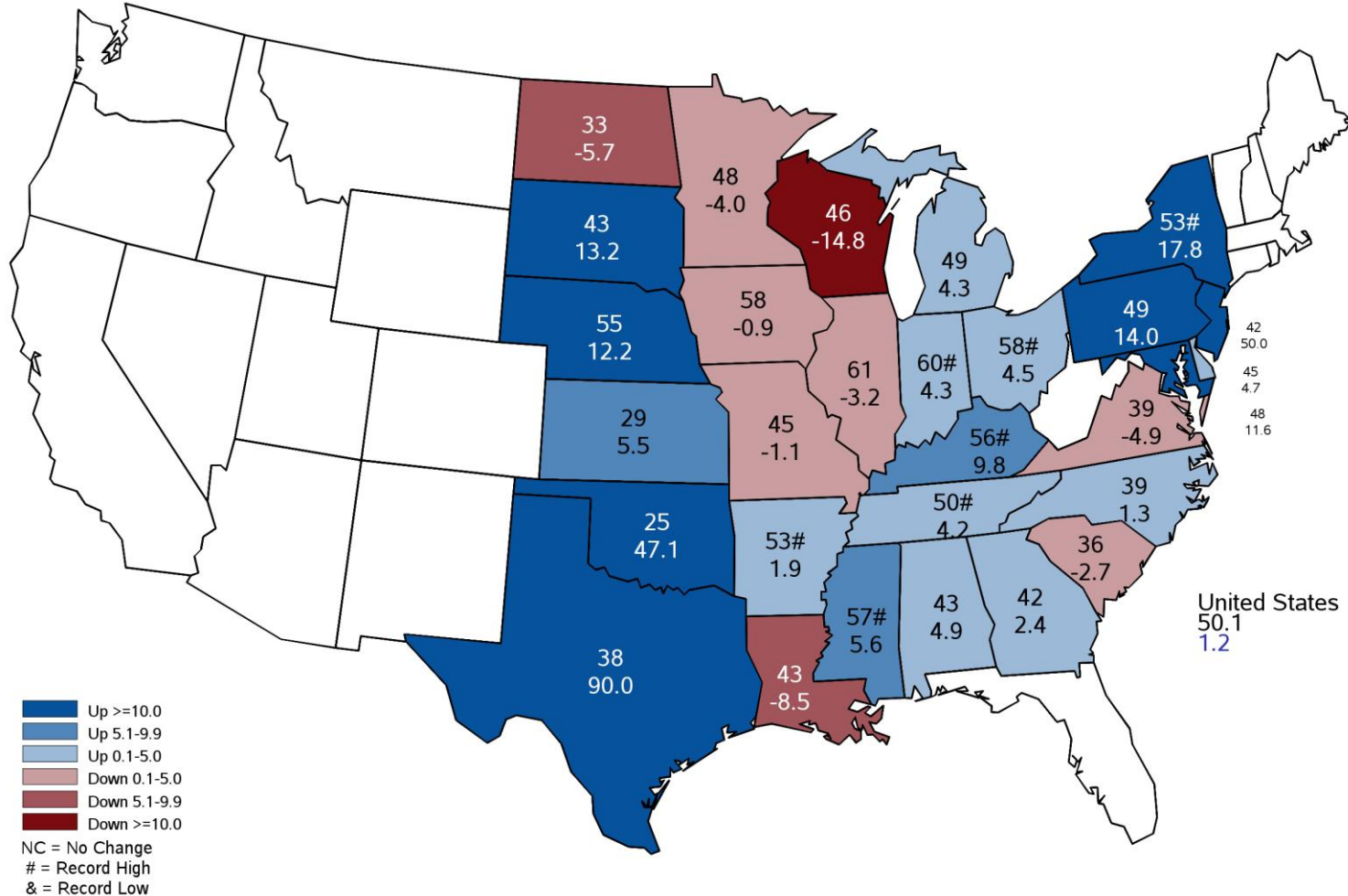
# September 2023 Soybean Yield

## Bushels and Percent Change from Previous Month



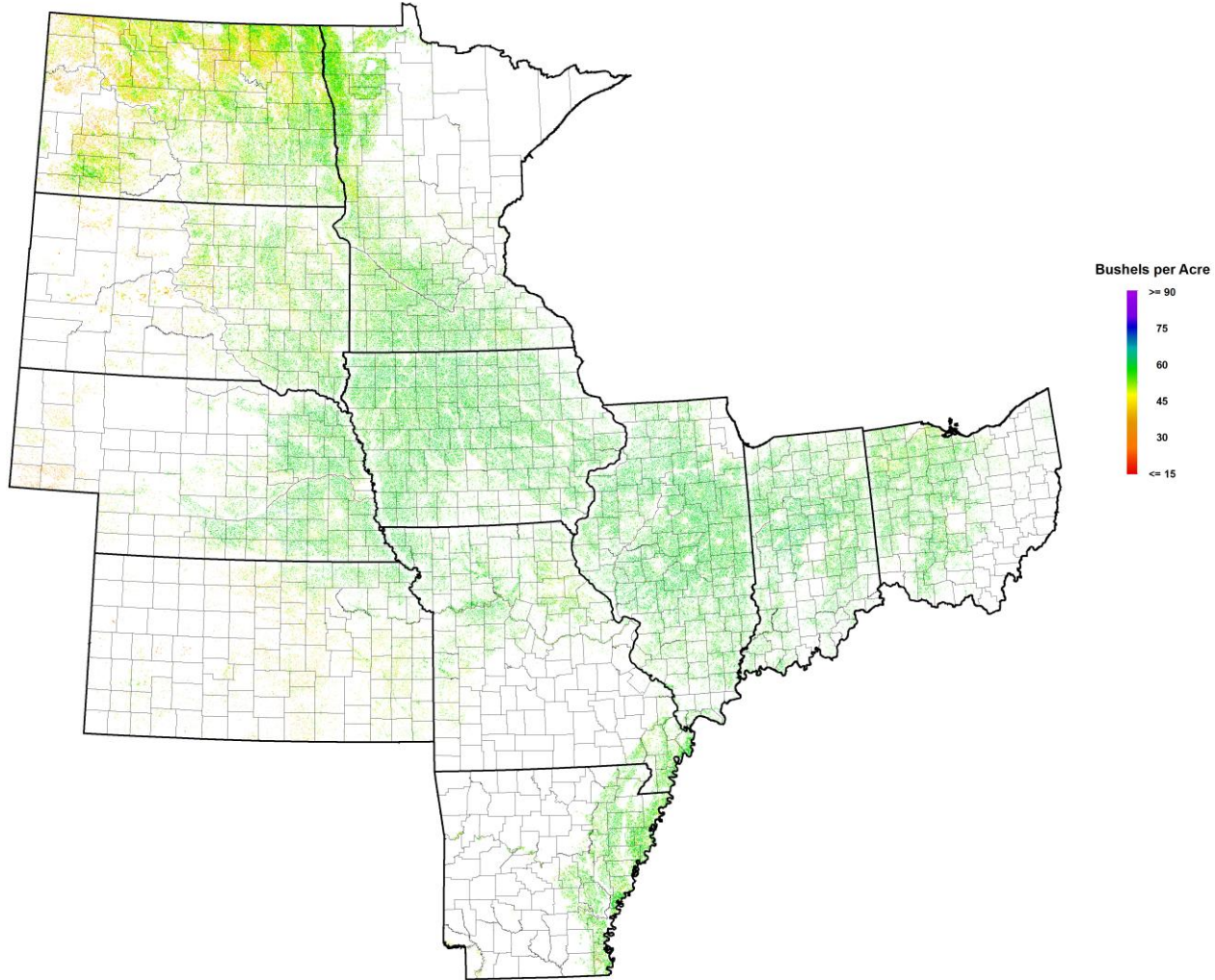
# September 2023 Soybean Yield

## Bushels and Percent Change from Previous Year



# September 2023 Soybeans

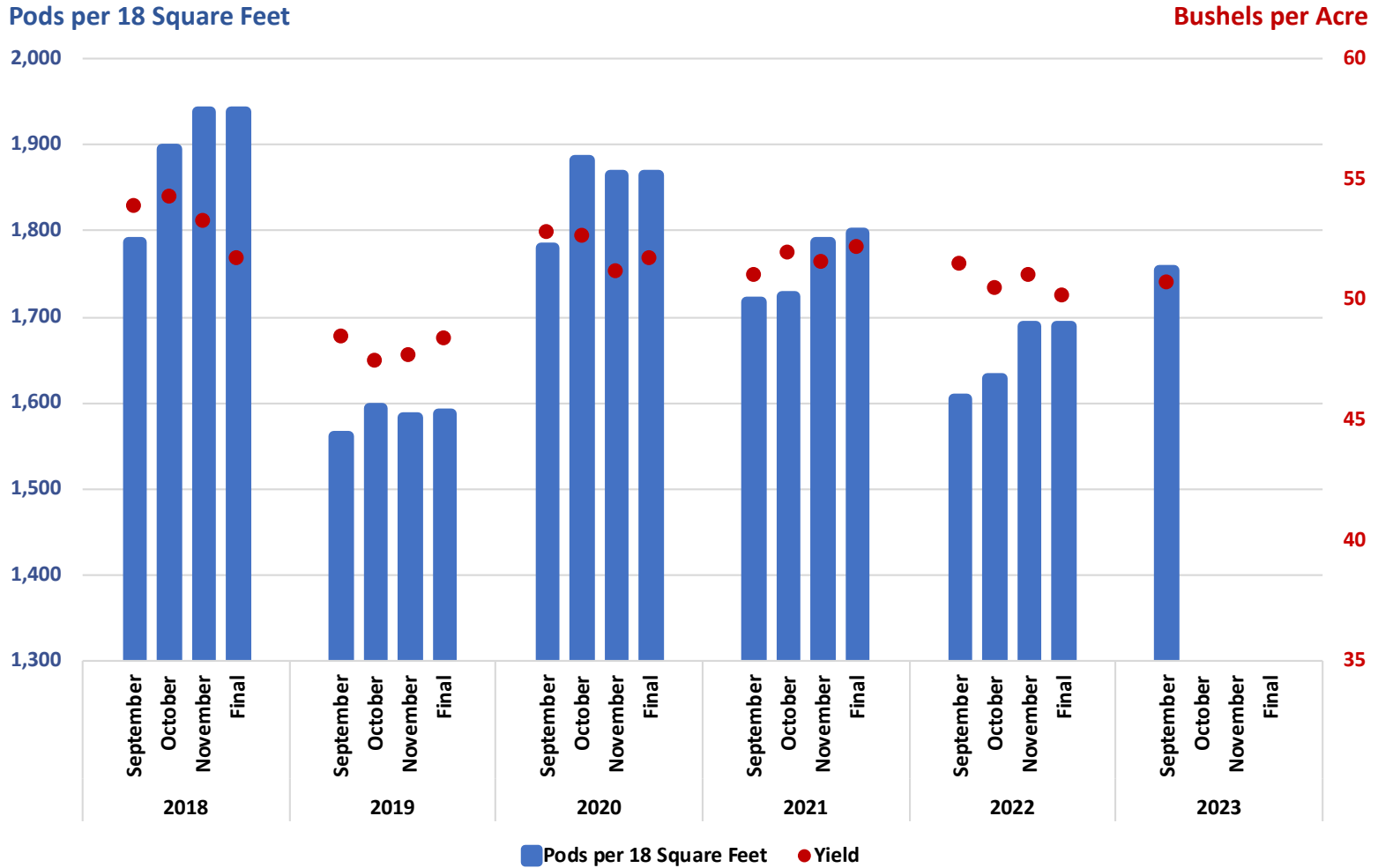
## NASA Terra MODIS Modeled Yield





# September 2023 Soybean Objective Yield

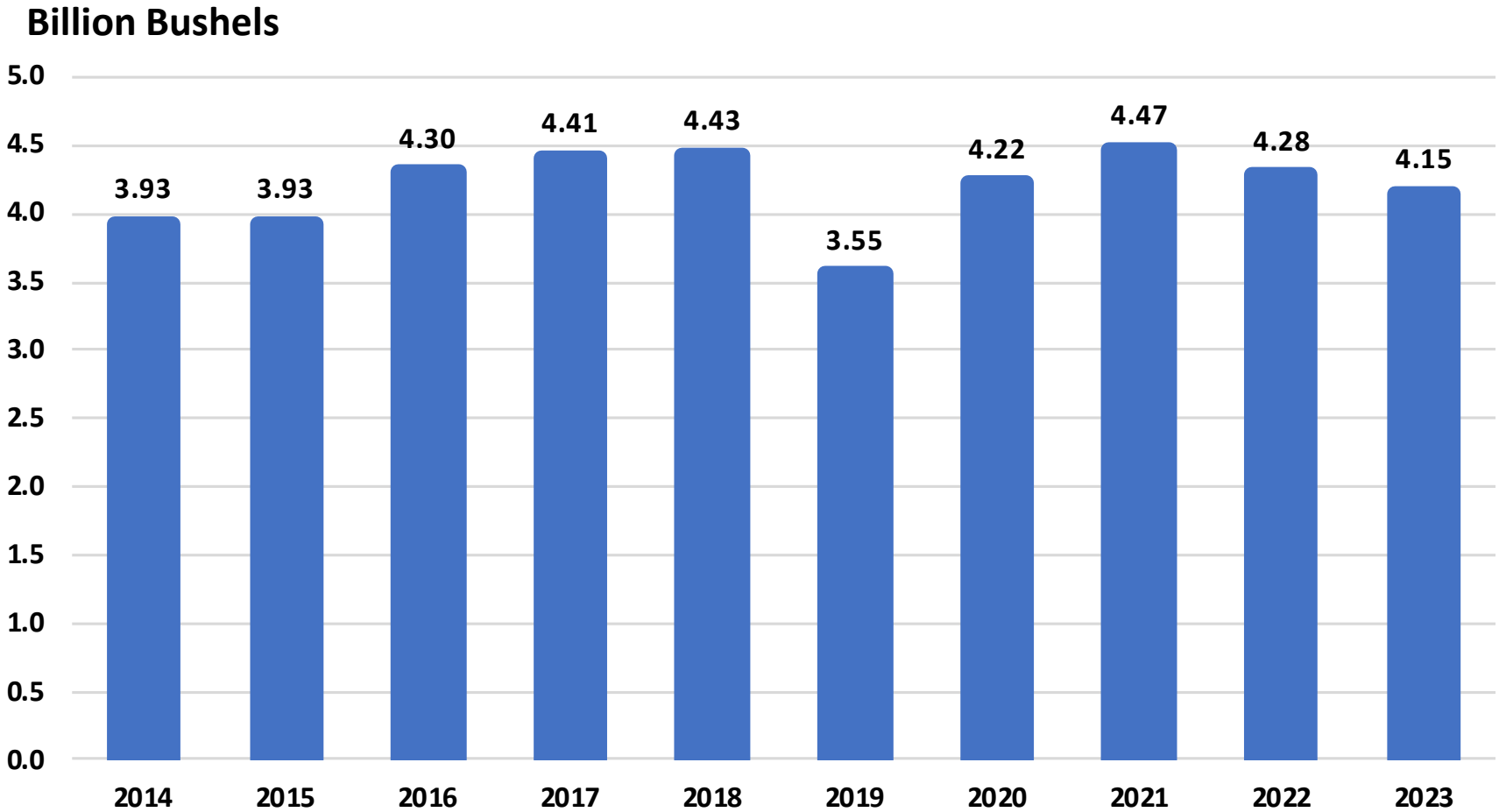
## Pods per 18 Square Feet and Yield for 11 State Region





# Soybean Production

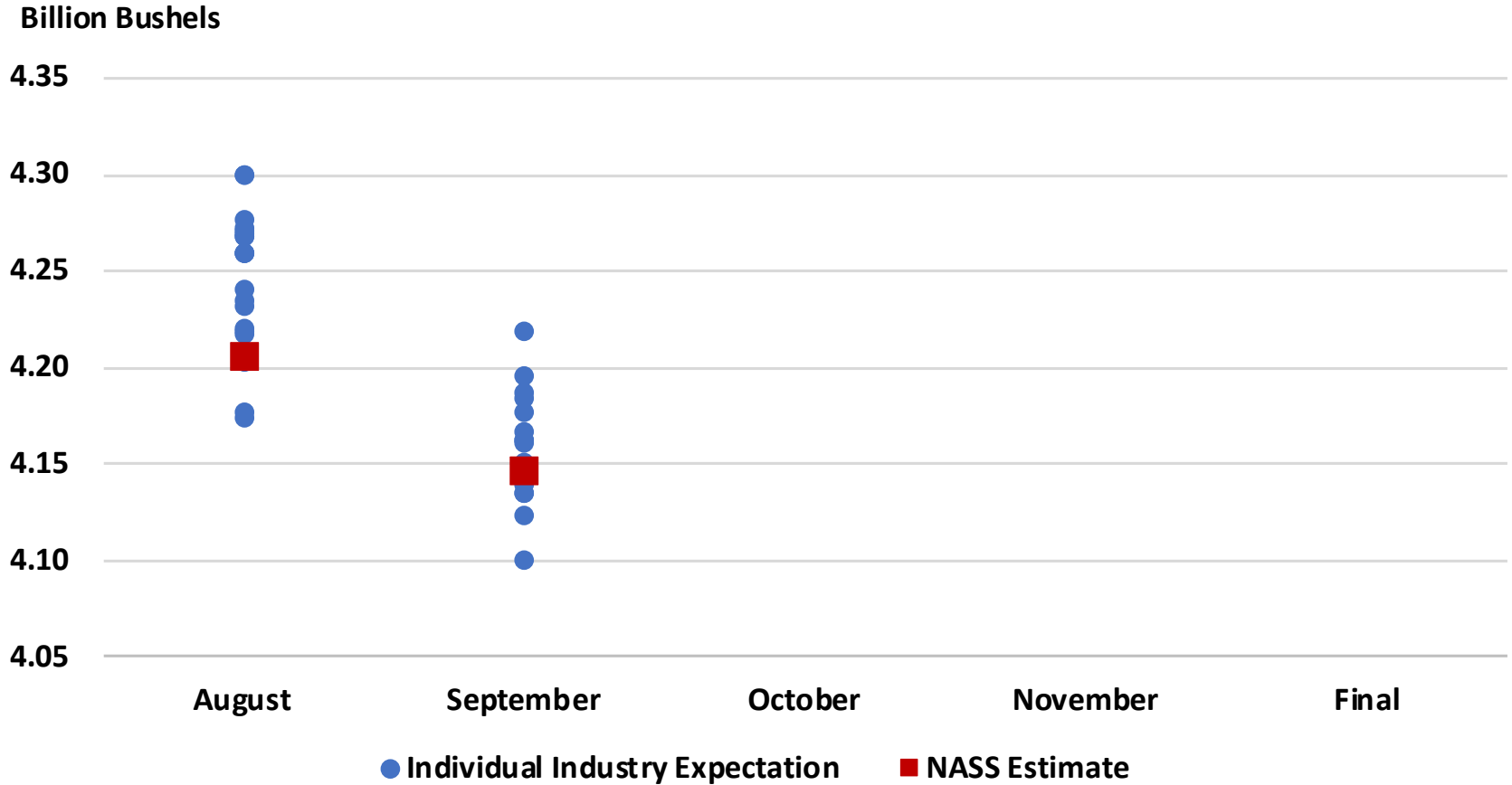
## United States





# 2023 U.S. Soybean Production

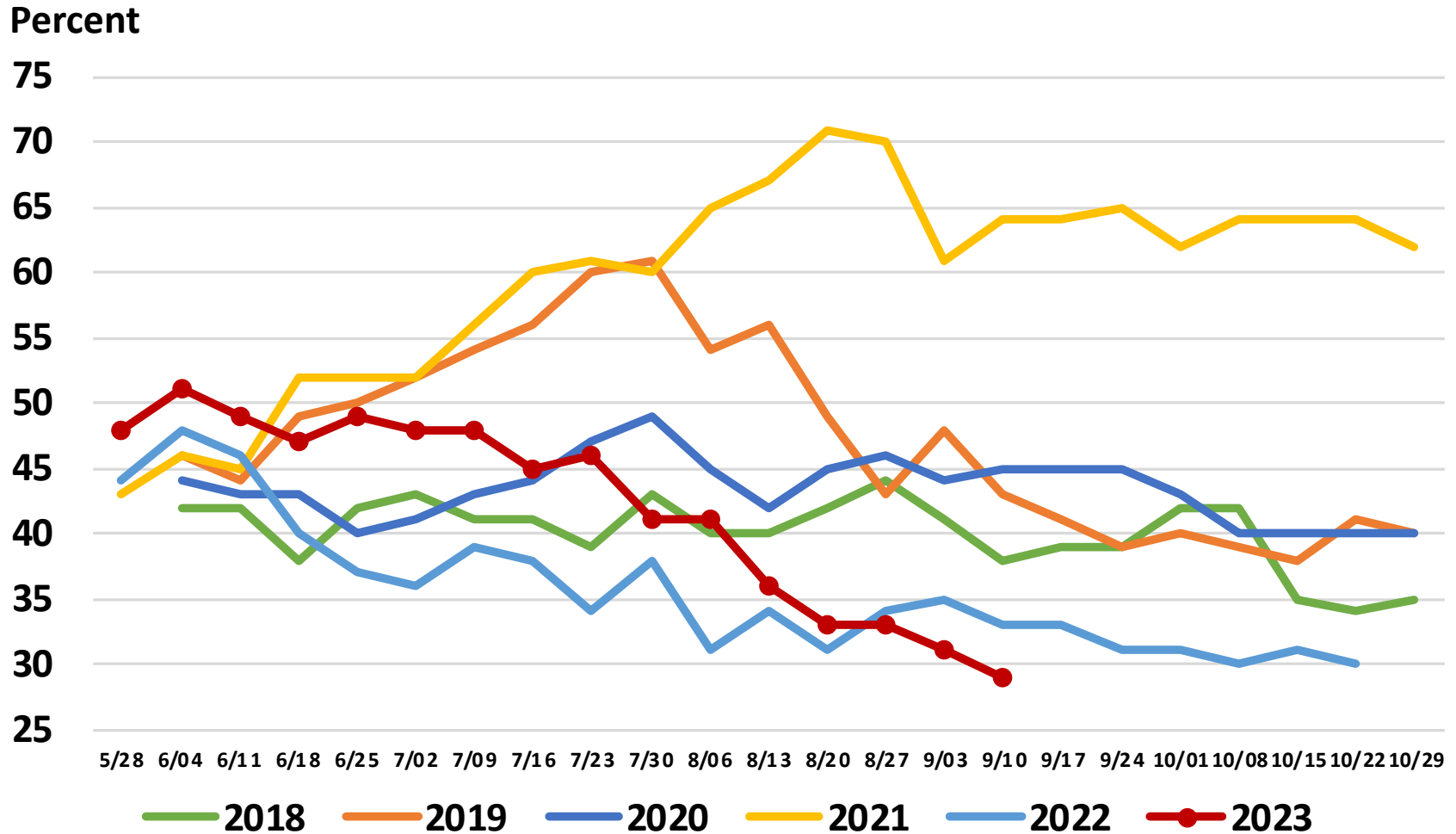
## Industry Expectations vs NASS





# United States Cotton Condition

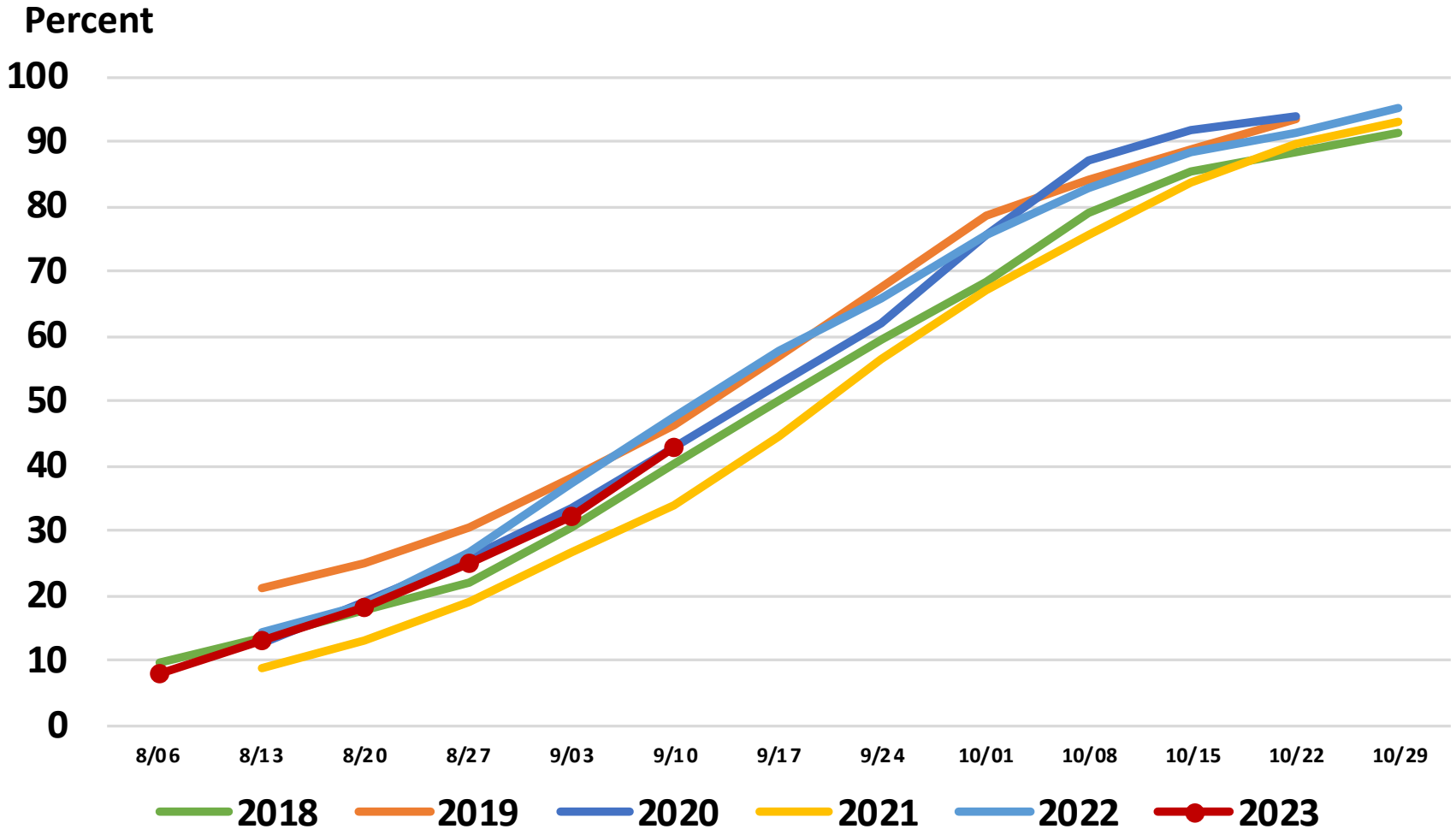
## Percent Rated Good to Excellent





# United States Cotton Progress

## Percent Bolls Opening





# September 2023 Cotton Acreage, Yield, and Production

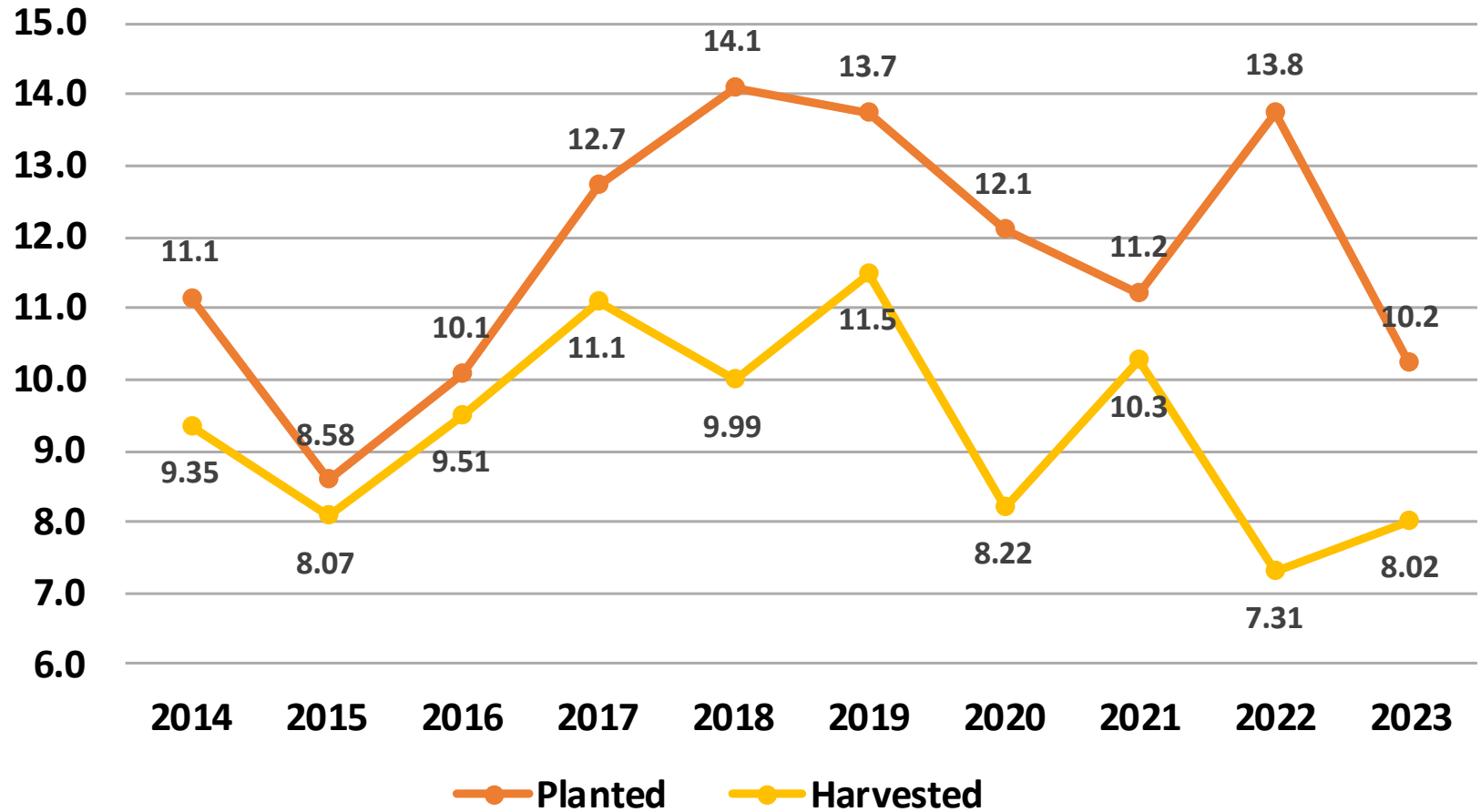
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
<b>United States</b>	<b>10,233</b>	<b>8,021</b>	<b>786</b>	<b>13,132</b>
% Change from Previous Estimate	↓ 7.7	↓ 7.0	↑ 0.9	↓ 6.1
% Change from Previous Season	↓ 25.6	↑ 9.8	↓ 17.3	↓ 9.2

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	5,579	↓ 29.2	3,575	↑ 76.2	570.0	↓ 22.3	4,242	↑ 36.7	
Georgia	1,110	↓ 14.0	1,100	↓ 13.4	1,004.0	↑ 0.2	2,300	↓ 13.2	
Arkansas	510	↓ 20.3	505	↓ 19.8	1,141.0	↓ 3.2	1,200	↓ 22.5	
Mississippi	400	↓ 24.5	395	↓ 24.8	1,082.0	↓ 0.2	890	↓ 25.0	
Missouri	335	↓ 6.9	330	↓ 2.9	1,120.0	↓ 9.7	770	↓ 12.3	

# Cotton Acres

## United States

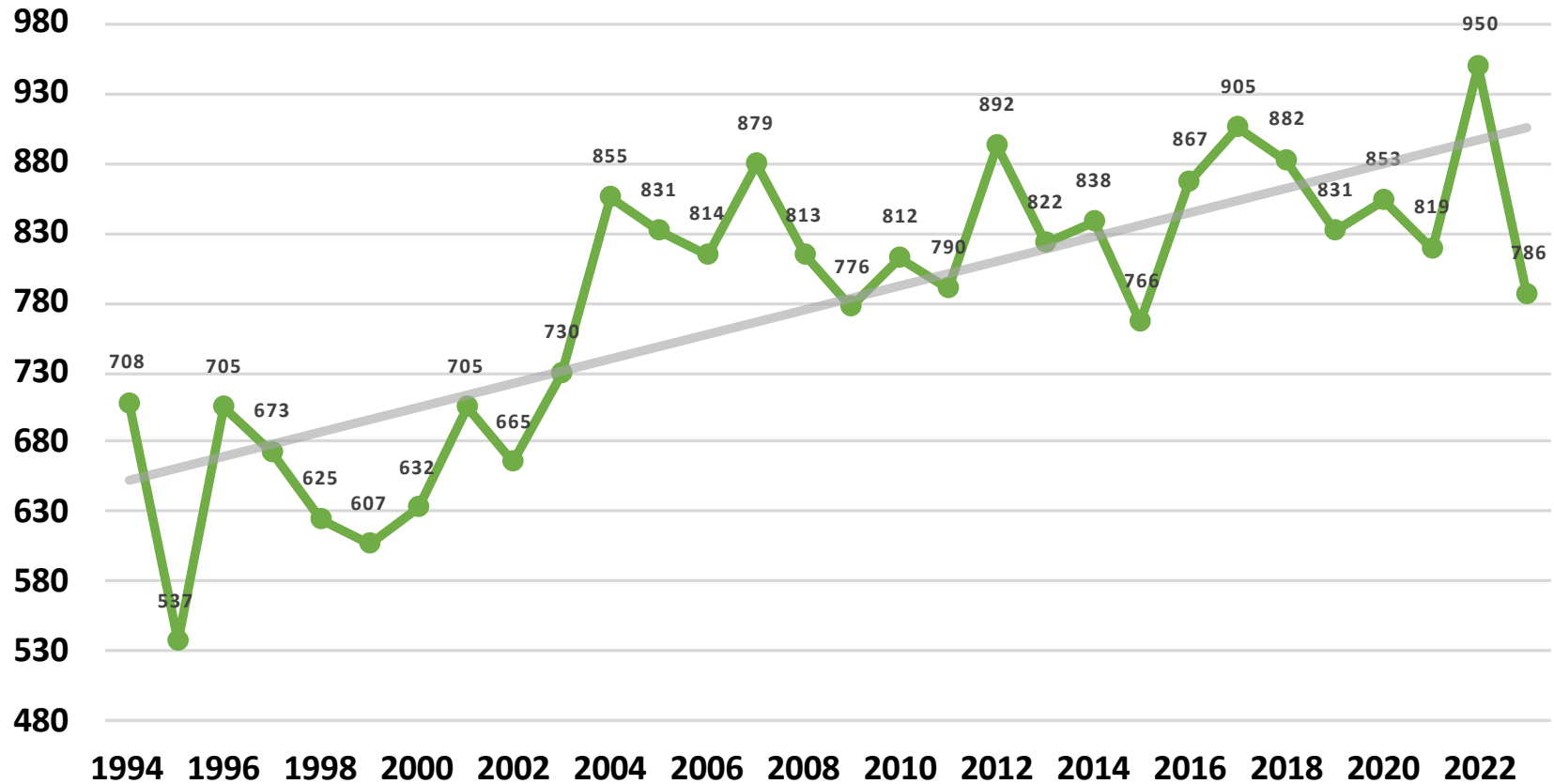
Million Acres





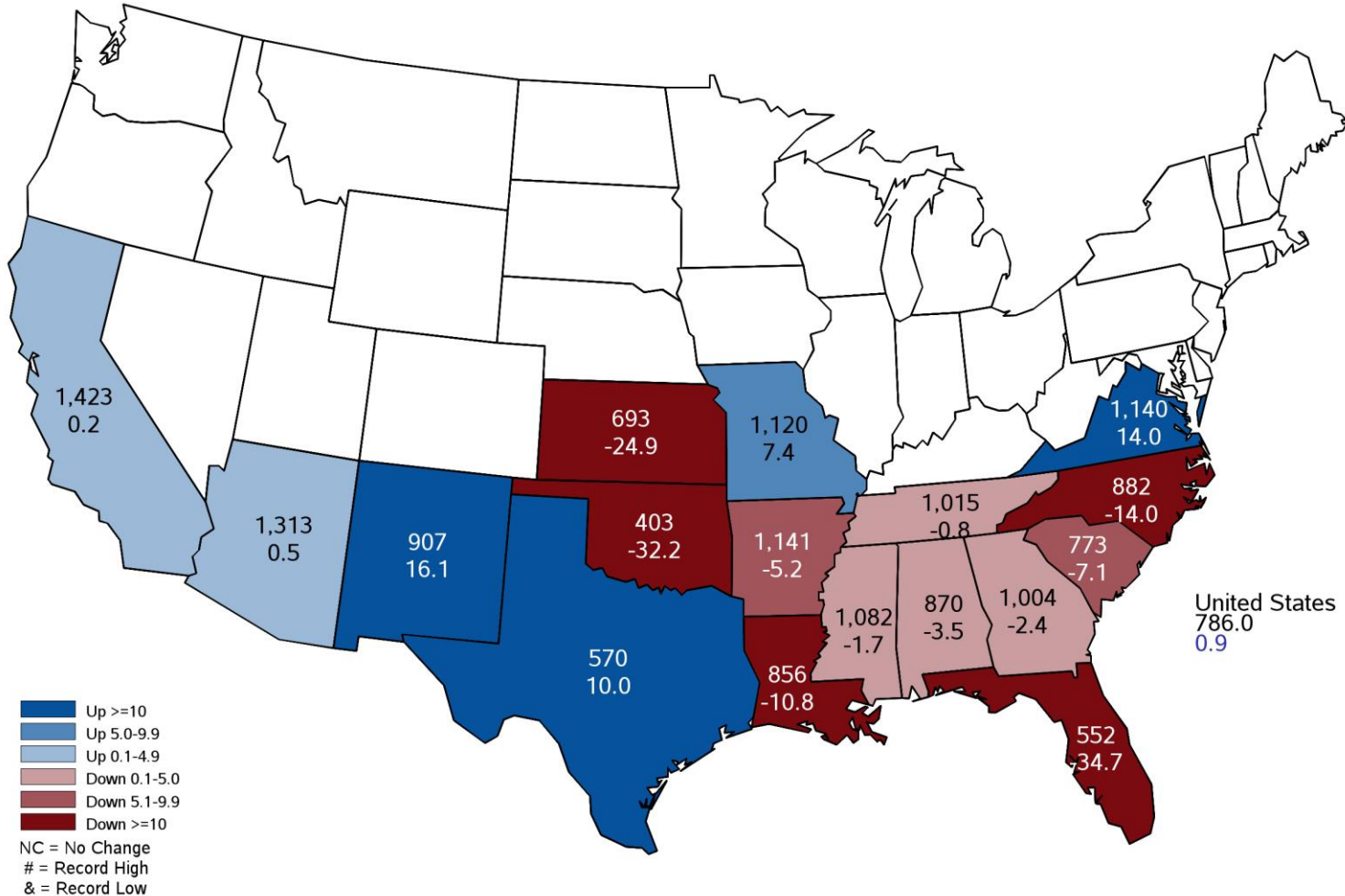
# Cotton Yield United States

Pounds per Acre



# September 2023 Cotton Yield

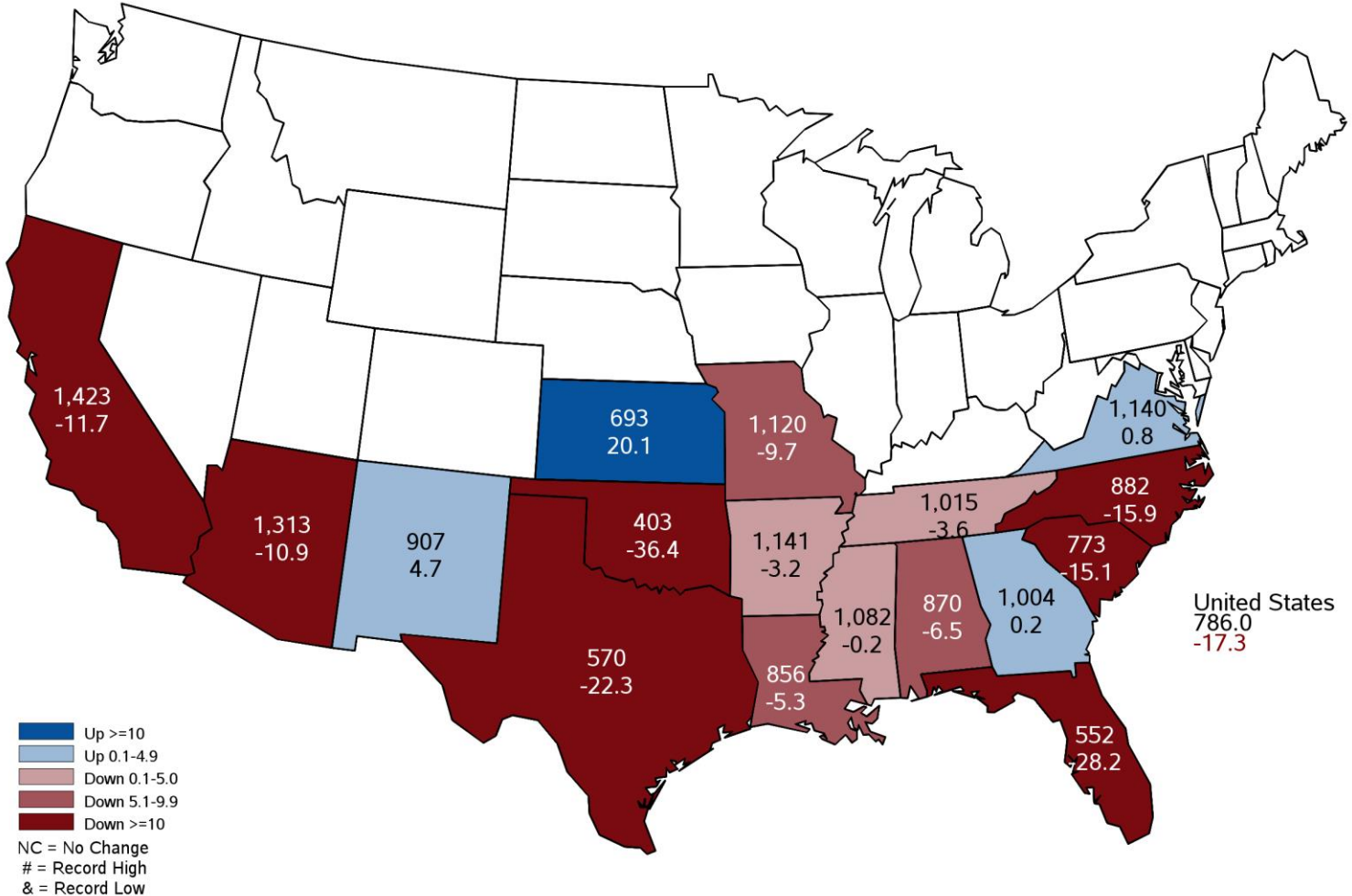
## Pounds and Percent Change from Previous Month





# September 2023 Cotton Yield

## Pounds and Percent Change from Previous Year

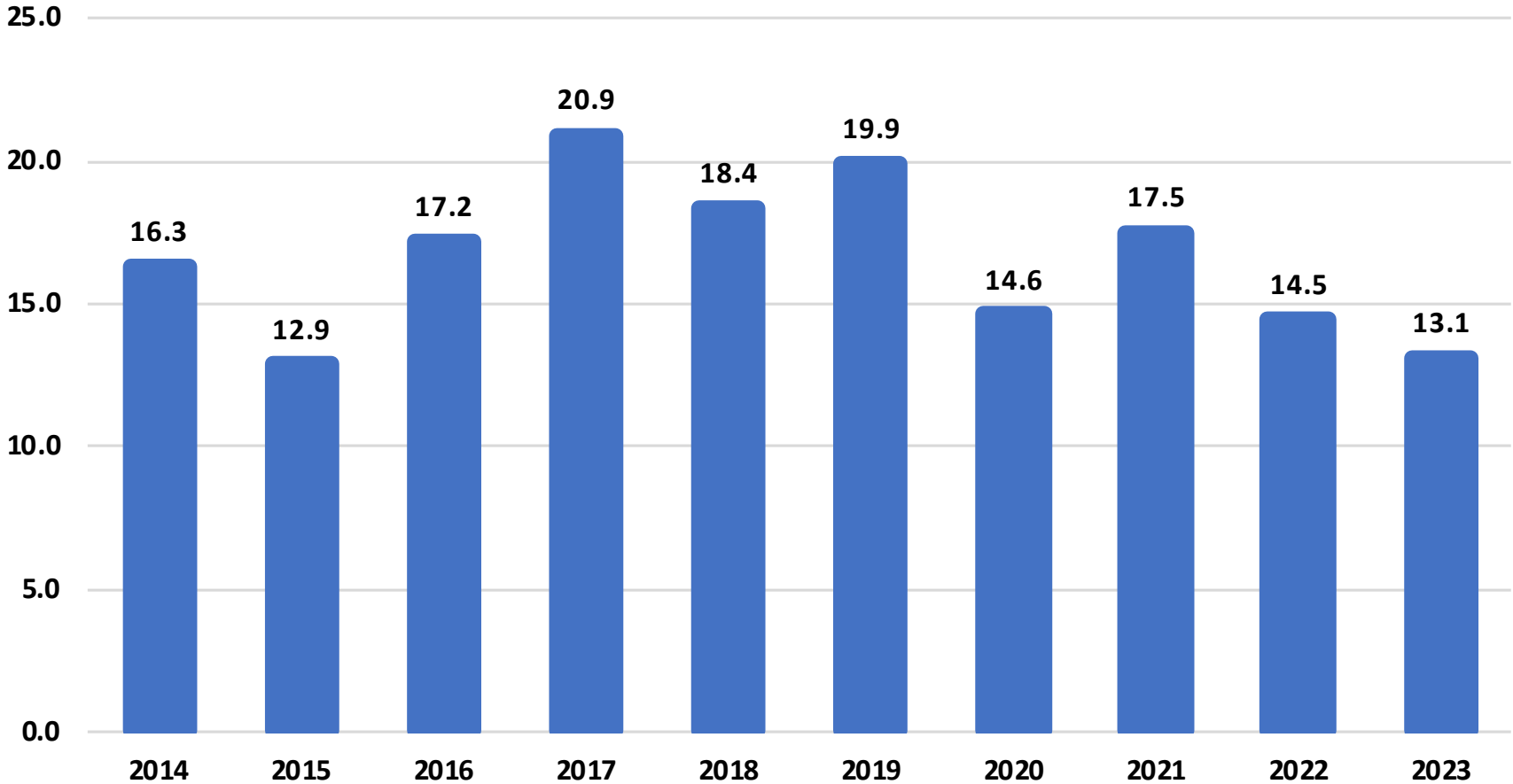




# Cotton Production

## United States

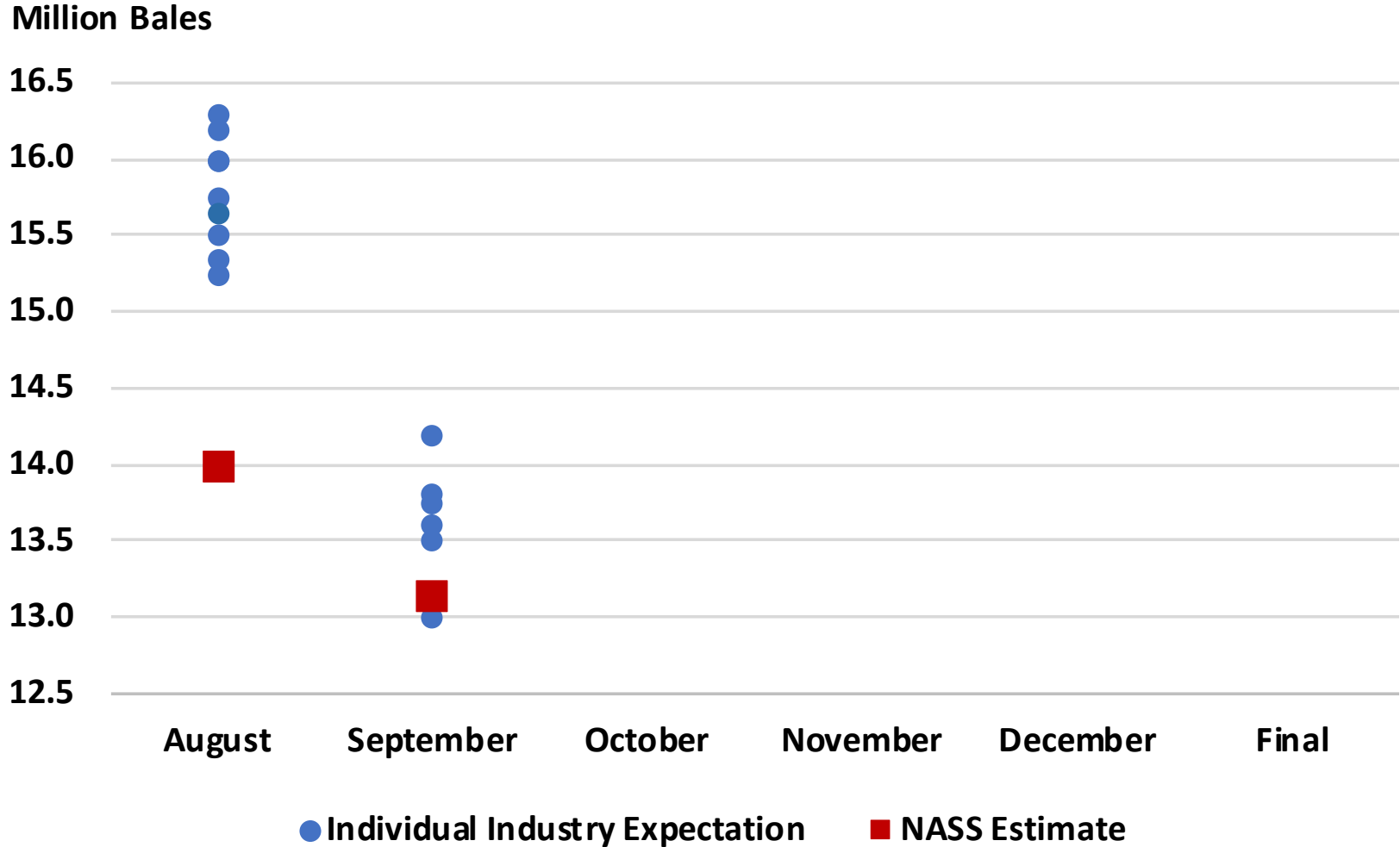
Million Bales





# 2023 U.S. Cotton Production

## Industry Expectations vs NASS





# September 2023 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>Chickpeas</b>	<b>380</b>	<b>373</b>	<b>1,329</b>	<b>Lb</b>	<b>4,958</b>	<b>Cwt</b>
% Change from Previous Estimate	↓ 1.7	↓ 0.4	N/A		N/A	
% Change from Previous Season	↑ 7.7	↑ 9.2	↑ 24.2		↑ 35.5	
<b>Dry Edible Peas</b>	<b>945</b>	<b>900</b>	<b>1,909</b>	<b>Lb</b>	<b>17,178</b>	<b>Cwt</b>
% Change from Previous Estimate	↓ 5.4	↓ 3.6	N/A		N/A	
% Change from Previous Season	↑ 2.8	↑ 4.4	↑ 9.0		↑ 13.8	
<b>Lentils</b>	<b>545</b>	<b>508</b>	<b>1,124</b>	<b>Lb</b>	<b>5,710</b>	<b>Cwt</b>
% Change from Previous Estimate	↑ 2.3	↑ 4.3	N/A		N/A	
% Change from Previous Season	↓ 17.4	↓ 15.6	↑ 23.2		↑ 4.0	
<b>Peanuts</b>	<b>1,650</b>	<b>1,600</b>	<b>3,953</b>	<b>Lb</b>	<b>6,323,710</b>	<b>Lb</b>
% Change from Previous Estimate	↑ 4.6	↑ 4.1	↓ 2.3		↑ 1.7	
% Change from Previous Season	↑ 13.8	↑ 15.5	↓ 1.6		↑ 13.6	
<b>Rice</b>	<b>2,897</b>	<b>2,850</b>	<b>7,751</b>	<b>Lb</b>	<b>220,907</b>	<b>Cwt</b>
% Change from Previous Estimate	↑ 7.8	↑ 7.8	↑ 0.7		↑ 8.5	
% Change from Previous Season	↑ 30.4	↑ 31.2	↑ 5.0		↑ 37.8	



# September 2023 Field Crops

## Acreage, Yield, and Production

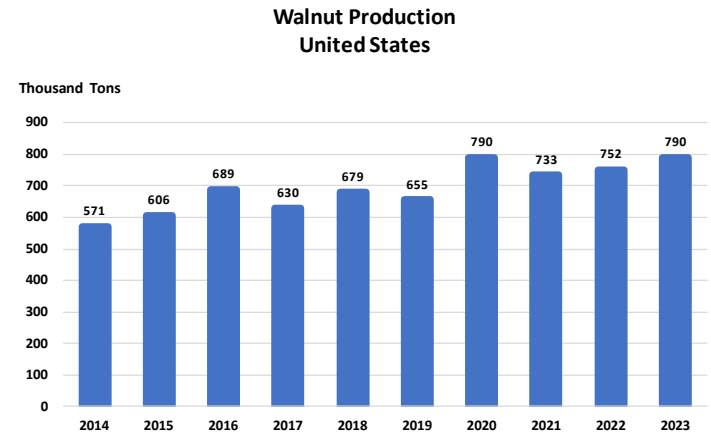
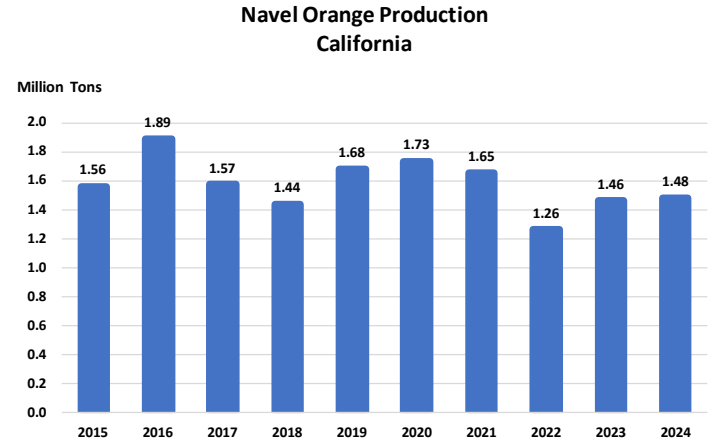
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
<b>Sorghum</b>	<b>7,180</b>	<b>6,260</b>	<b>60.9</b>	<b>Bu</b>	<b>381,220</b>	<b>Bu</b>
% Change from Previous Estimate	↑ 5.5	↑ 5.4	↓ 8.0		↓ 3.1	
% Change from Previous Season	↑ 13.5	↑ 37.0	↑ 48.2		↑ 103.0	
<b>Sugarbeets</b>	<b>1,132</b>	<b>1,119</b>	<b>31.5</b>	<b>Ton</b>	<b>35,259</b>	<b>Ton</b>
% Change from Previous Estimate	↑ 0.3	↑ 0.7	↑ 1.9		↑ 2.6	
% Change from Previous Season	↓ 2.3	↓ 1.6	↑ 10.1		↑ 8.2	
<b>Sugarcane</b>	<b>N/A</b>	<b>927</b>	<b>34.9</b>	<b>Ton</b>	<b>32,386</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	NC	↓ 7.4		↓ 7.3	
% Change from Previous Season	N/A	↓ 0.3	↓ 6.4		↓ 6.6	
<b>Tobacco</b>	<b>N/A</b>	<b>192</b>	<b>2,153</b>	<b>Lb</b>	<b>412,712</b>	<b>Lb</b>
% Change from Previous Estimate	N/A	↓ 2.6	↓ 4.6		↓ 7.1	
% Change from Previous Season	N/A	↓ 5.0	↓ 2.9		↓ 7.7	



# September 2023 Fruits and Nuts Production



	<b>Production</b> (1,000 Units)	<b>Unit</b>
<b>Navel Oranges (CA)</b>	<b>1,480</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 1.4	
<b>Walnuts (CA)</b>	<b>790</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 5.1	





# Selected Upcoming Reports



<b>September 22</b>	<b>Cattle on Feed Cotton Ginnings</b>
<b>September 28</b>	<b>Hogs and Pigs</b>
<b>September 29</b>	<b>Agricultural Prices Grain Stocks Small Grains Summary</b>
<b>October 2</b>	<b>Cotton System Fats &amp; Oils Grain Crushings</b>
<b>October 12</b>	<b>Cotton Ginnings Crop Production</b>

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



# Data Users' Meeting



# 2023 USDA Fall Virtual Data Users' Meeting

**October 17-18**

**Register at: [nass.usda.gov/go/data\\_users](https://nass.usda.gov/go/data_users)  
Free and open to the public**

## USDA Fall Data Users' Meeting

October 17 & 18, 2023

12:00 – 3:00 p.m. ET

For more information and to register please go to

[www.nass.usda.gov/go/data\\_users](https://www.nass.usda.gov/go/data_users)



## STAT CHAT SERIES

You can post questions in advance to [@usda\\_nass](https://twitter.com/usda_nass).

**#STATCHAT**

Join [@usda\\_nass](https://twitter.com/usda_nass) on X using [#StatChat](https://twitter.com/#StatChat) to discuss the *Crop Production* report with NASS Crops Branch Chief Lance Honig.

**TUESDAY,  
SEPT. 12  
1 PM ET**





**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)**