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# September Crop Production

## Agricultural Statistics Board Briefing

Lance Honig, Chief  
Crops Branch



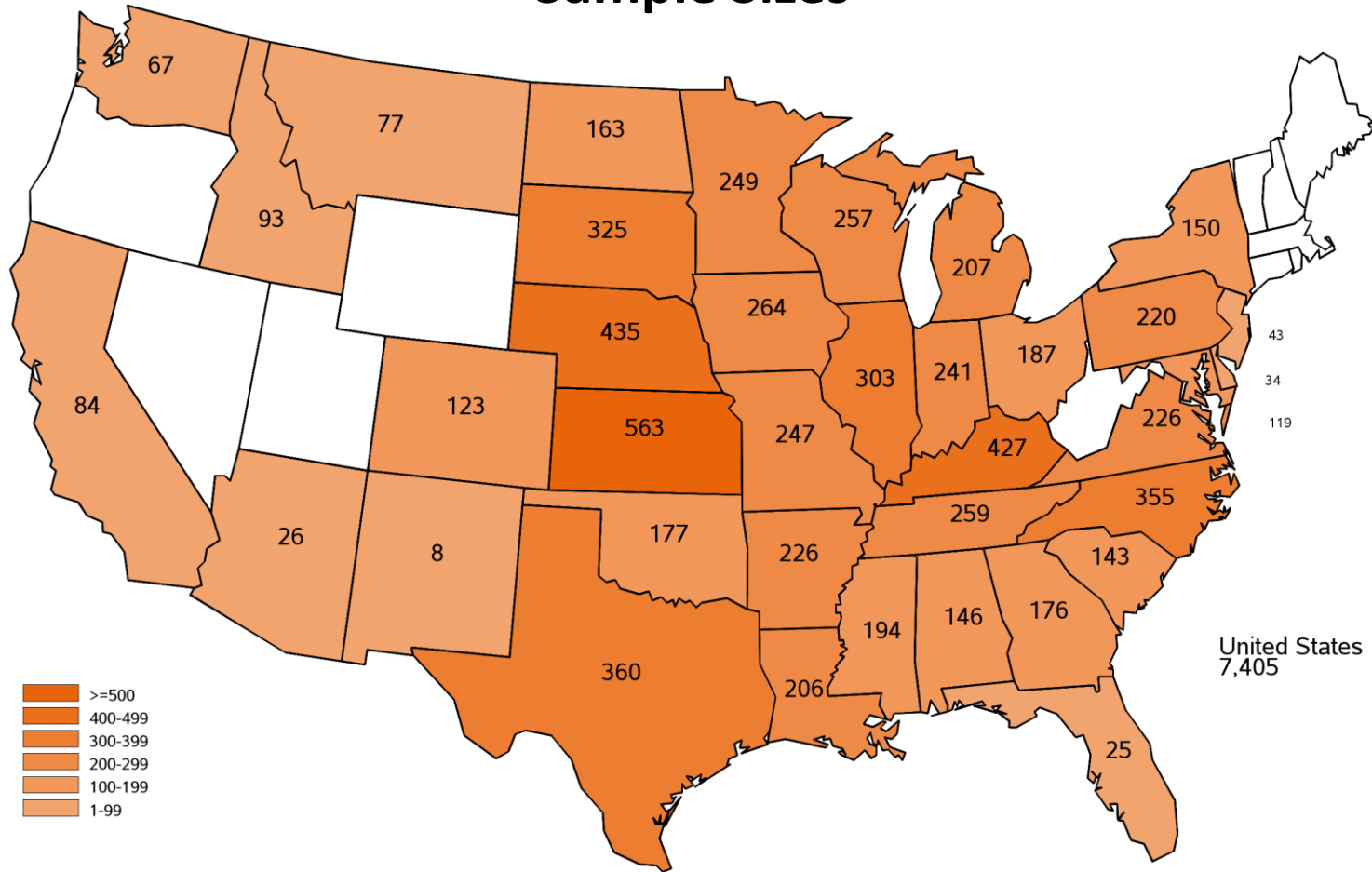
# Data Sources



<b>Operator Reported Survey</b>	<b>Ag Yield</b>	<b>Sample Size = 7,405</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 29</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 2022 Ag Yield Survey

## Sample Sizes





# Special Note

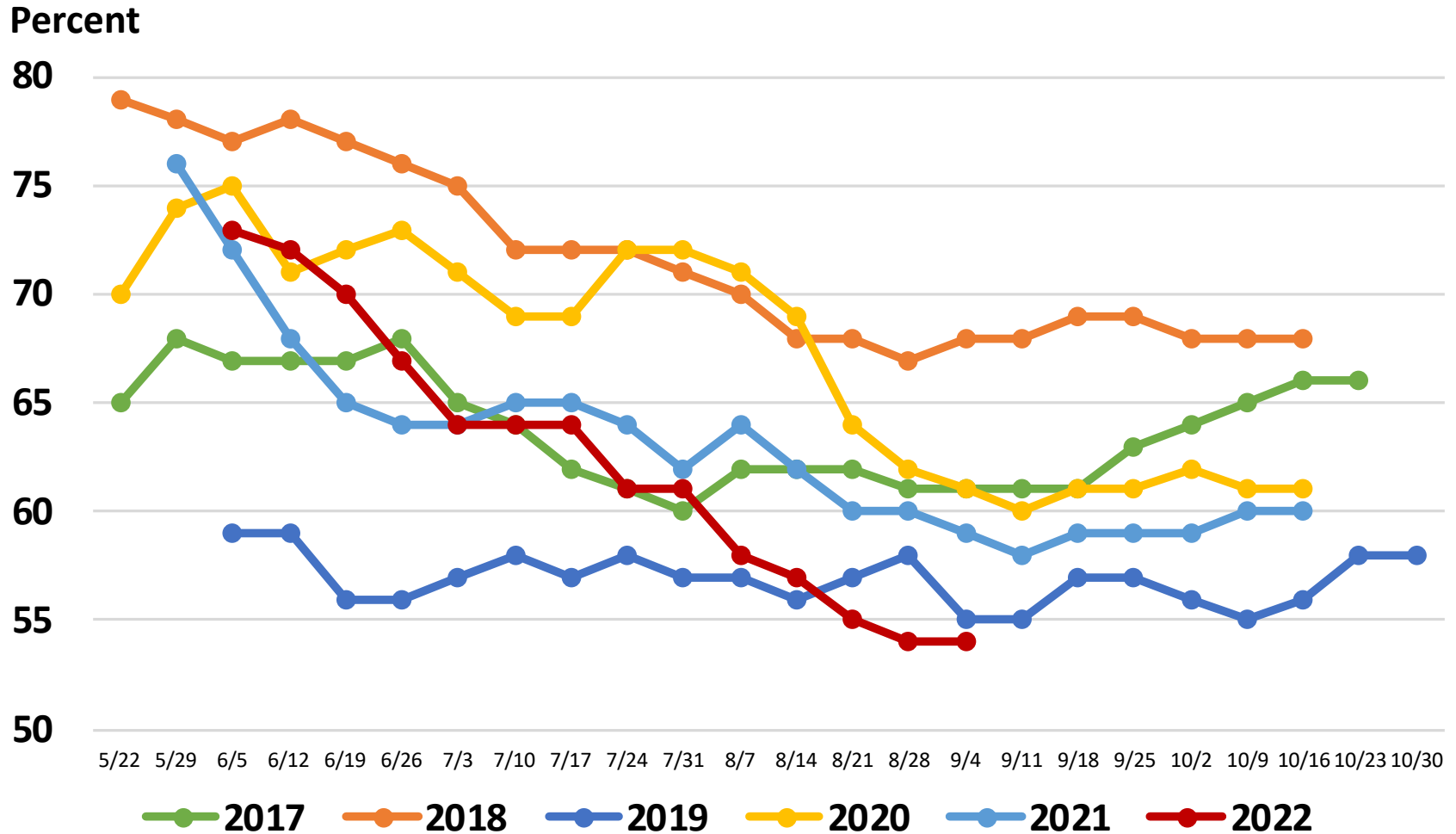


Each September, NASS has the opportunity to revise planted and harvested acreage estimates for chickpeas, cotton, dry edible peas, lentils, peanuts, and rice. This year NASS also included corn, sorghum, soybeans, and sugarbeets in this review due to the completeness of this season's data for these crops. 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

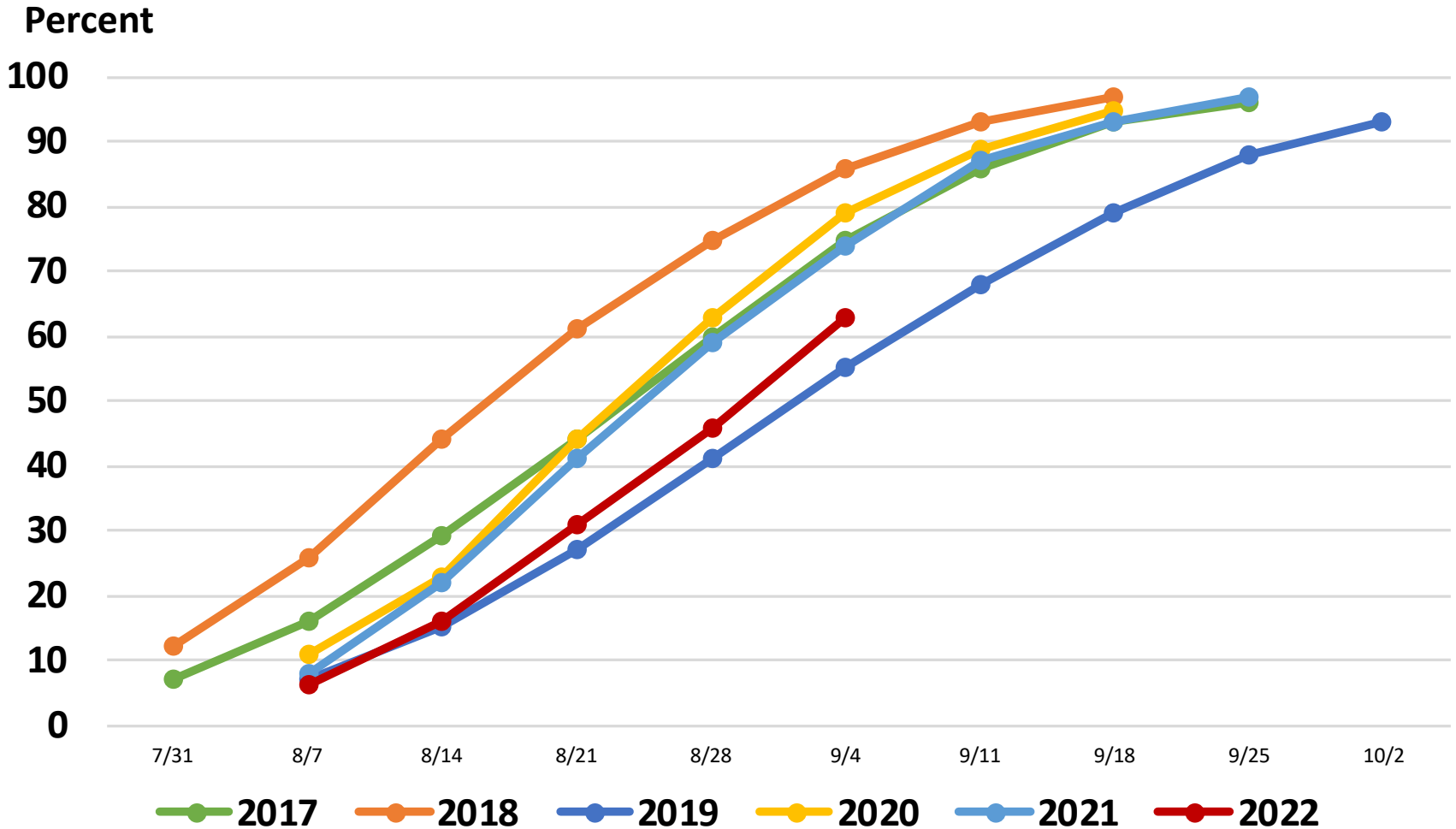
## Percent Rated Good to Excellent





# United States Corn Progress

## Percent Dented





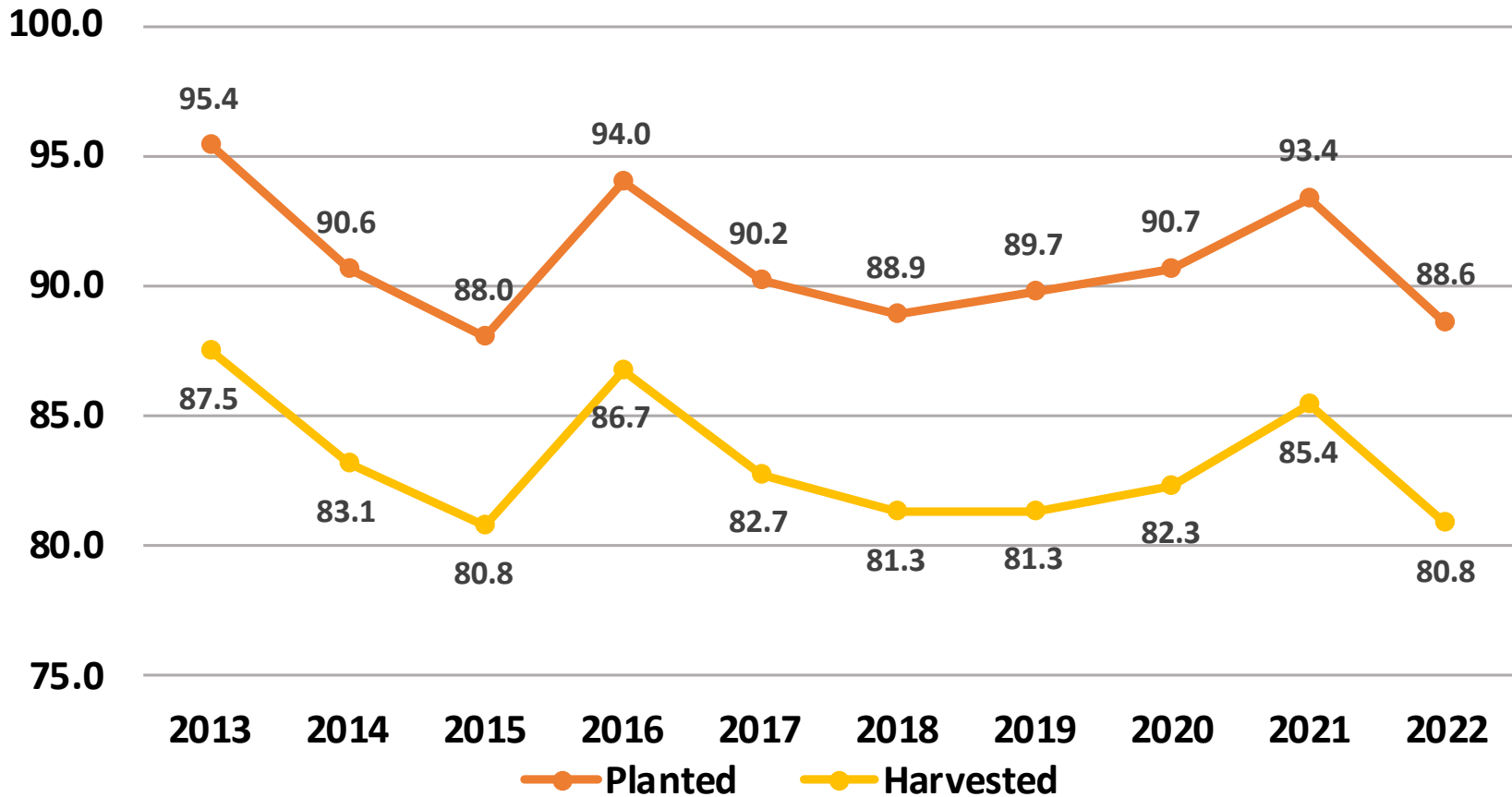
# September 2022 Corn Acreage, Yield, and Production

	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>172.5</b>		<b>13,943,913</b>	
% Change from Previous Estimate	↓	1.4	↓	1.2	↓	1.7	↓	2.9
% Change from Previous Season	↓	5.1	↓	5.3	↓	2.5	↓	7.7

	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
Iowa	12,900	NC	12,450	NC	200	↓ 2.4	2,490,000	↓ 2.4		
Illinois	10,800	↓ 1.8	10,550	↓ 2.8	204	↑ 1.0	2,152,200	↓ 1.8		
Nebraska	9,600	↓ 3.0	9,300	↓ 2.7	176	↓ 9.3	1,636,800	↓ 11.7		
Minnesota	8,050	↓ 4.2	7,550	↓ 3.7	190	↑ 6.7	1,434,500	↑ 2.8		
Indiana	5,200	↓ 3.7	5,050	↓ 4.2	186	↓ 4.6	939,300	↓ 8.6		

# Corn Acres United States

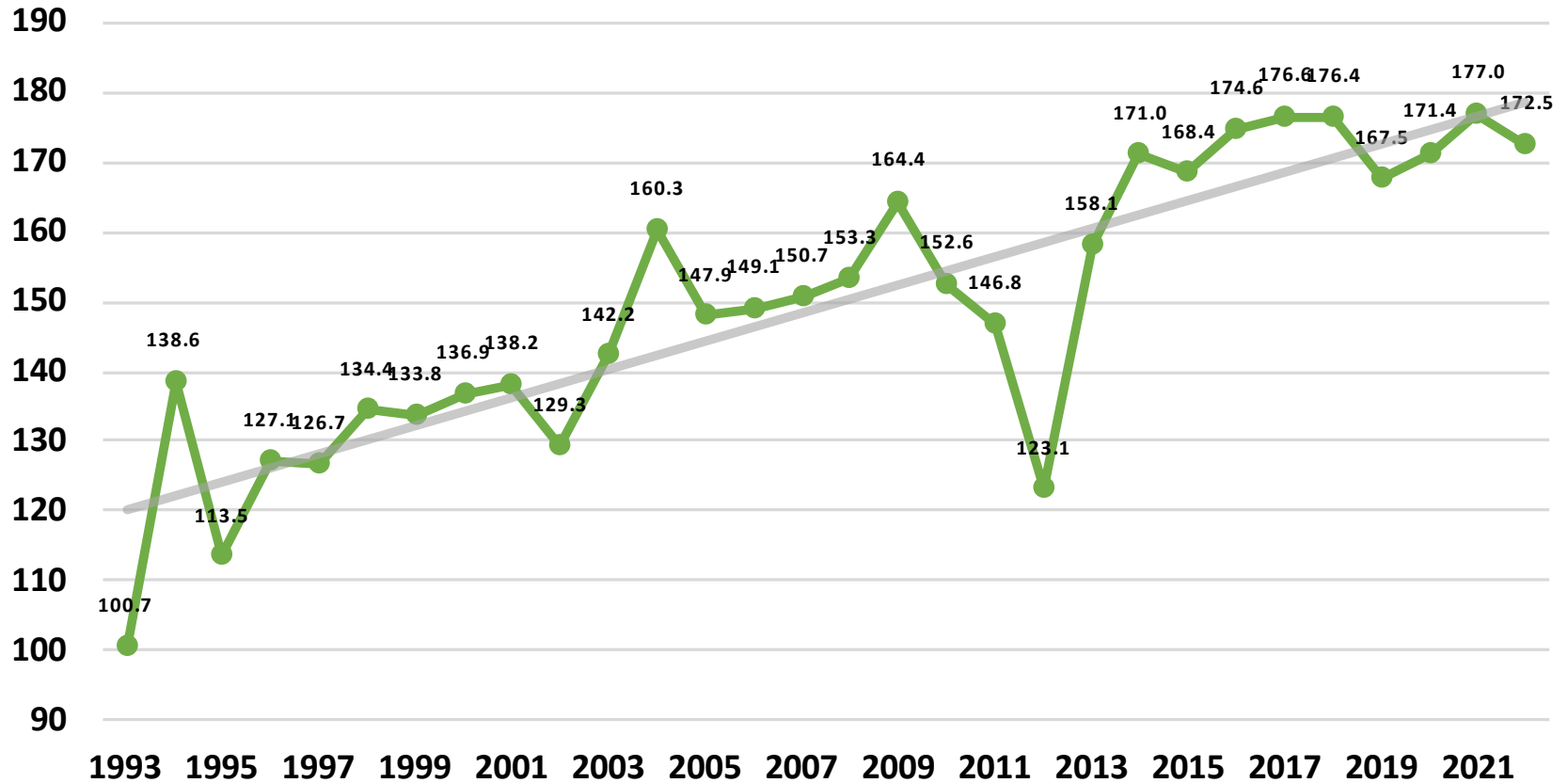
Million Acres





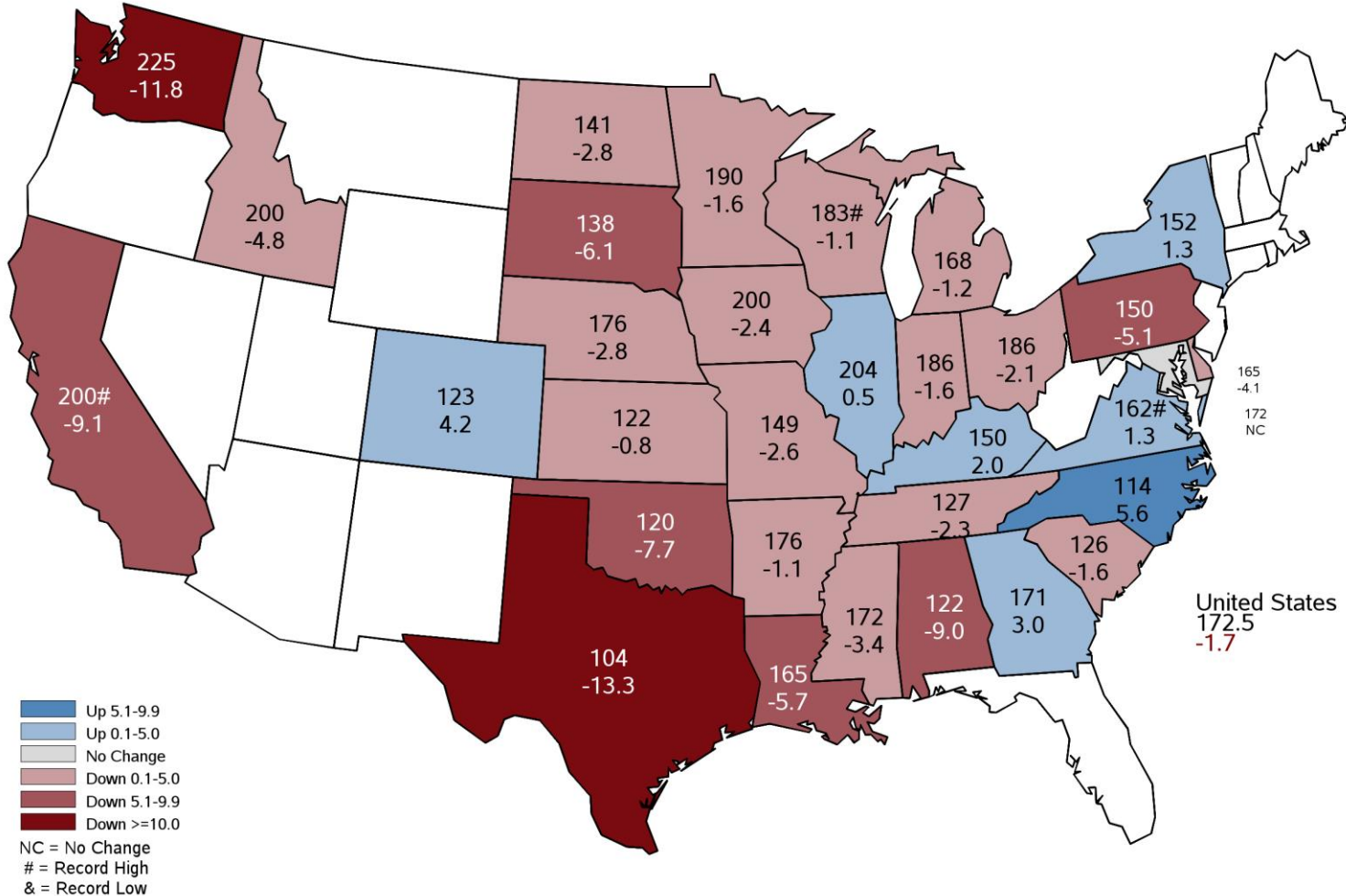
# Corn Yield United States

Bushels per Acre



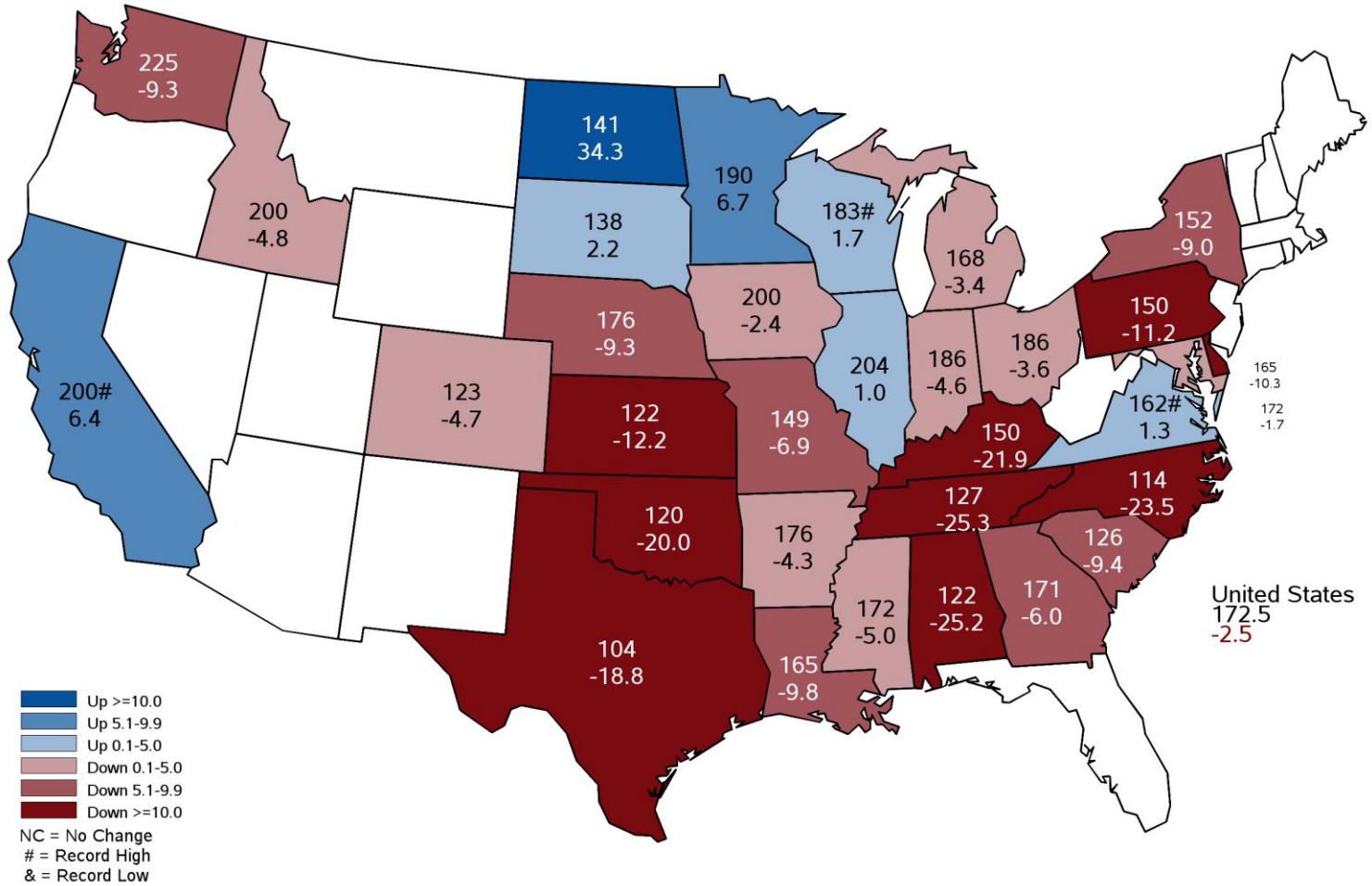
# September 2022 Corn Yield

## Bushels and Percent Change from Previous Month

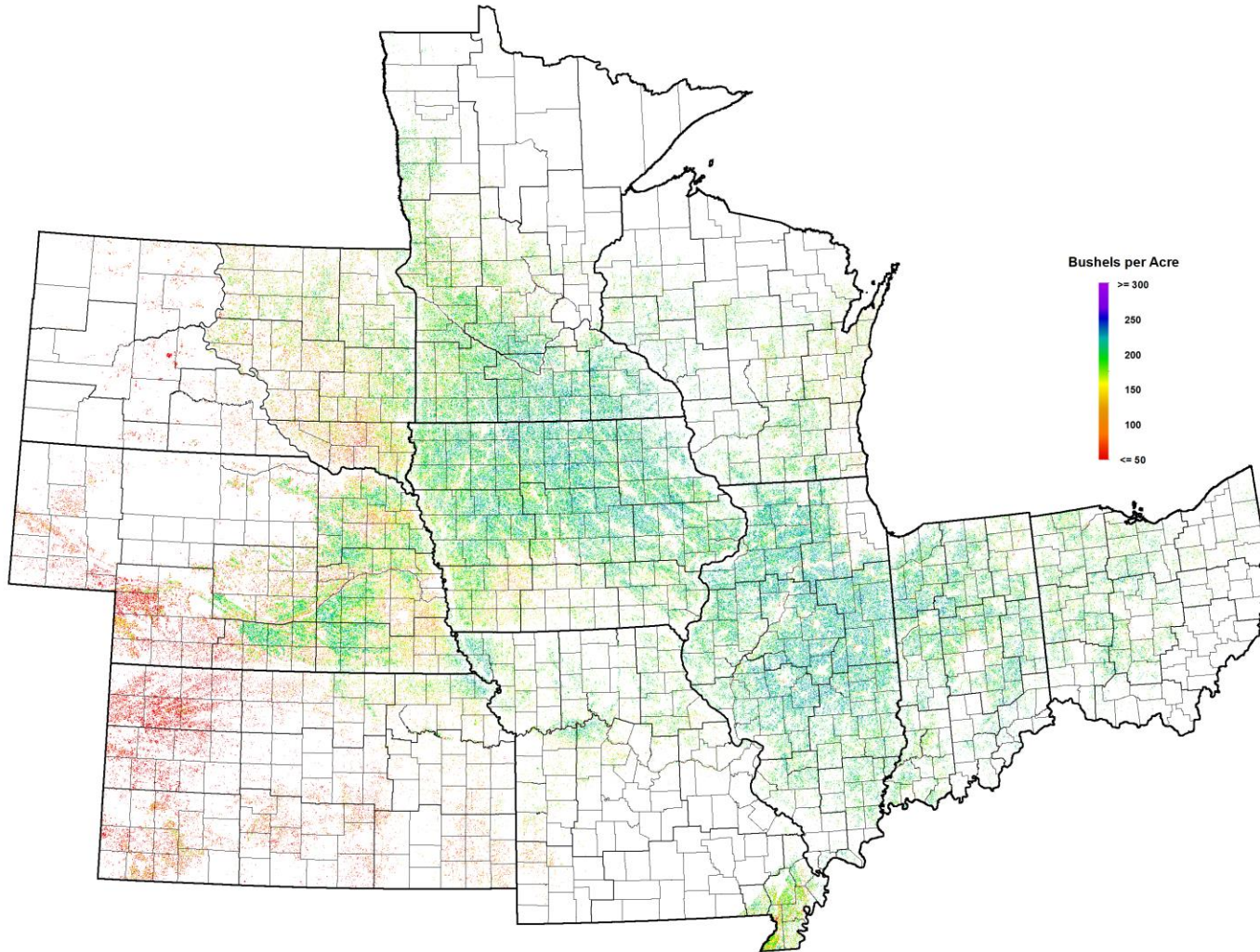


# September 2022 Corn Yield

## Bushels and Percent Change from Previous Year



# September 2022 Corn NASA Terra MODIS Modeled Yield



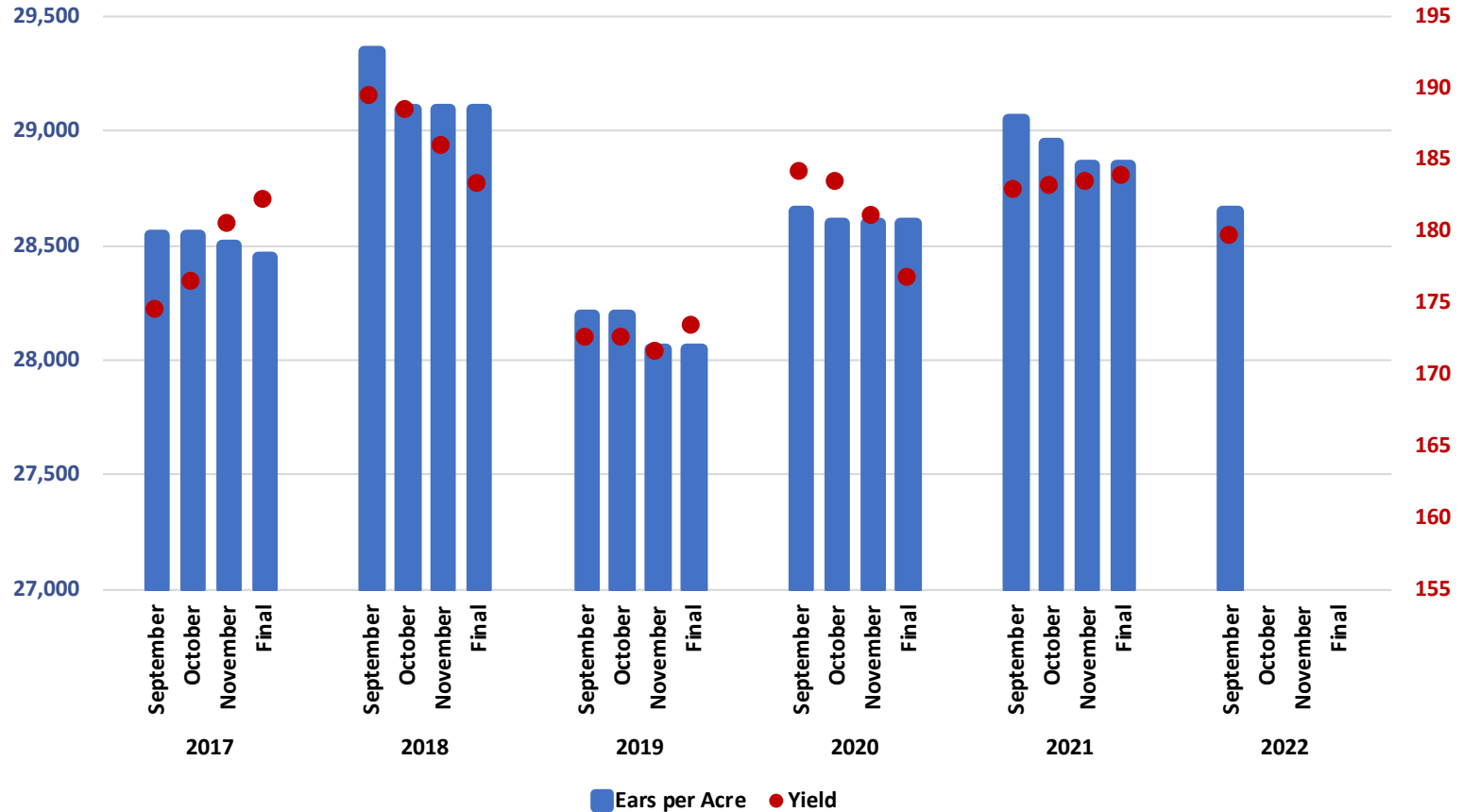


# September 2022 Corn Objective Yield

## Ears per Acre and Yield for 10 State Region

Ears per Acre

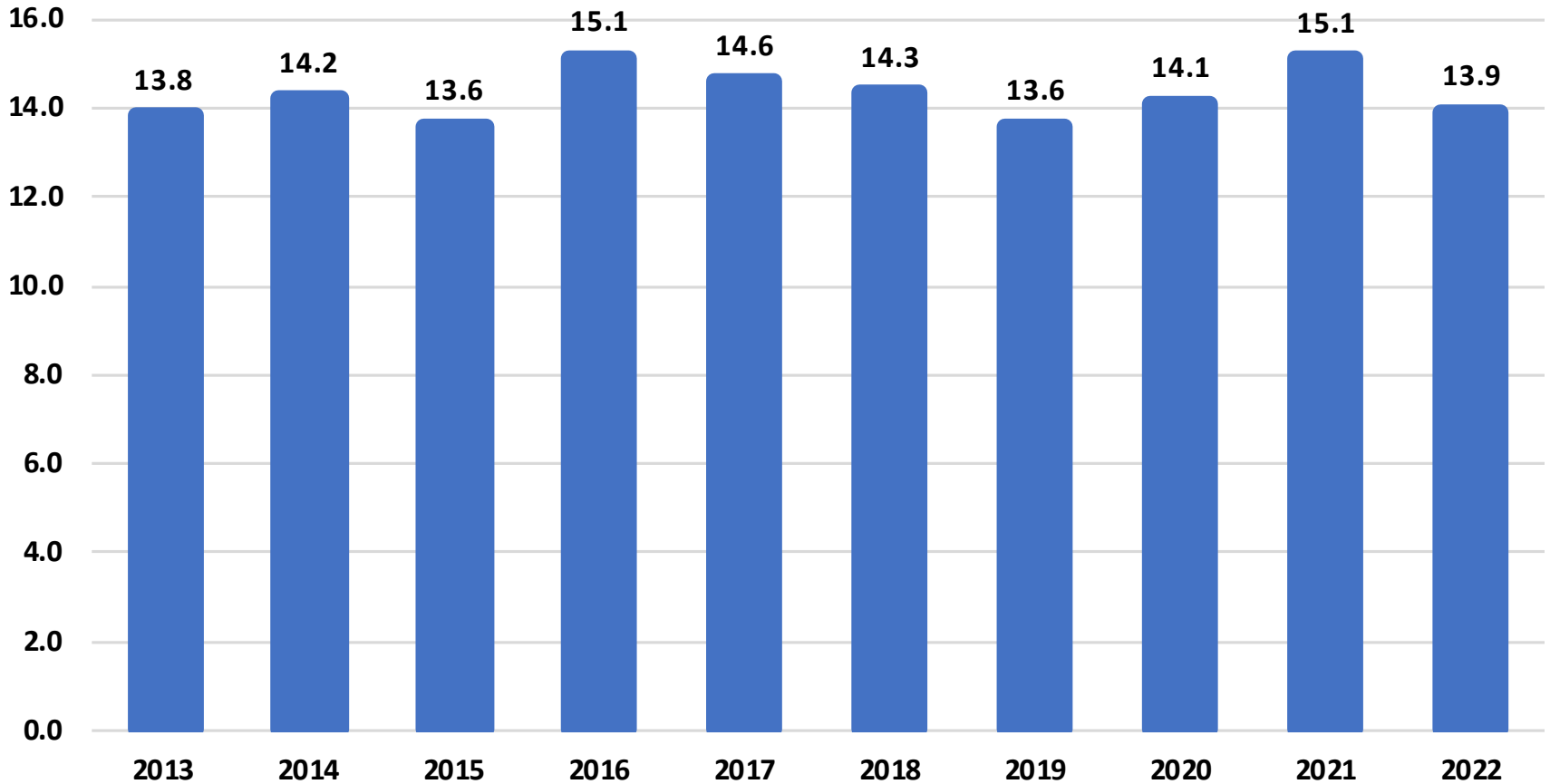
Bushels per Acre



# Corn Production

## United States

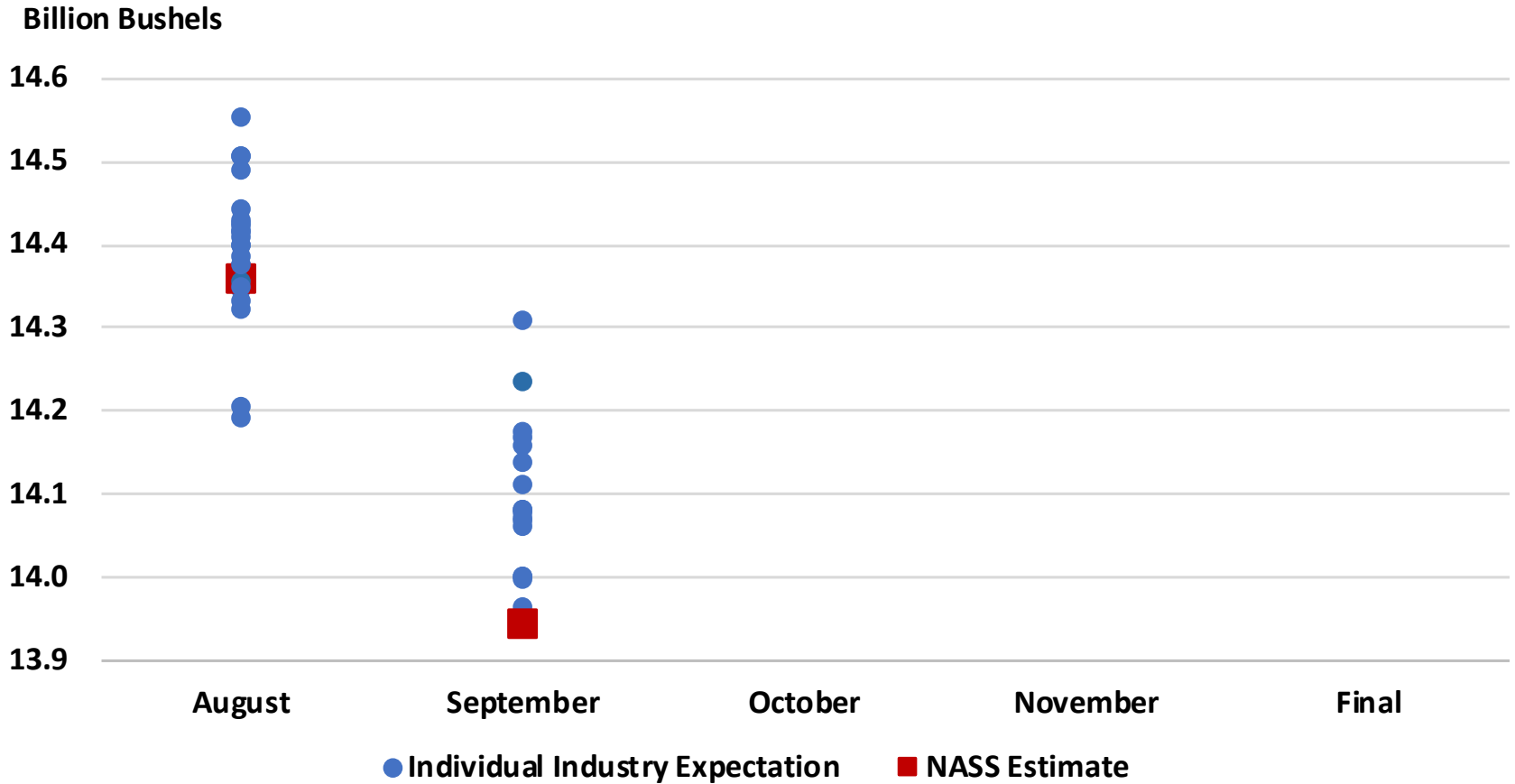
Billion Bushels





# 2022 U.S. Corn Production

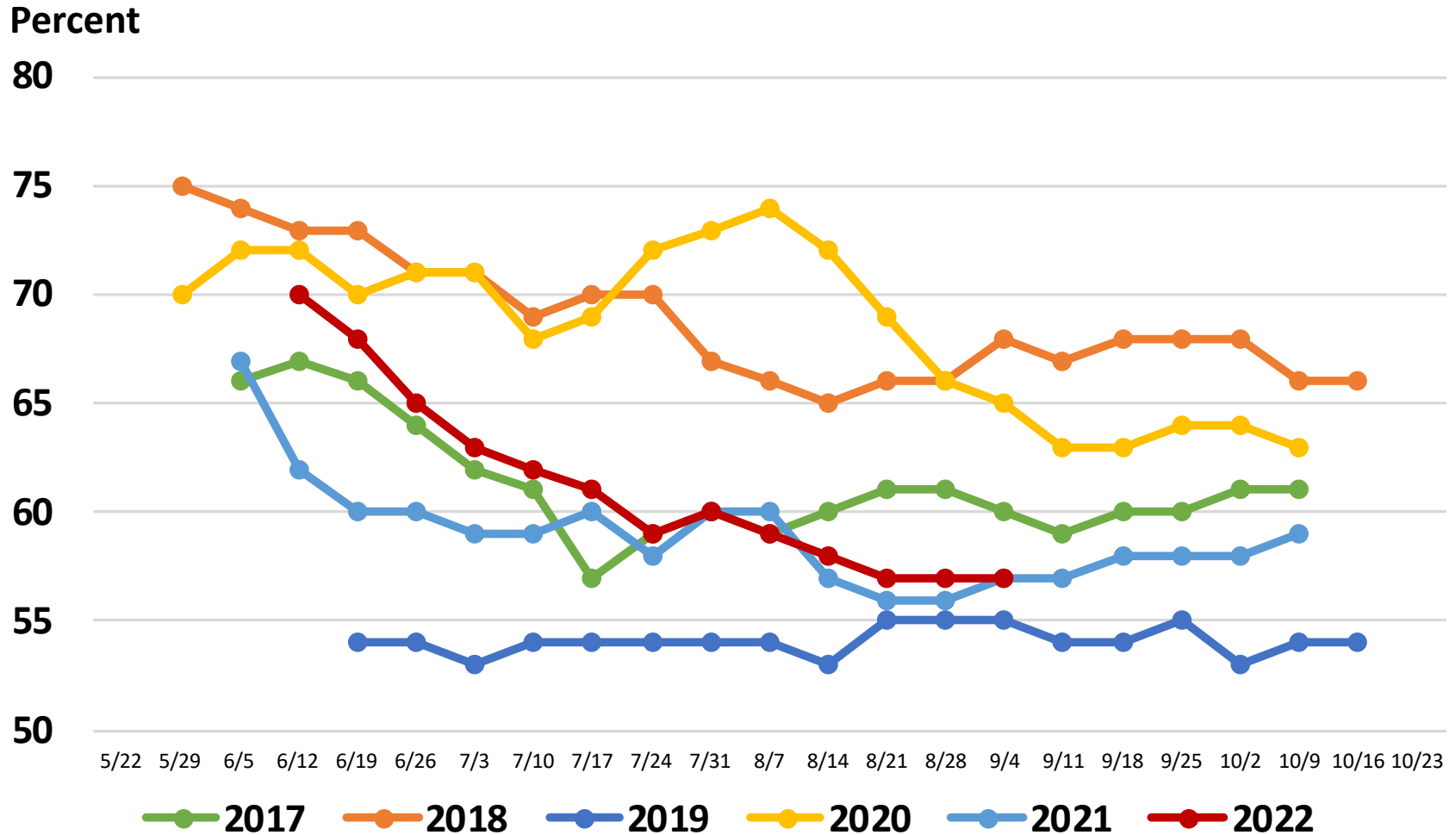
## Industry Expectations vs NASS





# United States Soybean Condition

## Percent Rated Good to Excellent

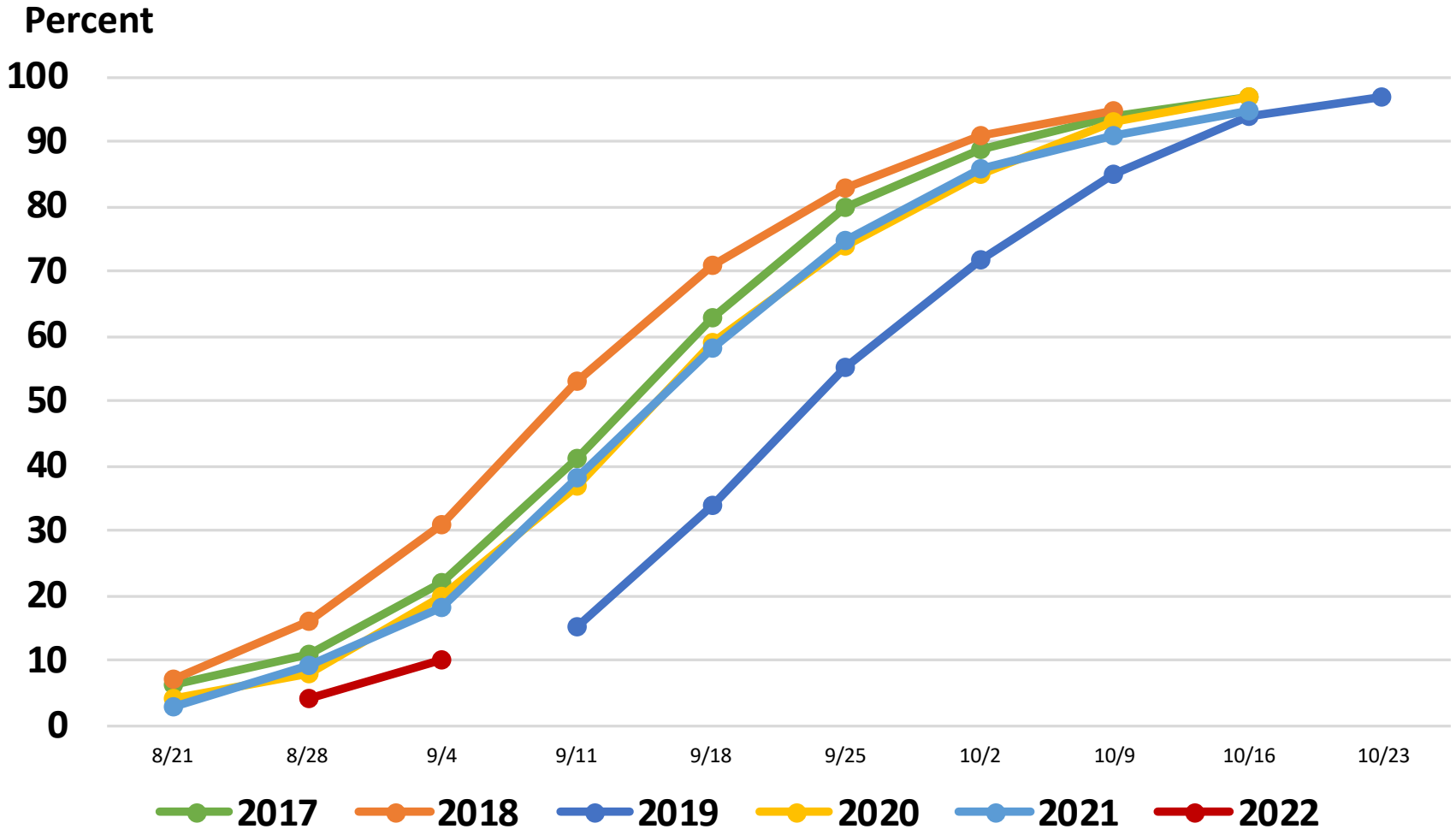






# United States Soybean Progress

## Percent Dropping Leaves





# September 2022 Soybeans

## Acreage, Yield, and Production

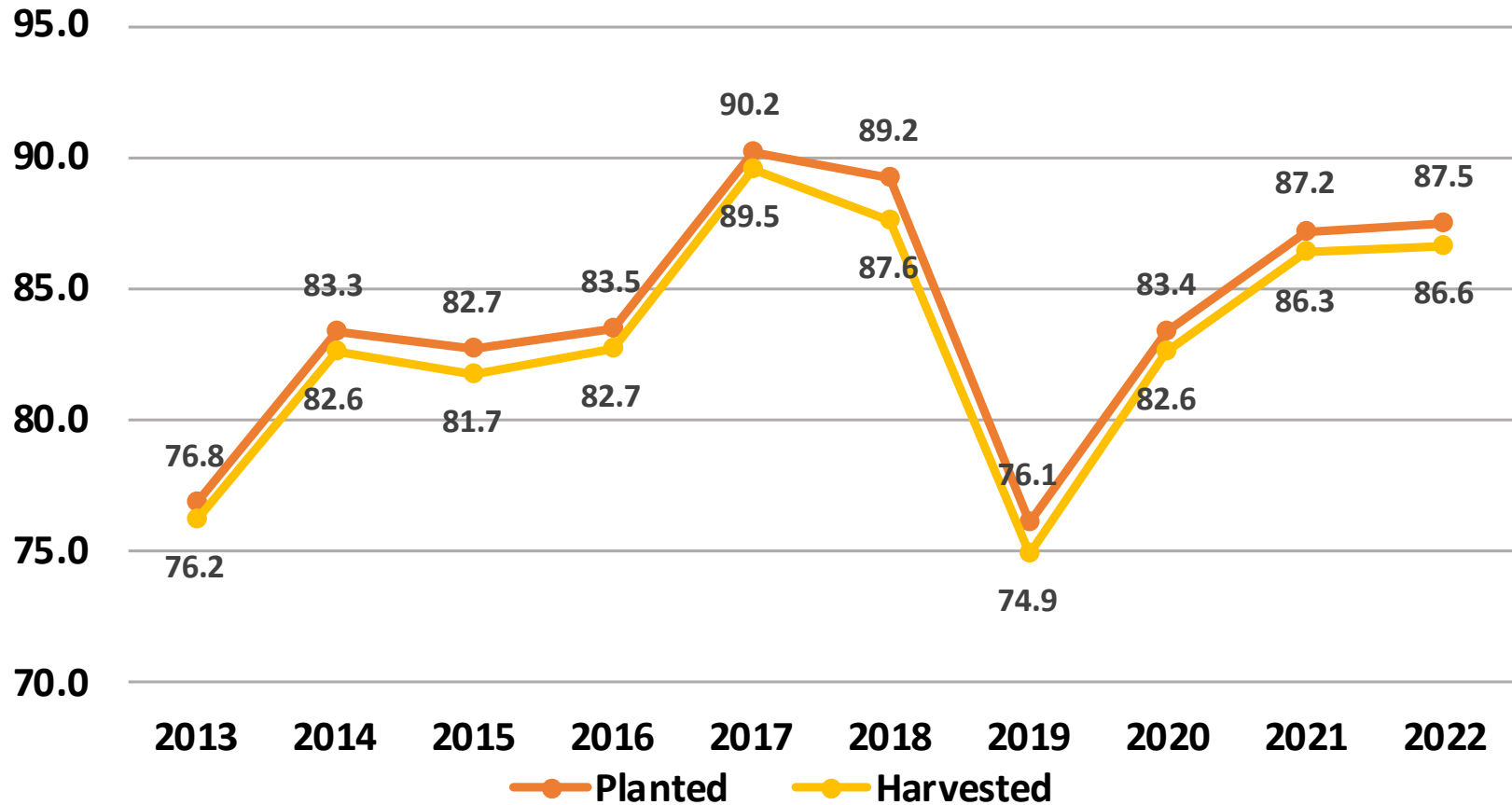
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
<b>United States</b>	<b>87,455</b>		<b>86,631</b>		<b>50.5</b>		<b>4,378,194</b>	
% Change from Previous Estimate	↓	0.6	↓	0.7	↓	2.7	↓	3.4
% Change from Previous Season	↑	0.3	↑	0.3	↓	1.8	↓	1.3

	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	NC	684,800	↑ 1.8
Iowa	10,100	NC	10,020	↓ 0.1	59.0	↓ 4.8	591,180	↓ 4.9
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	60.0	↑ 0.8	349,800	↑ 4.2
Nebraska	5,750	↑ 2.7	5,700	↑ 2.3	52.0	↓ 17.5	296,400	↓ 15.5

# Soybean Acres

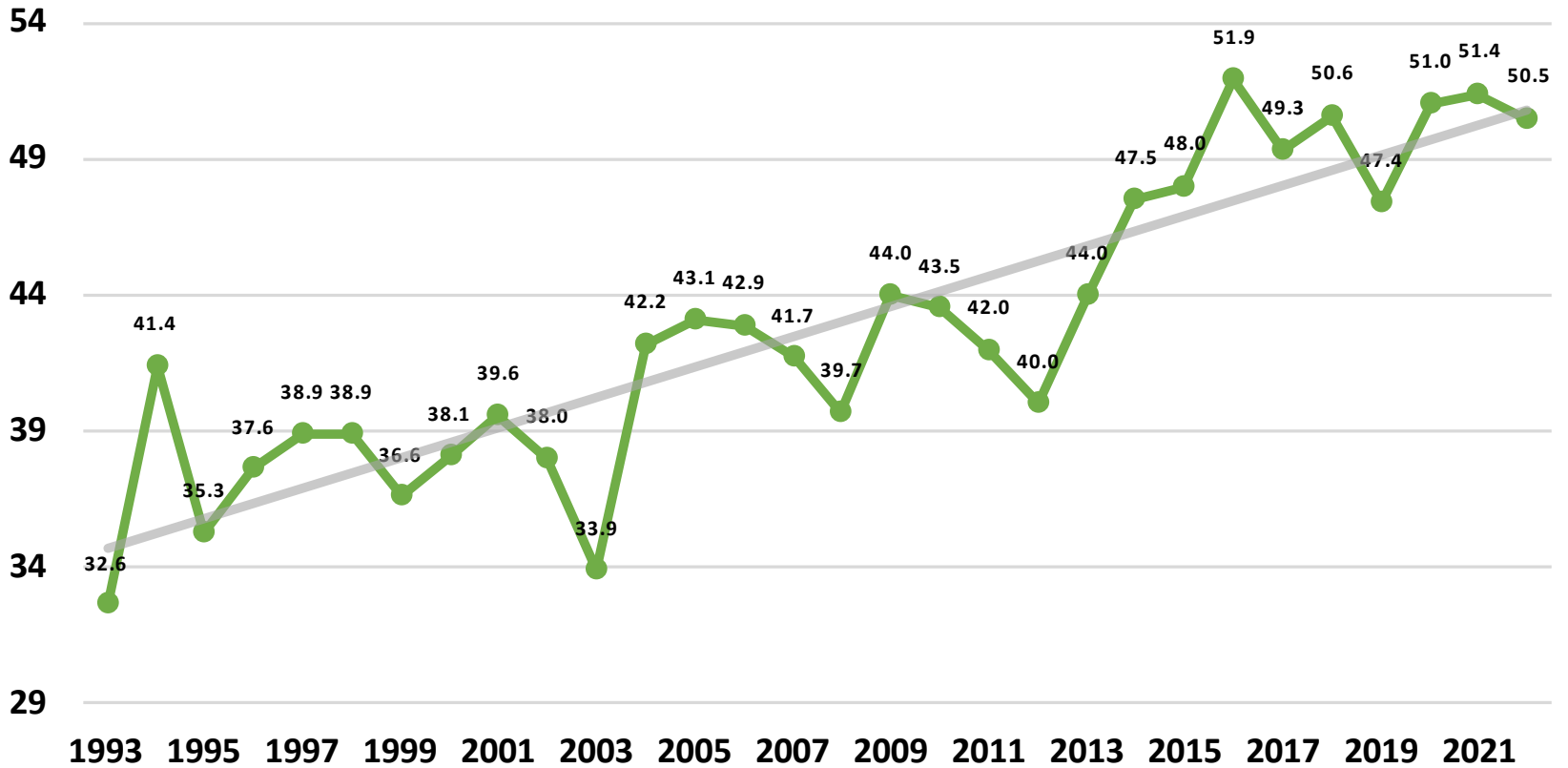
## United States

Million Acres



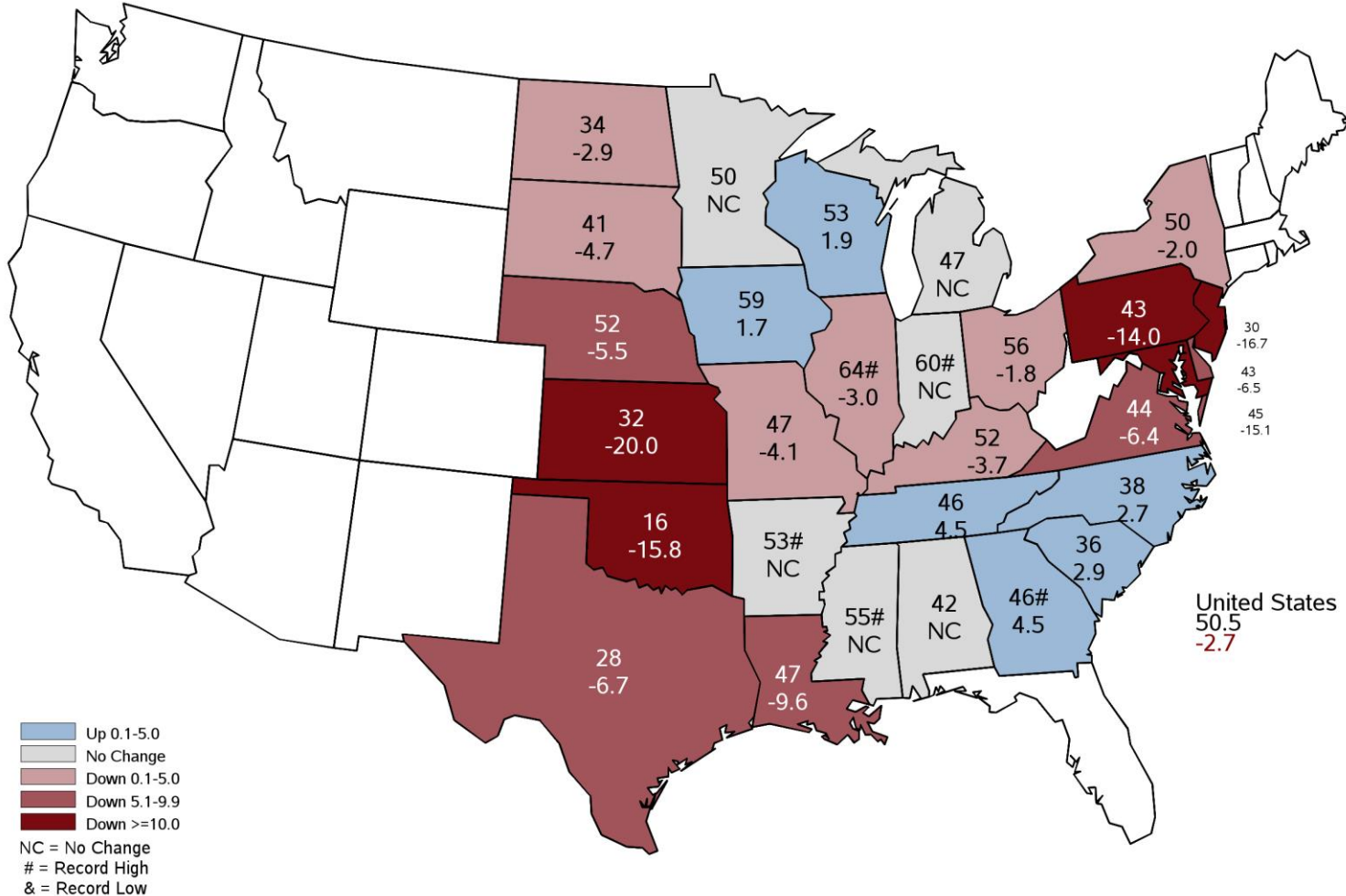
# Soybean Yield United States

Bushels per Acre



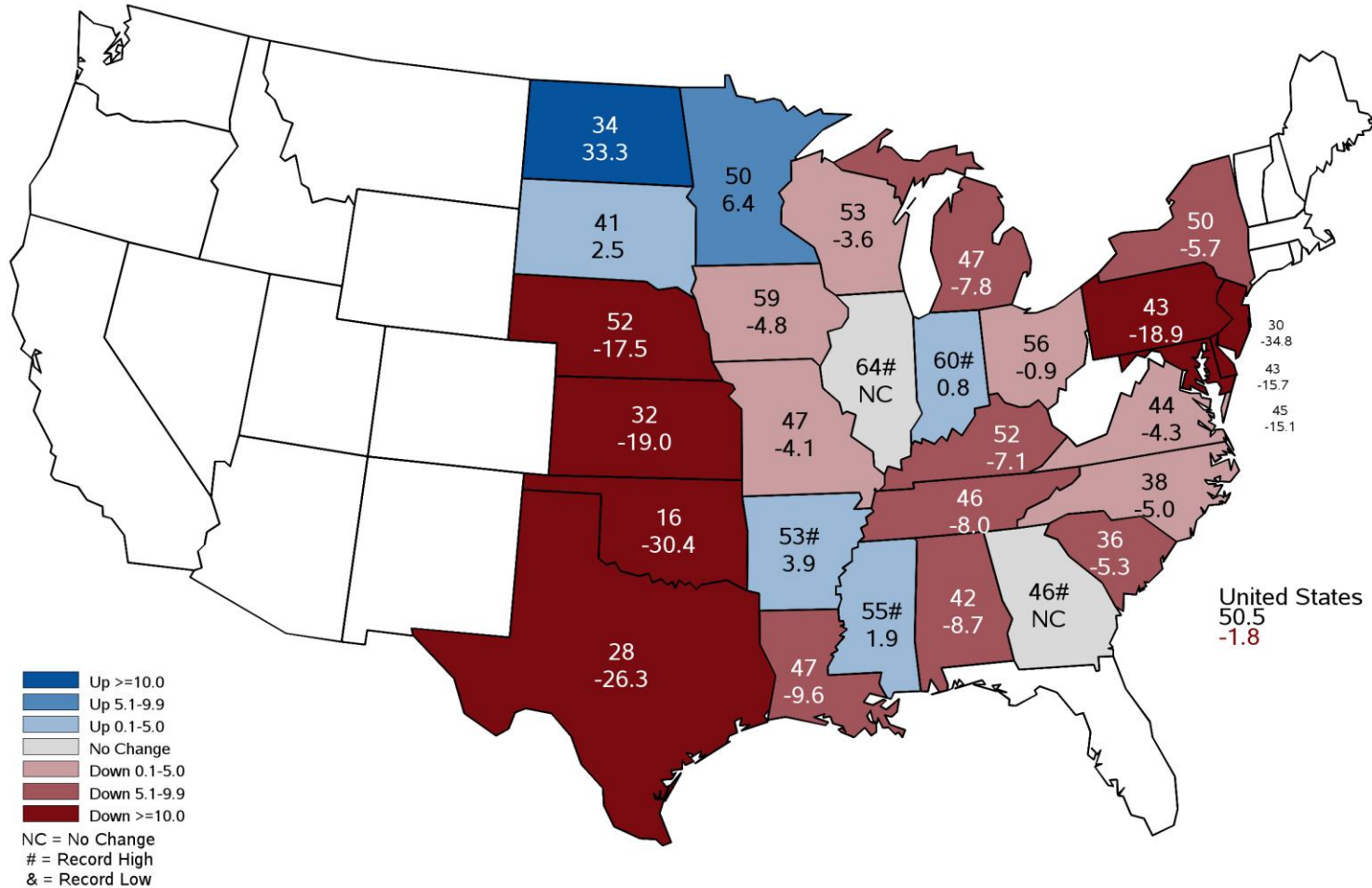
# September 2022 Soybean Yield

## Bushels and Percent Change from Previous Month



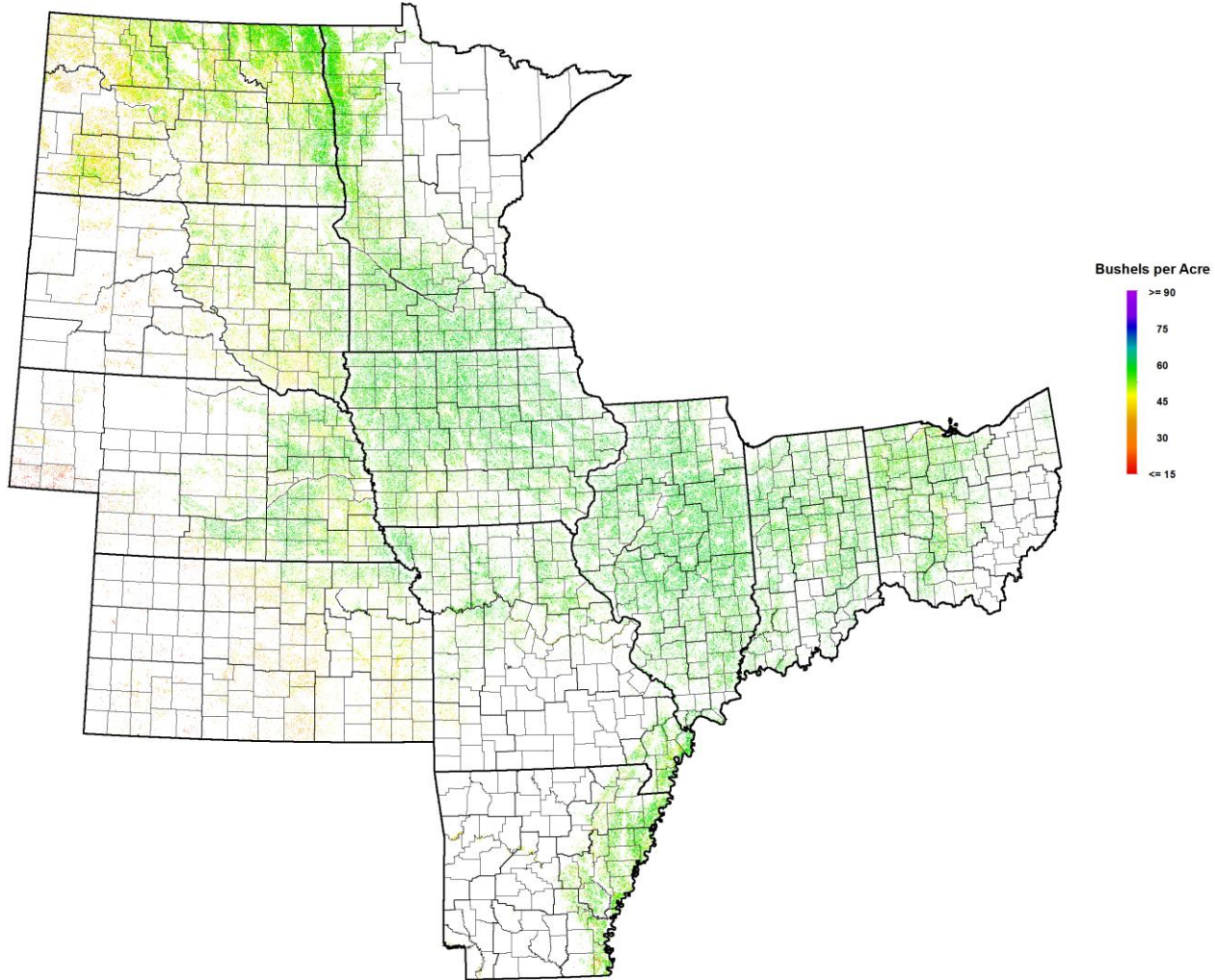
# September 2022 Soybean Yield

## Bushels and Percent Change from Previous Year



# September 2022 Soybeans

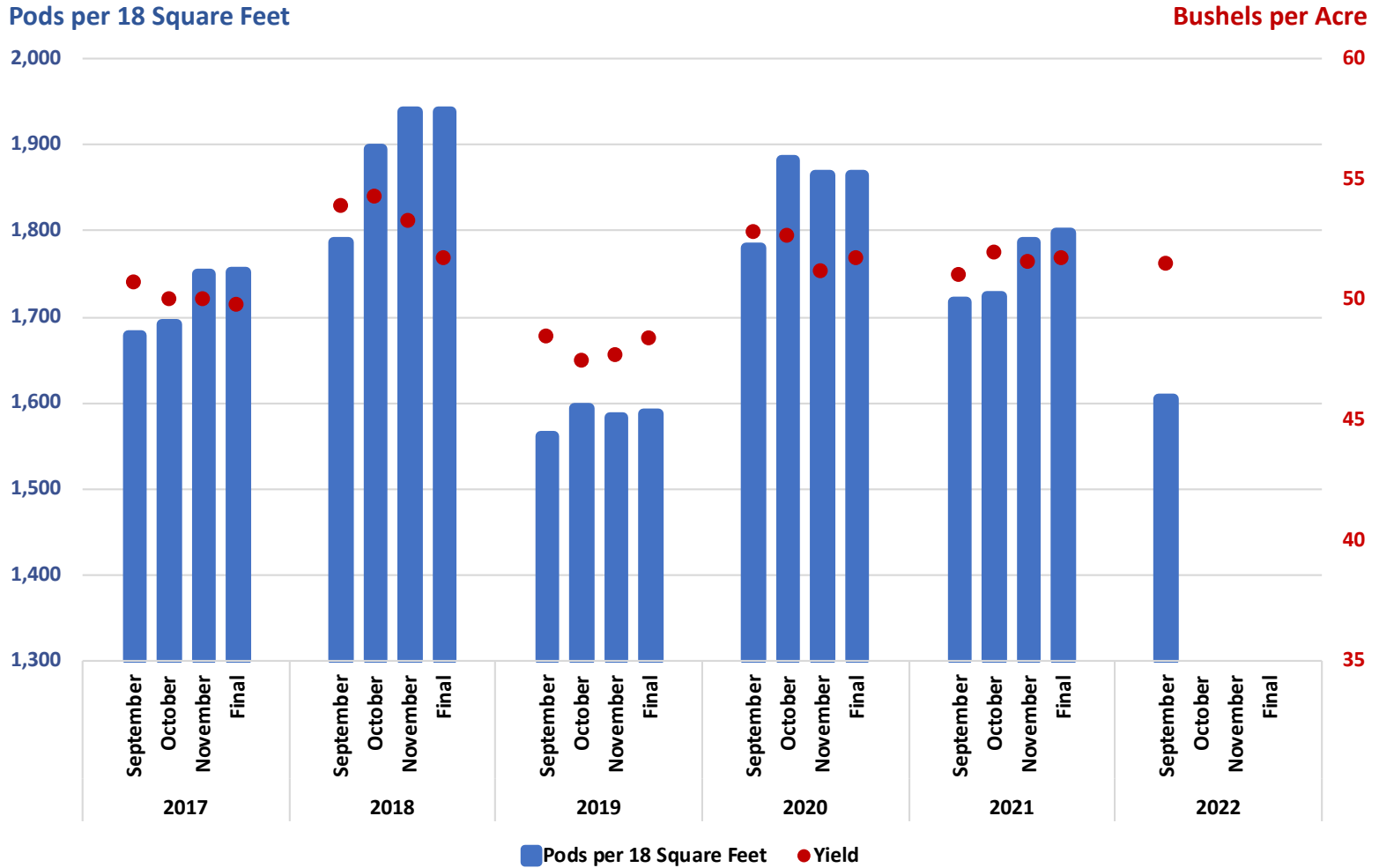
## NASA Terra MODIS Modeled Yield





# September 2022 Soybean Objective Yield

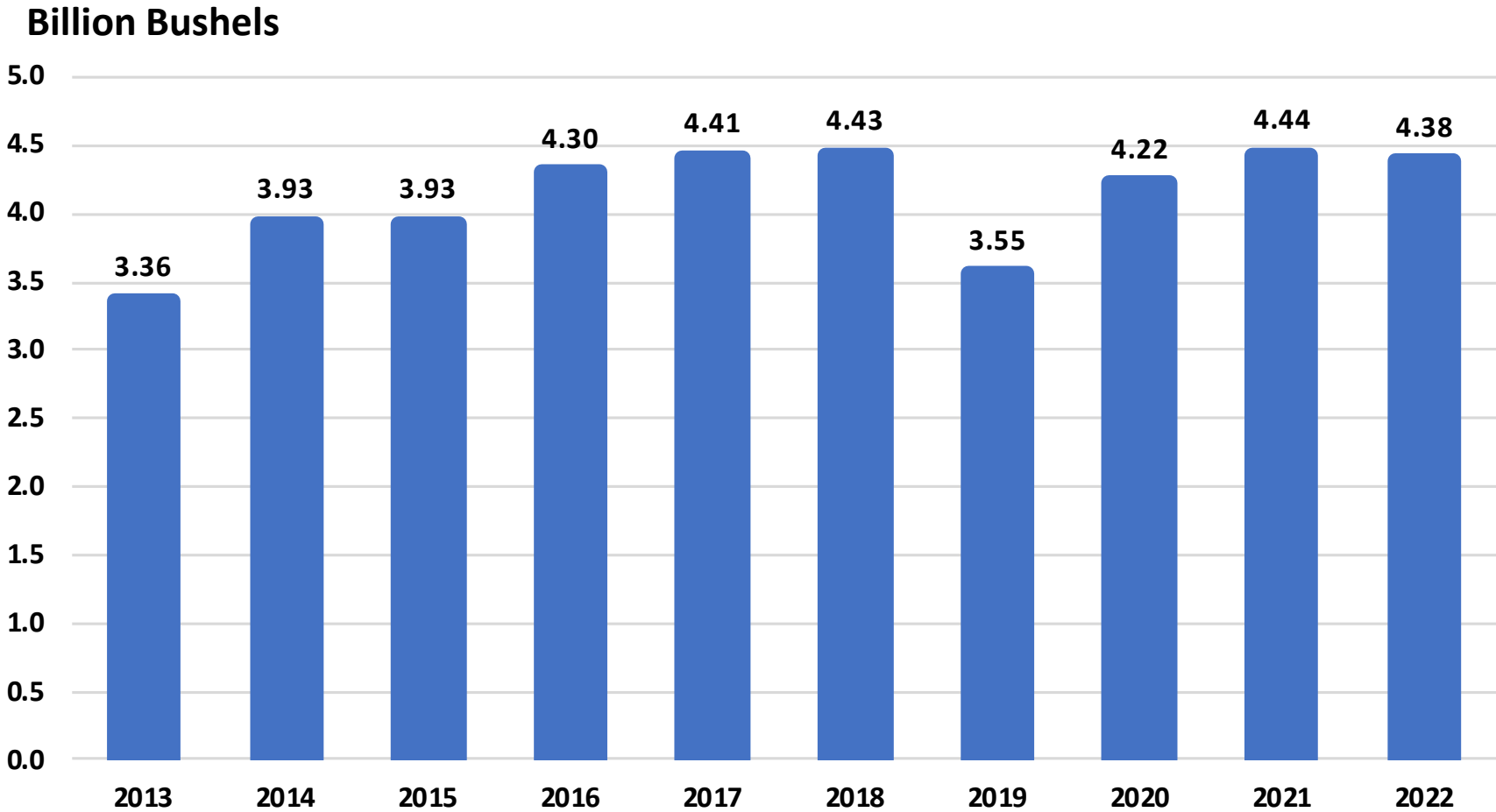
## Pods per 18 Square Feet and Yield for 11 State Region





# Soybean Production

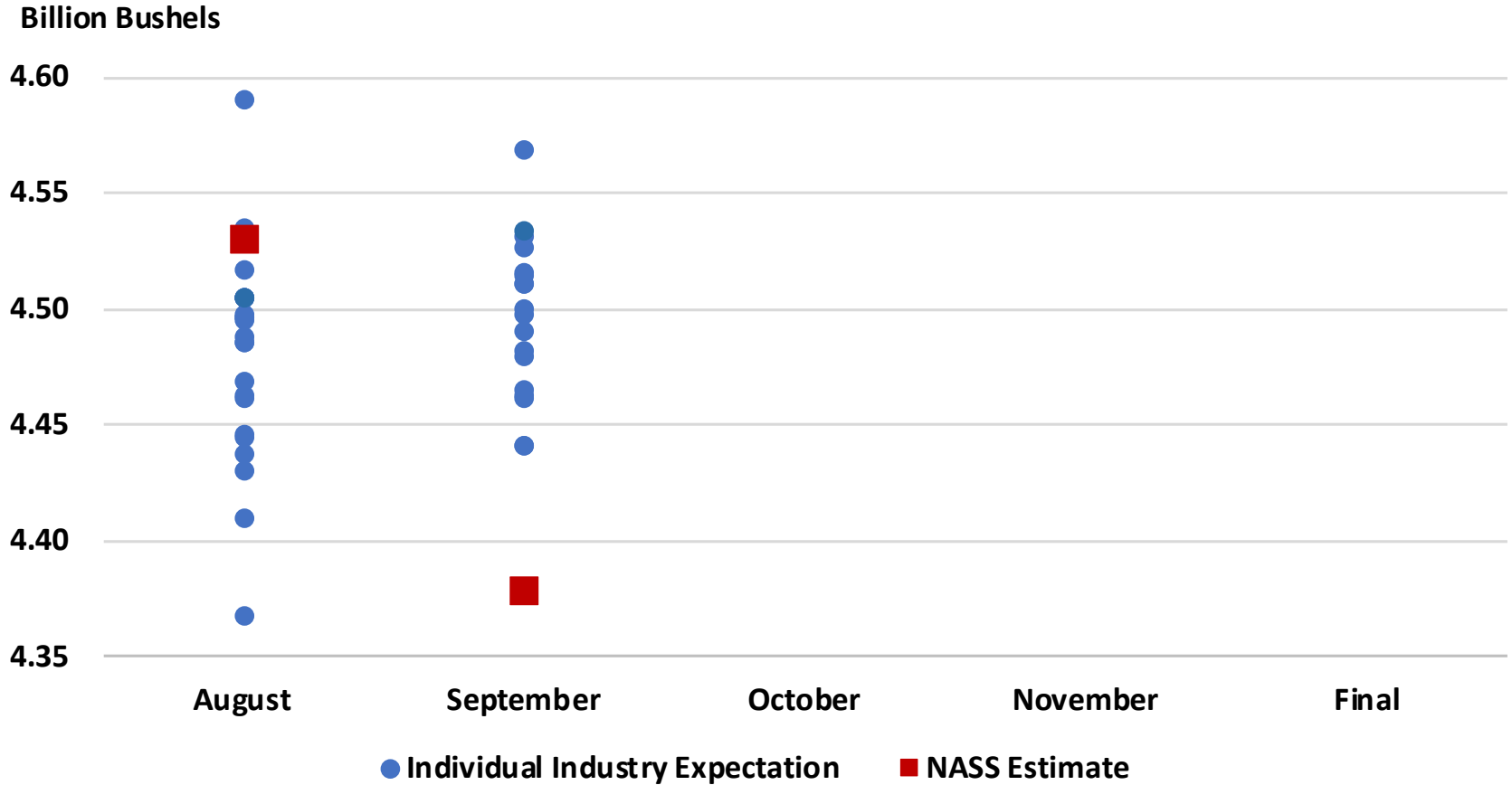
## United States





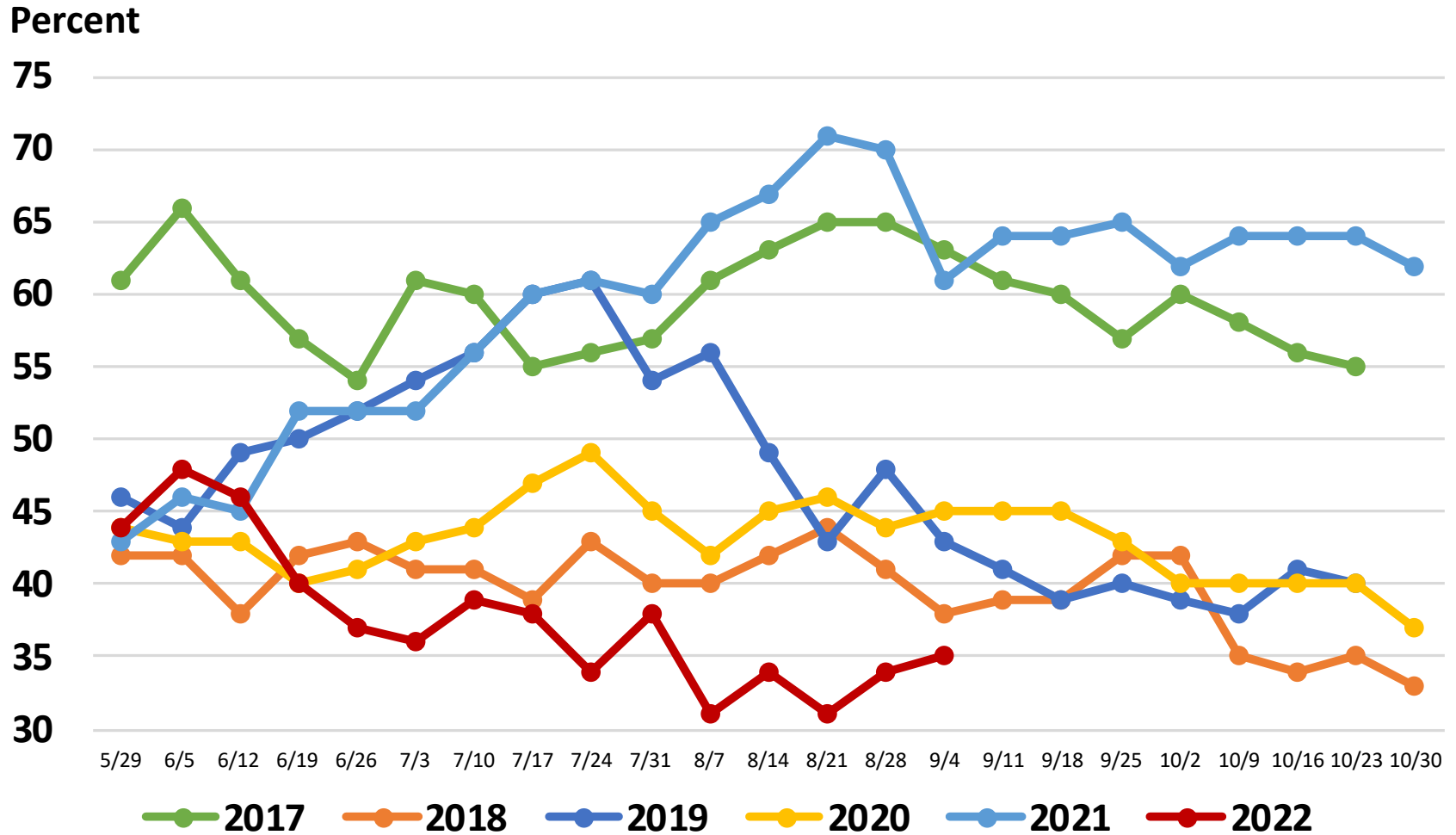
# 2022 U.S. Soybean Production

## Industry Expectations vs NASS



# United States Cotton Condition

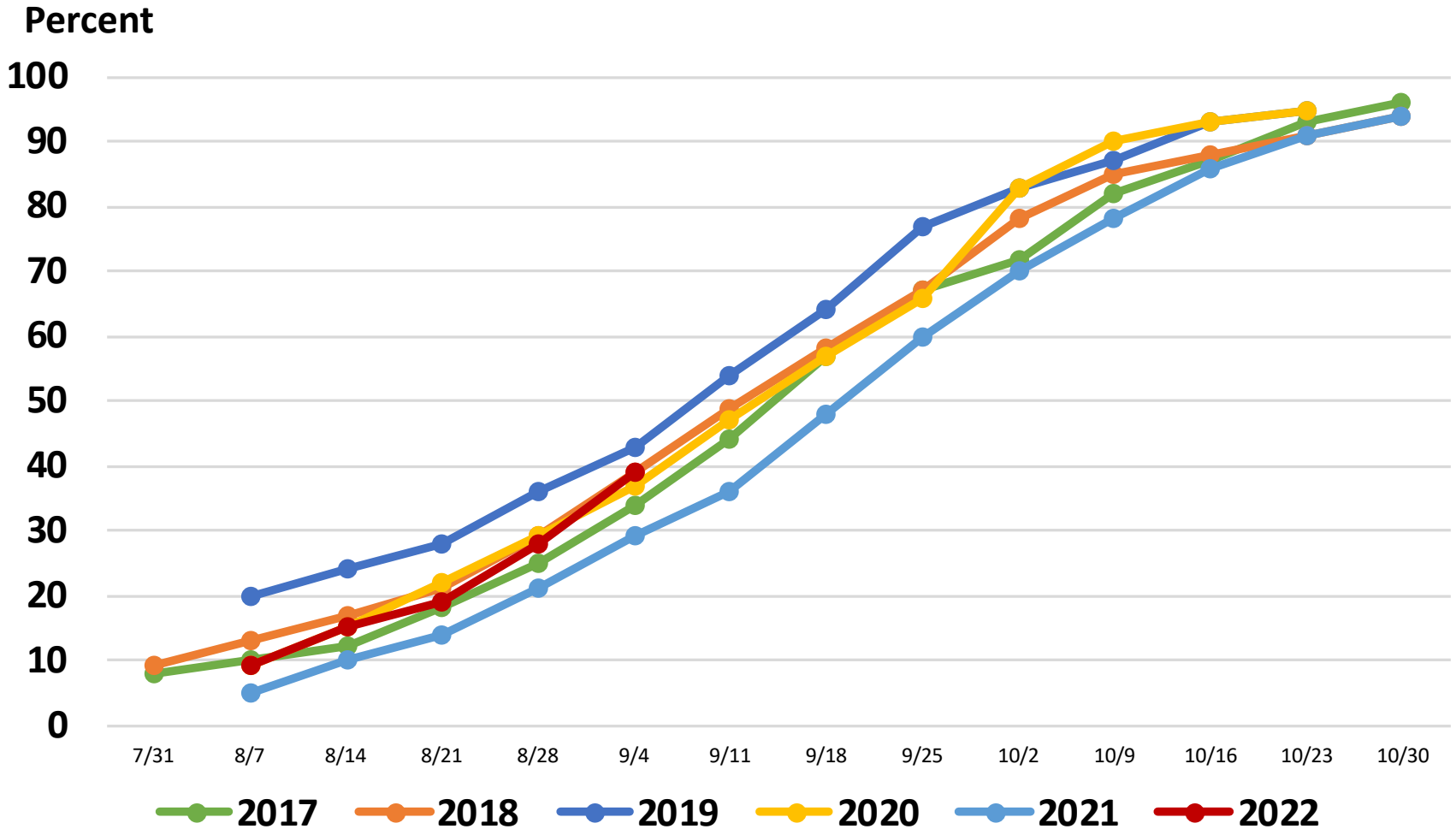
## Percent Rated Good to Excellent





# United States Cotton Progress

## Percent Bolls Opening





# September 2022 Cotton Acreage, Yield, and Production

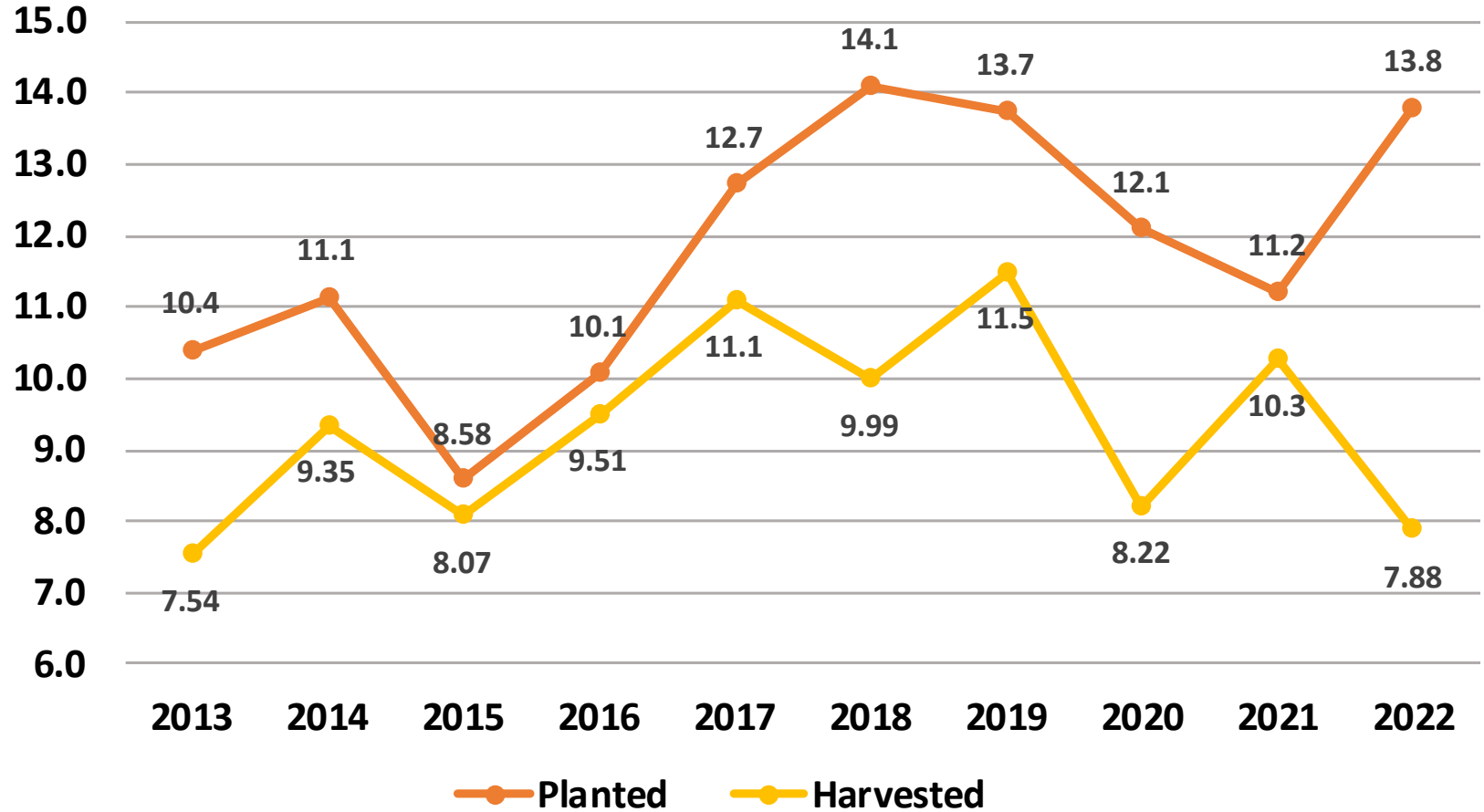
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
<b>United States</b>	<b>13,791</b>	<b>7,876</b>	<b>843</b>	<b>13,832</b>
% Change from Previous Estimate	↑ 10.5	↑ 10.5	↓ 0.4	↑ 10.0
% Change from Previous Season	↑ 23.0	↓ 23.3	↑ 2.9	↓ 21.1

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	616.0	↓ 7.5	3,245	↓ 58.0	
Georgia	1,290	↑ 10.3	1,280	↑ 10.3	900.0	↓ 1.5	2,400	↑ 8.6	
Arkansas	640	↑ 33.3	630	↑ 32.6	1,219.0	↓ 2.3	1,600	↑ 29.6	
Mississippi	530	↑ 19.1	525	↑ 22.1	1,006.0	↑ 0.9	1,100	↑ 23.2	
North Carolina	470	↑ 25.3	455	↑ 24.7	918.0	↓ 9.7	870	↑ 12.5	

# Cotton Acres

## United States

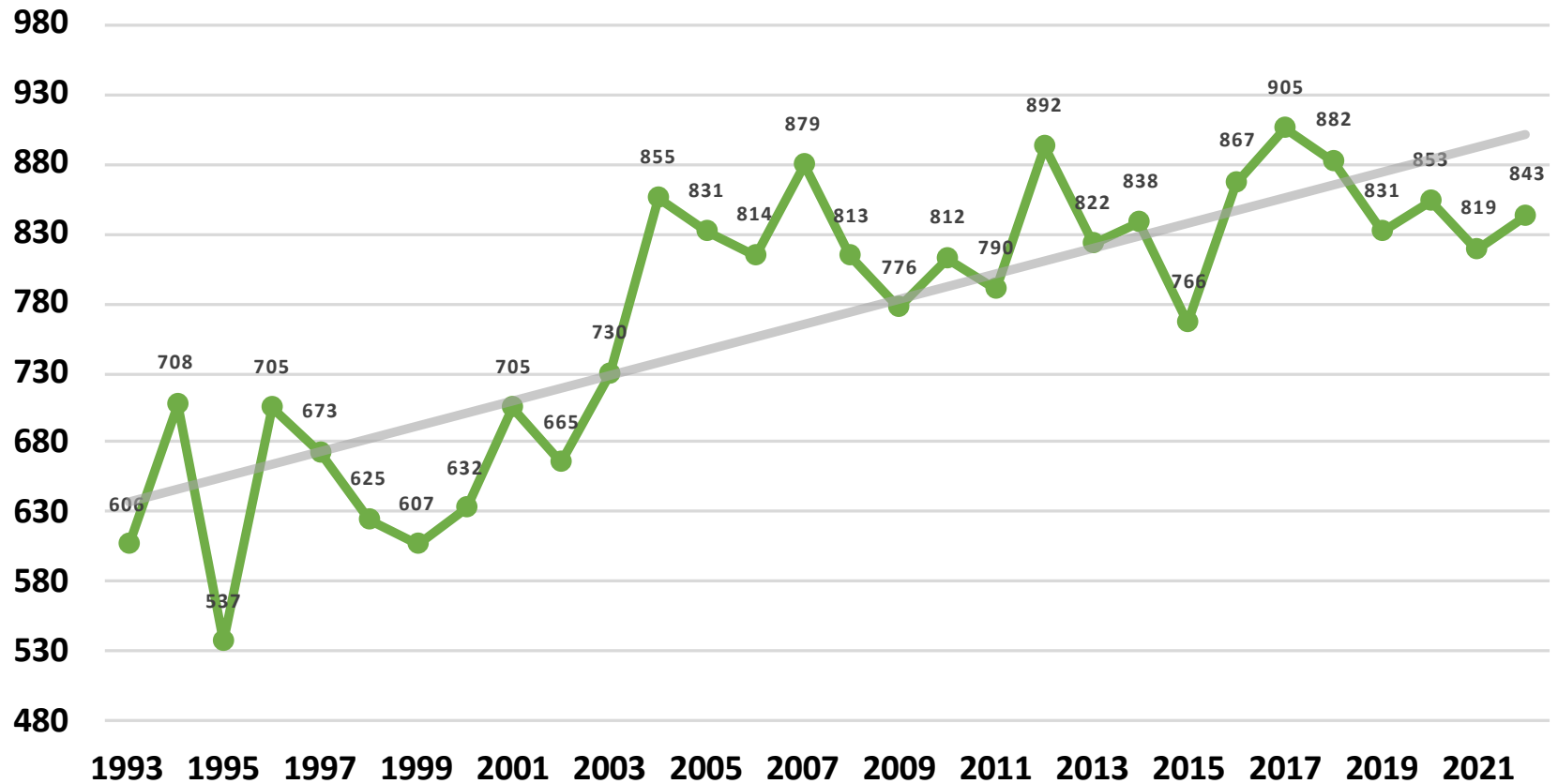
Million Acres



# Cotton Yield

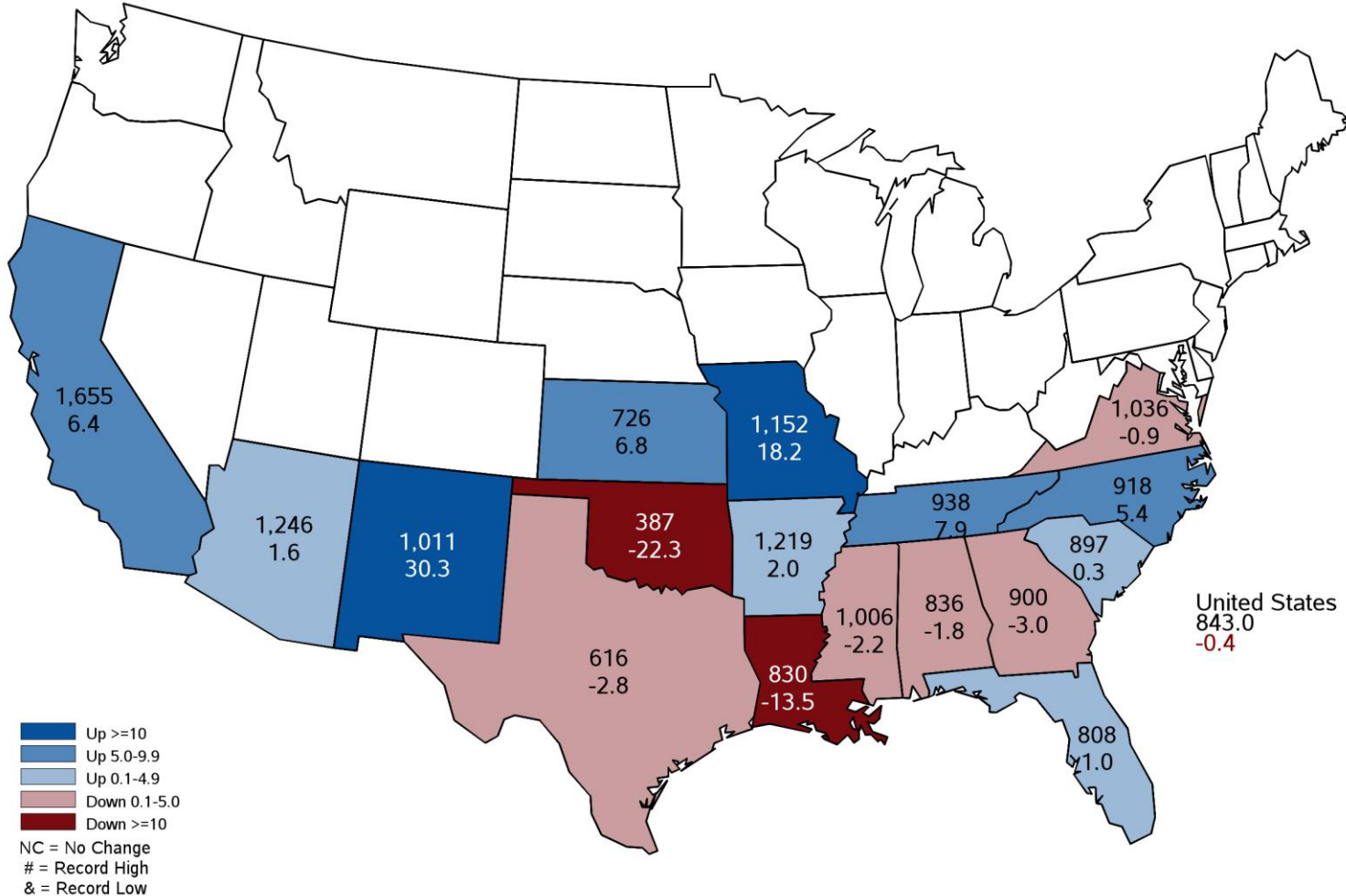
## United States

Pounds per Acre



# September 2022 Cotton Yield

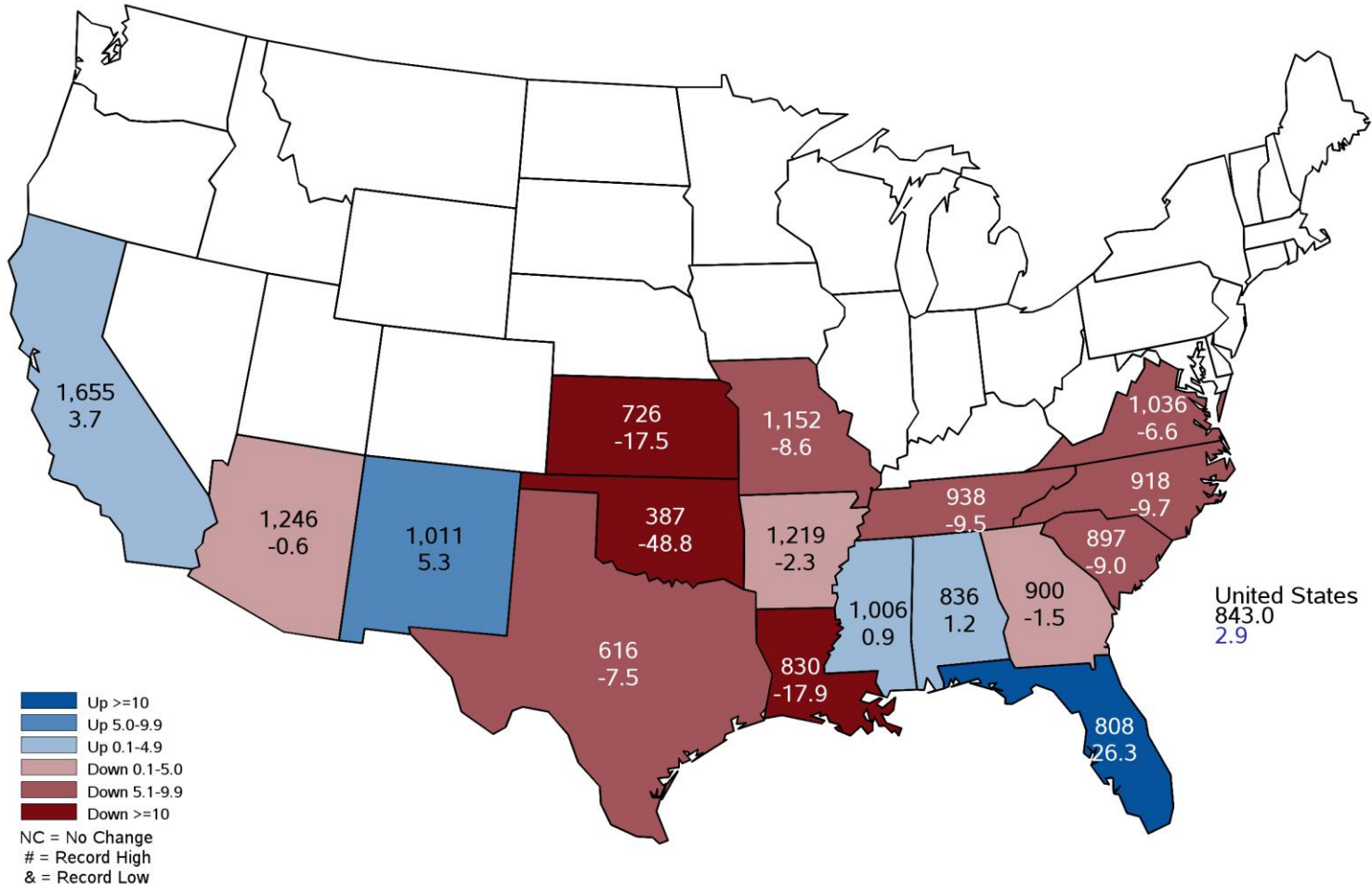
## Pounds and Percent Change from Previous Month





# September 2022 Cotton Yield

## Pounds and Percent Change from Previous Year

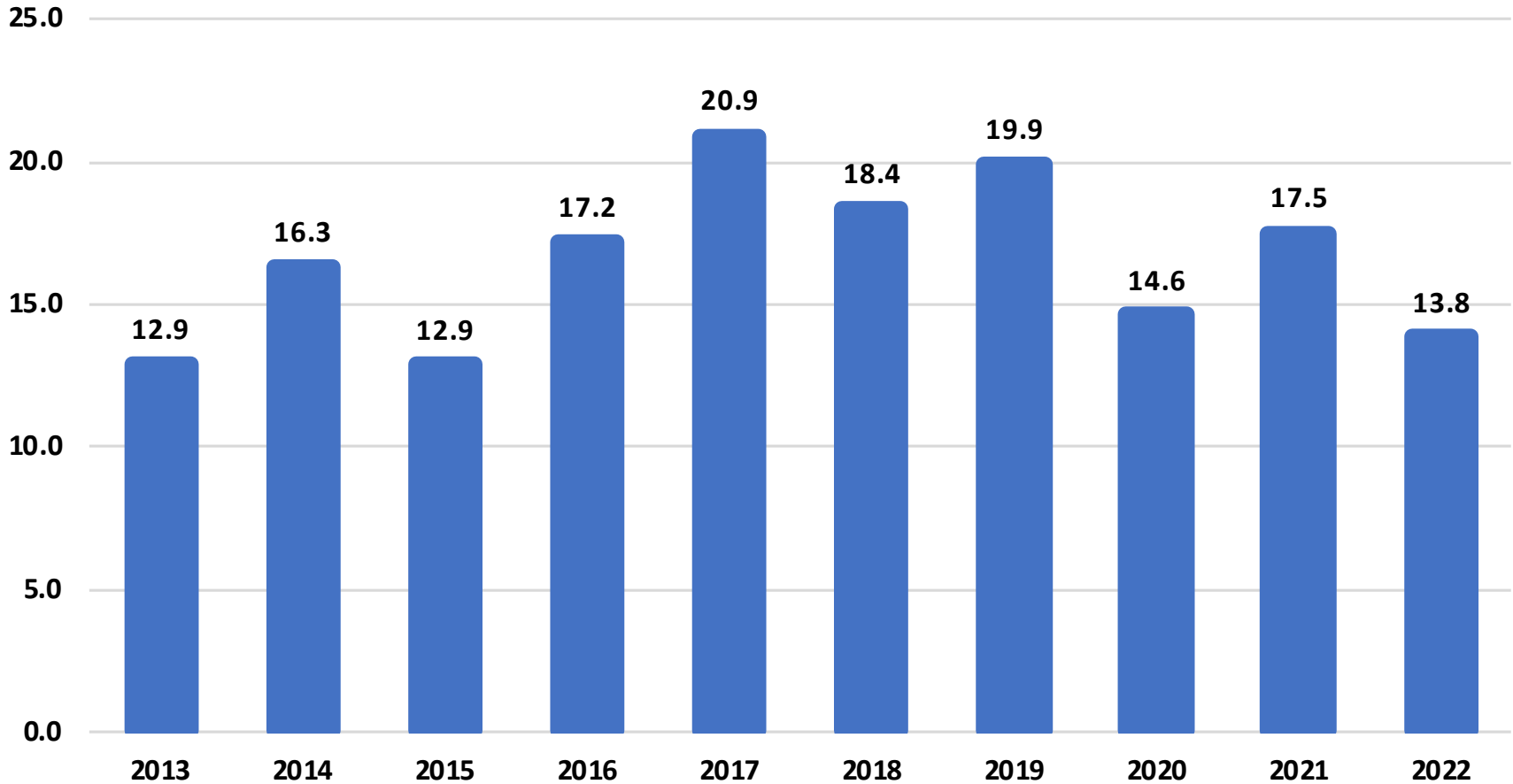




# Cotton Production

## United States

Million Bales

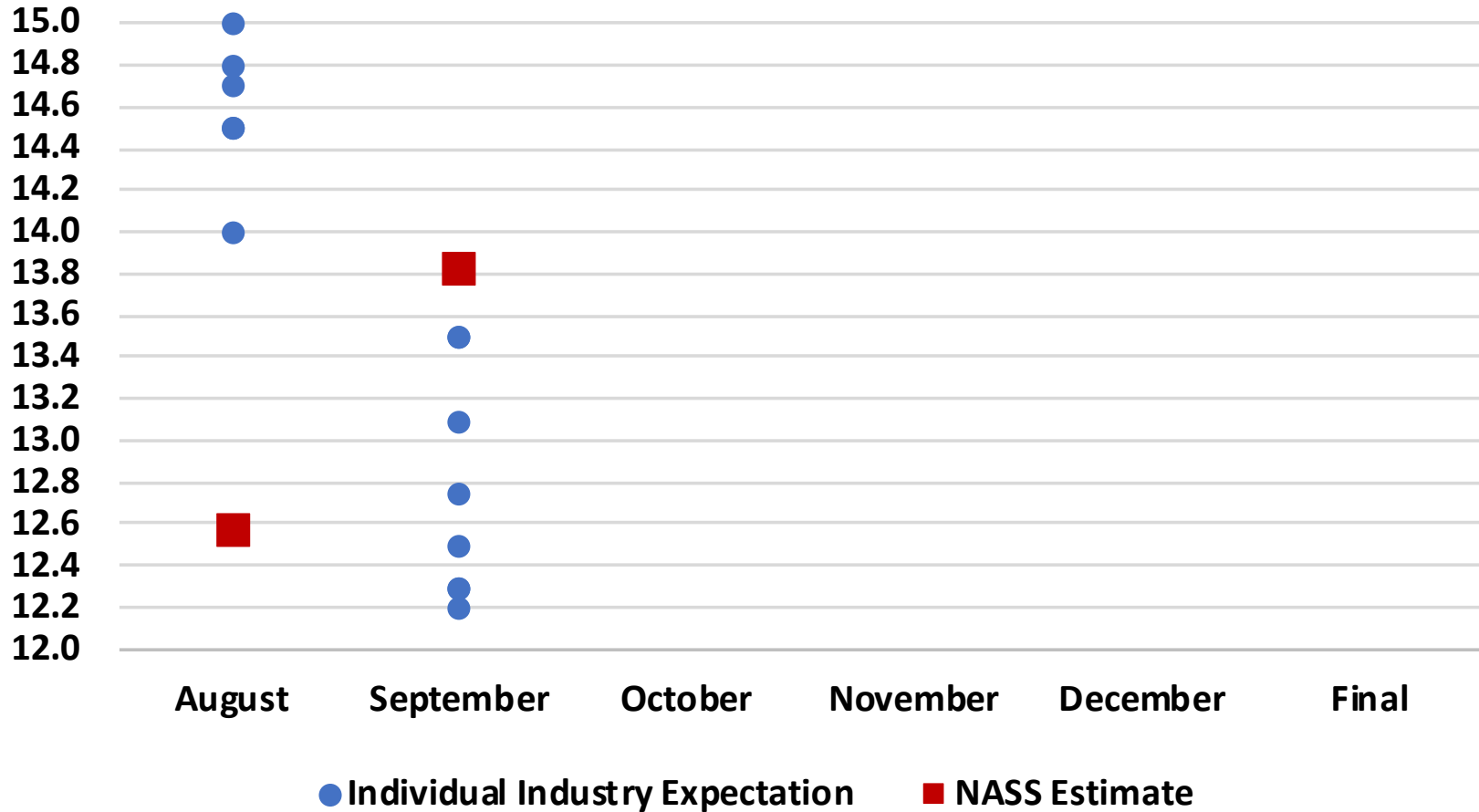




# 2022 U.S. Cotton Production

## Industry Expectations vs NASS

Million Bales





# September 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>Chickpeas</b>	<b>360</b>	<b>350</b>	<b>1,122</b>	<b>Lb</b>	<b>3,933</b>	<b>Cwt</b>
% Change from Previous Estimate	↑ 3.0	↑ 3.0	N/A		N/A	
% Change from Previous Season	↓ 2.4	↓ 0.2	↑ 37.7		↑ 37.5	
<b>Dry Edible Peas</b>	<b>914</b>	<b>863</b>	<b>1,280</b>	<b>Lb</b>	<b>11,050</b>	<b>Cwt</b>
% Change from Previous Estimate	↓ 10.2	↓ 10.9	N/A		N/A	
% Change from Previous Season	↓ 6.4	↑ 3.5	↑ 24.9		↑ 29.3	
<b>Lentils</b>	<b>670</b>	<b>633</b>	<b>766</b>	<b>Lb</b>	<b>4,851</b>	<b>Cwt</b>
% Change from Previous Estimate	↑ 3.4	↑ 4.5	N/A		N/A	
% Change from Previous Season	↓ 5.4	↑ 15.3	↑ 26.4		↑ 45.8	
<b>Peanuts</b>	<b>1,459</b>	<b>1,411</b>	<b>4,145</b>	<b>Lb</b>	<b>5,849,700</b>	<b>Lb</b>
% Change from Previous Estimate	↓ 5.4	↓ 6.1	↑ 0.4		↓ 5.7	
% Change from Previous Season	↓ 8.0	↓ 8.7	↑ 0.2		↓ 8.4	
<b>Rice</b>	<b>2,223</b>	<b>2,177</b>	<b>7,586</b>	<b>Lb</b>	<b>165,144</b>	<b>Cwt</b>
% Change from Previous Estimate	↓ 5.1	↓ 5.7	↓ 0.5		↓ 6.2	
% Change from Previous Season	↓ 12.2	↓ 12.5	↓ 1.6		↓ 13.9	



# September 2022 Field Crops

## Acreage, Yield, and Production

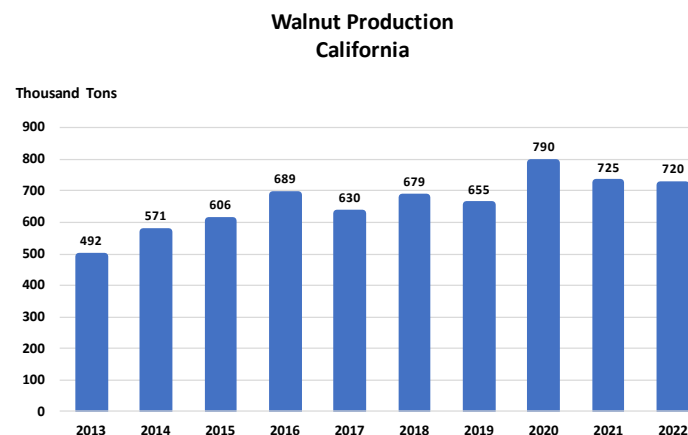
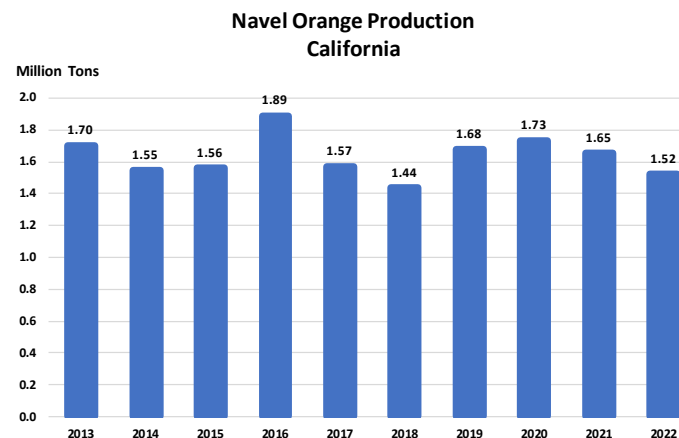
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
<b>Sorghum</b>	<b>6,365</b>	<b>5,480</b>	<b>46.0</b>	<b>Bu</b>	<b>252,115</b>	<b>Bu</b>
% Change from Previous Estimate	↑ 1.0	↑ 2.0	↓ 13.5		↓ 11.9	
% Change from Previous Season	↓ 12.9	↓ 15.6	↓ 33.3		↓ 43.7	
<b>Sugarbeets</b>	<b>1,173</b>	<b>1,149</b>	<b>29.0</b>	<b>Ton</b>	<b>33,351</b>	<b>Ton</b>
% Change from Previous Estimate	↓ 0.5	↑ 0.3	↓ 0.7		↓ 0.4	
% Change from Previous Season	↑ 1.1	↑ 3.7	↓ 12.7		↓ 9.3	
<b>Sugarcane</b>	<b>N/A</b>	<b>918</b>	<b>36.9</b>	<b>Ton</b>	<b>33,868</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	↓ 0.2	↑ 0.8		↑ 0.6	
% Change from Previous Season	N/A	↓ 1.9	↑ 5.1		↑ 3.1	
<b>Tobacco</b>	<b>N/A</b>	<b>211</b>	<b>2,100</b>	<b>Lb</b>	<b>442,480</b>	<b>Lb</b>
% Change from Previous Estimate	N/A	↓ 4.5	↑ 2.0		↓ 2.6	
% Change from Previous Season	N/A	↓ 3.8	↓ 3.8		↓ 7.4	



# September 2022 Noncitrus Fruits and Nuts Production



	Production (1,000 Units)	Unit
<b>Hazelnuts (OR)</b>	<b>68.0</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 12.3	
<b>Navel Oranges (CA)</b>	<b>1,520</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 19.5	
<b>Walnuts (CA)</b>	<b>720</b>	<b>Ton</b>
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 0.7	





# Selected Upcoming Reports



<b>September 23</b>	<b>Cattle on Feed Cotton Ginnings</b>
<b>September 29</b>	<b>Hogs and Pigs</b>
<b>September 30</b>	<b>Agricultural Prices Grain Stocks Small Grains Summary</b>
<b>October 3</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>

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**#STATCHAT**

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

**MONDAY,  
SEPT. 12  
1PM 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)**