



Crop Production

Executive Summary

Lance Honig, Chief
Crops Branch



Special Note

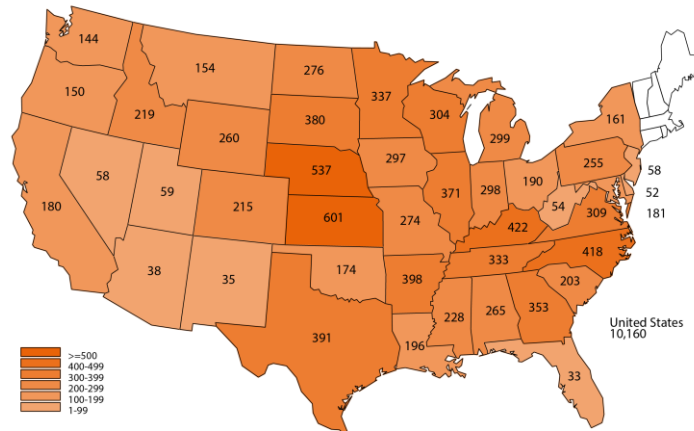


Each October, NASS has the opportunity to revise planted and harvested acreage estimates for corn, sorghum, soybeans, sunflower, canola, sugarbeets, and dry edible beans. Revisions are based on all available data, including the latest certified acreage data from the Farm Service Agency (FSA). All States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

Data Sources

Operator Reported Survey	Ag Yield	Sample Size = 10,160	September 29 - October 5
Field Survey	Objective Yield Corn, Cotton, Soybeans	Sample Size = 3,930	September 24 - October 1
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.		

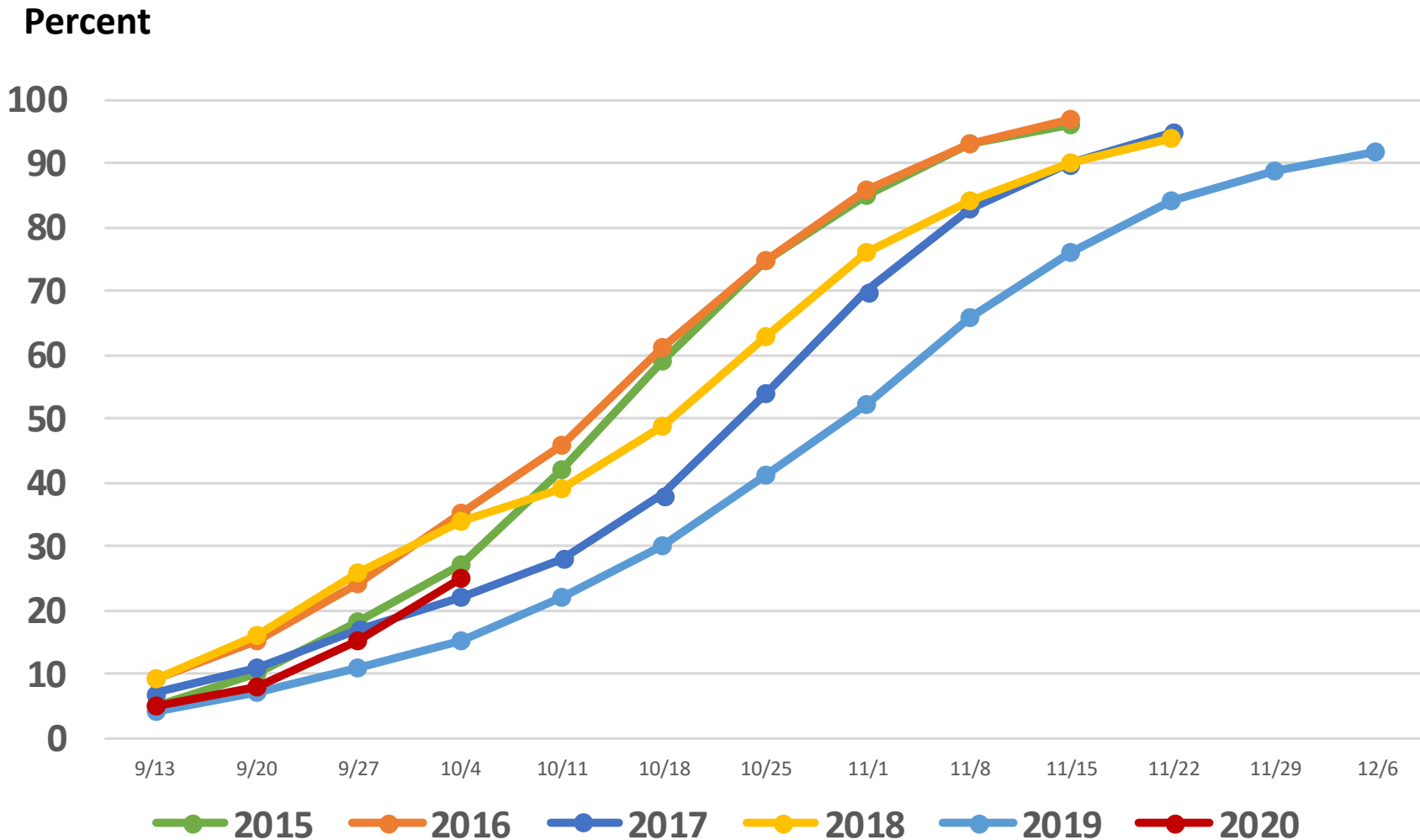
October 2020 Ag Yield Sample Sizes





United States Corn Progress

Percent Harvested





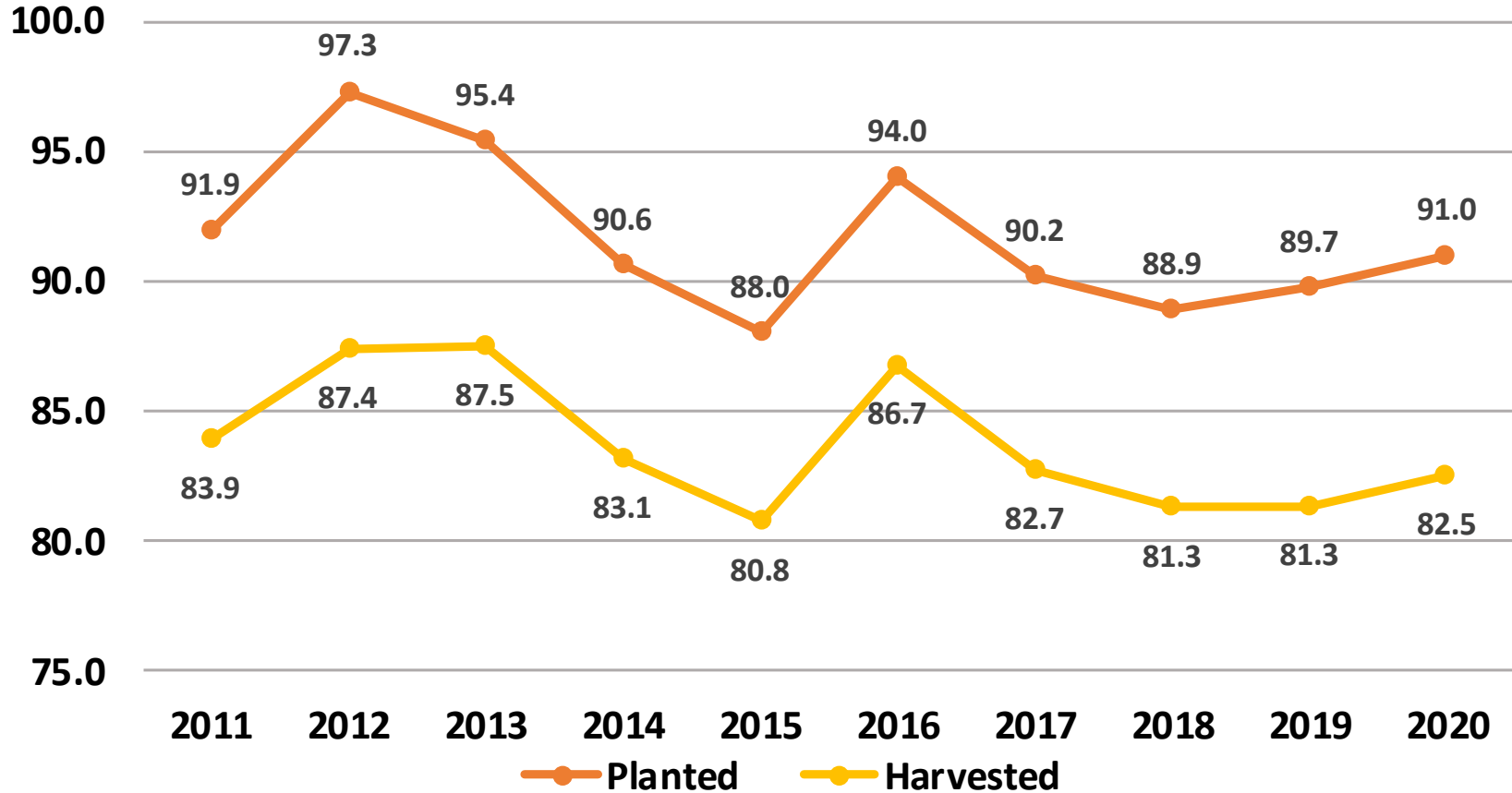
October 2020 Corn Acreage, Yield, and Production

	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
United States	90,978		82,527		178.4		14,721,705	
% Change from Previous Estimate	↓	1.1	↓	1.1	↓	0.1	↓	1.2
% Change from Previous Season	↑	1.4	↑	1.5	↑	6.5	↑	8.1

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	
Iowa	13,700	↑ 1.5	12,700	↓ 2.7	186	↓ 6.1	2,362,200	↓ 8.6			
Illinois	11,400	↑ 8.6	11,200	↑ 9.8	200	↑ 10.5	2,240,000	↑ 21.3			
Nebraska	10,200	↑ 1.0	9,830	↑ 0.2	187	↑ 2.7	1,838,210	↑ 3.0			
Minnesota	8,000	↑ 2.6	7,550	↑ 4.1	202	↑ 16.8	1,525,100	↑ 21.6			
Indiana	5,400	↑ 8.0	5,250	↑ 8.9	189	↑ 11.8	992,250	↑ 21.8			

October 2020 Corn Acres United States

Million Acres

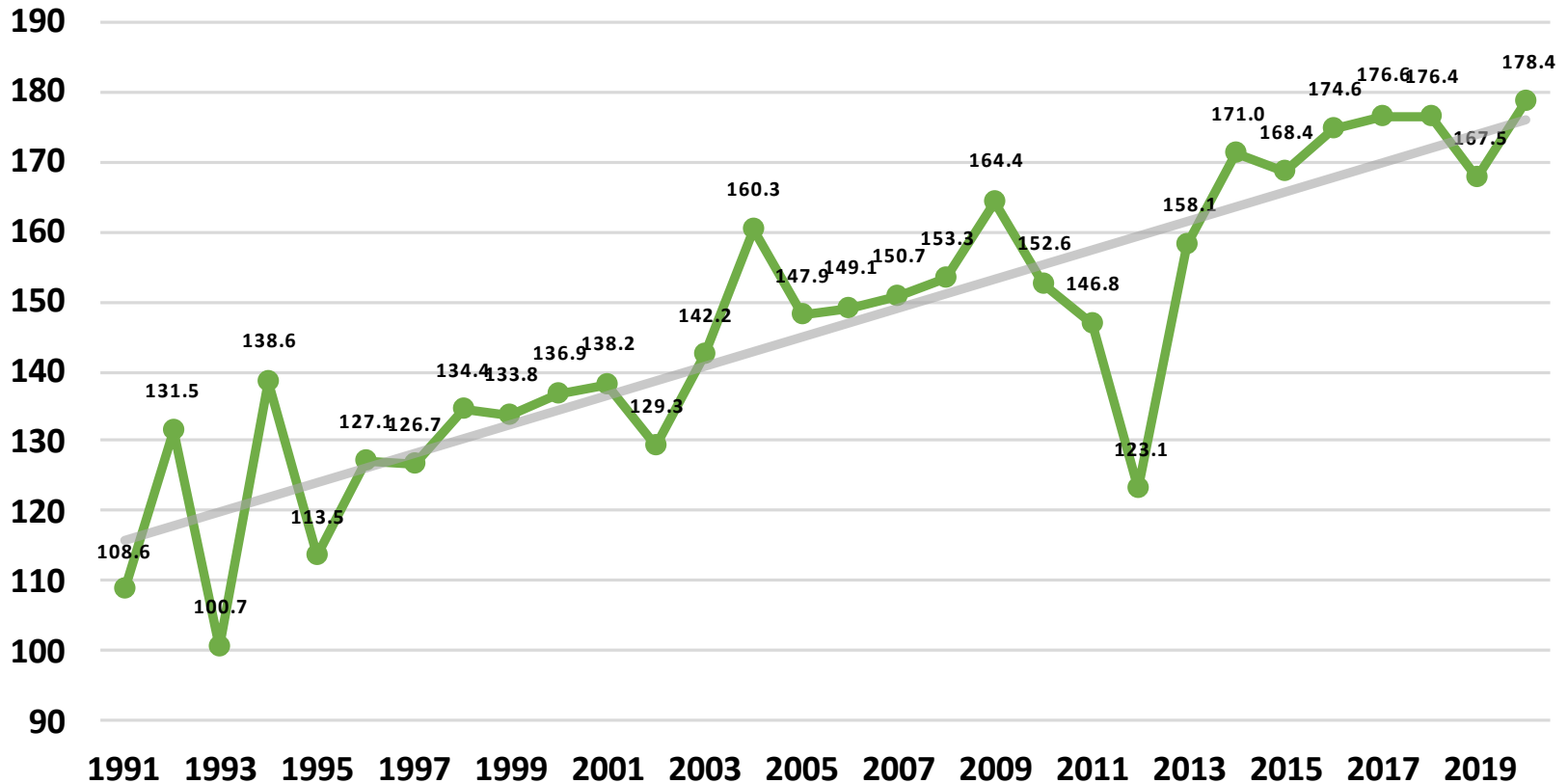




October 2020 Corn Yield United States

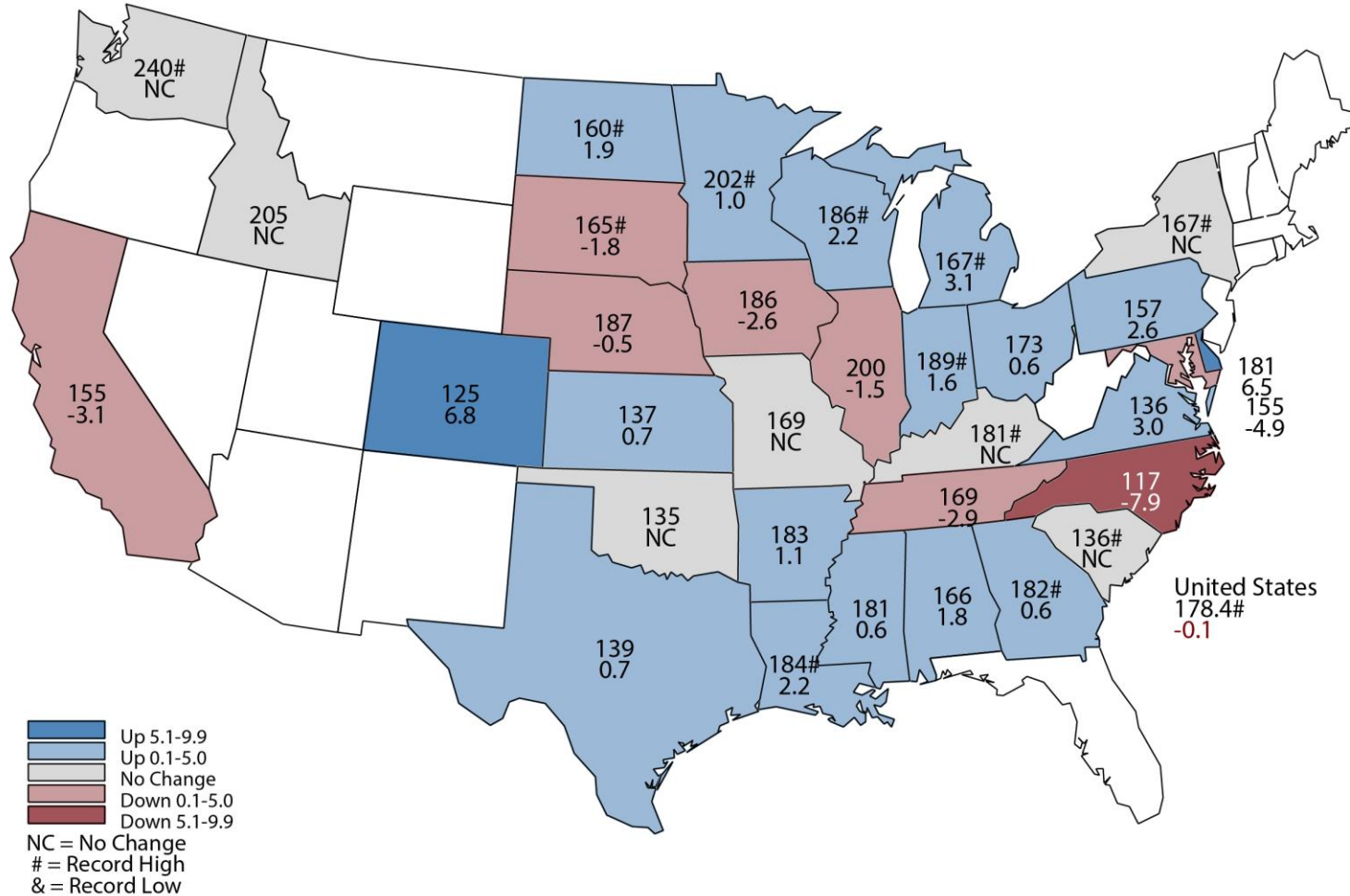


Bushels per Acre

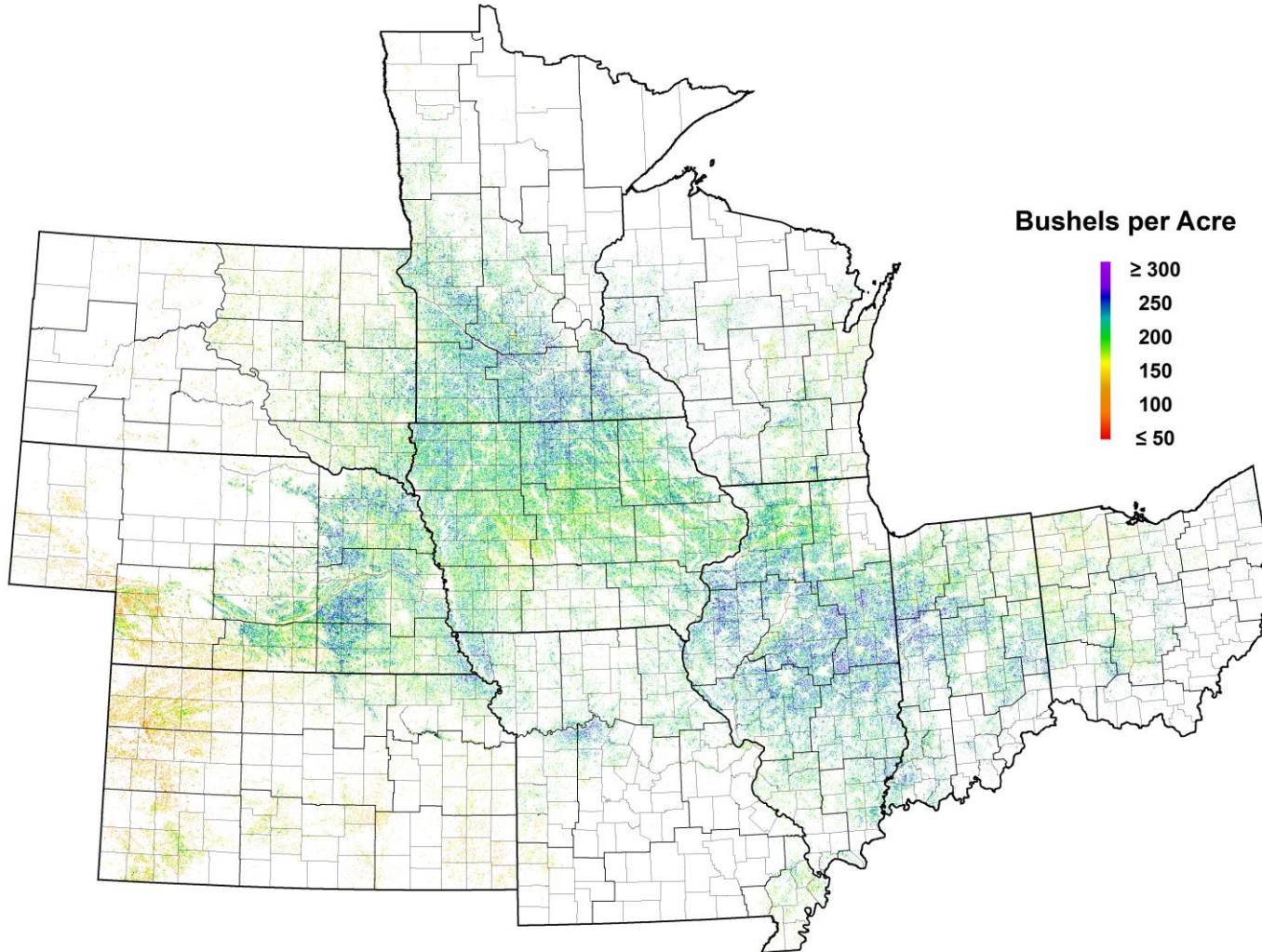


October 2020 Corn Yield

Bushels and Percent Change from Previous Month



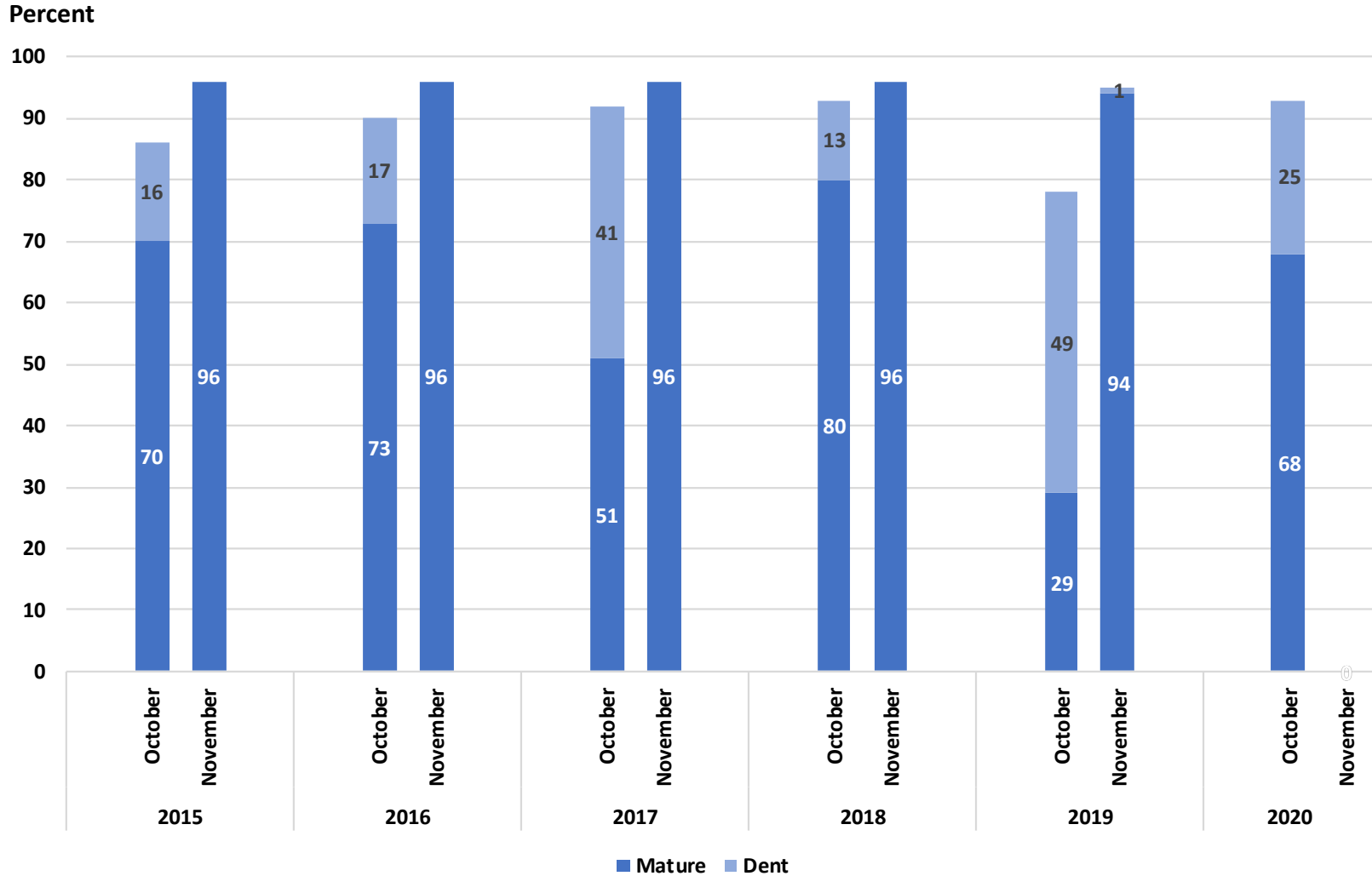
October 2020 Corn NASA Terra MODIS Modeled Yield





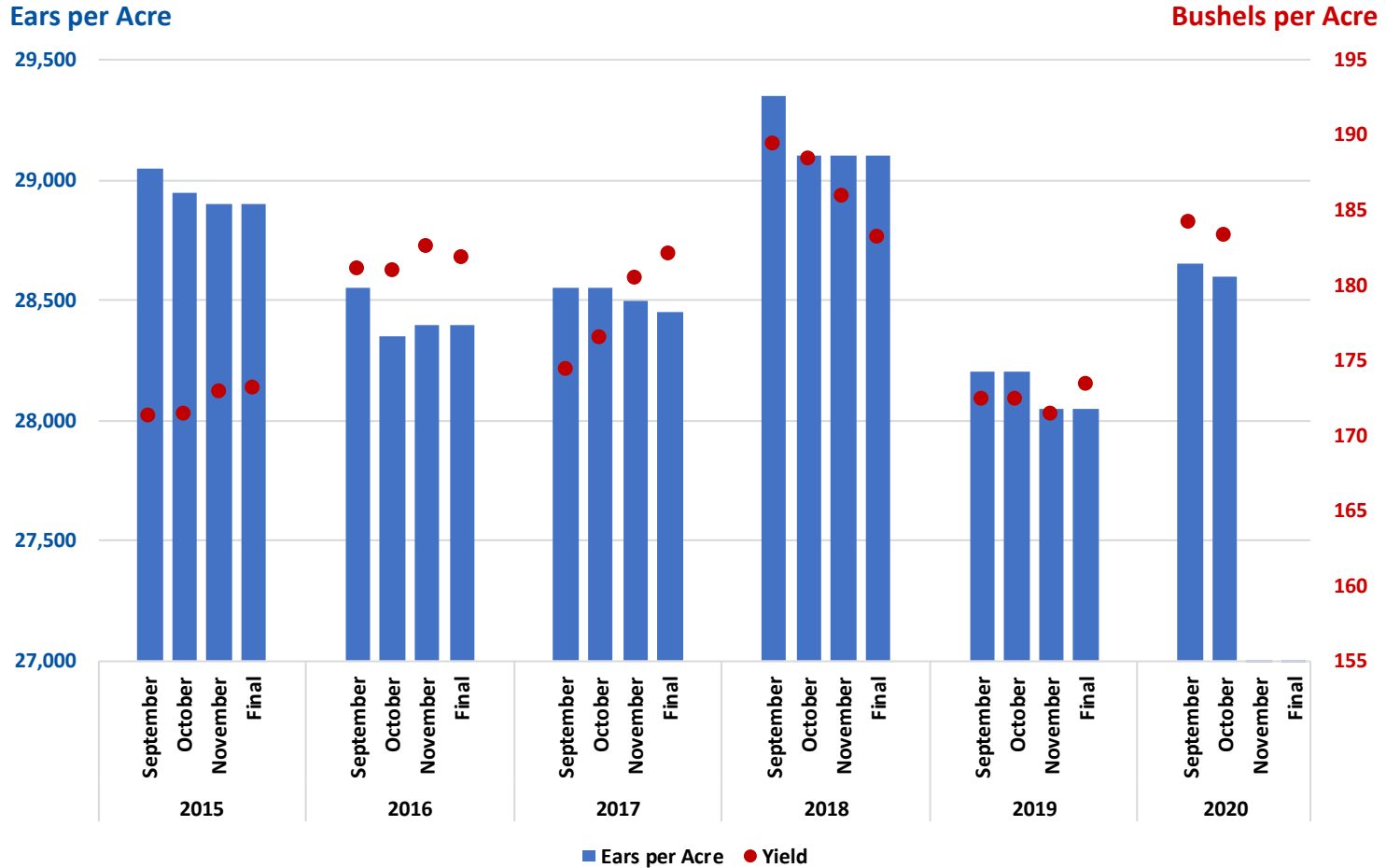
October 2020 Corn Objective Yield

Percent of Samples Processed in the Lab



October 2020 Corn Objective Yield

Ears per Acre and Yield for 10 State Region

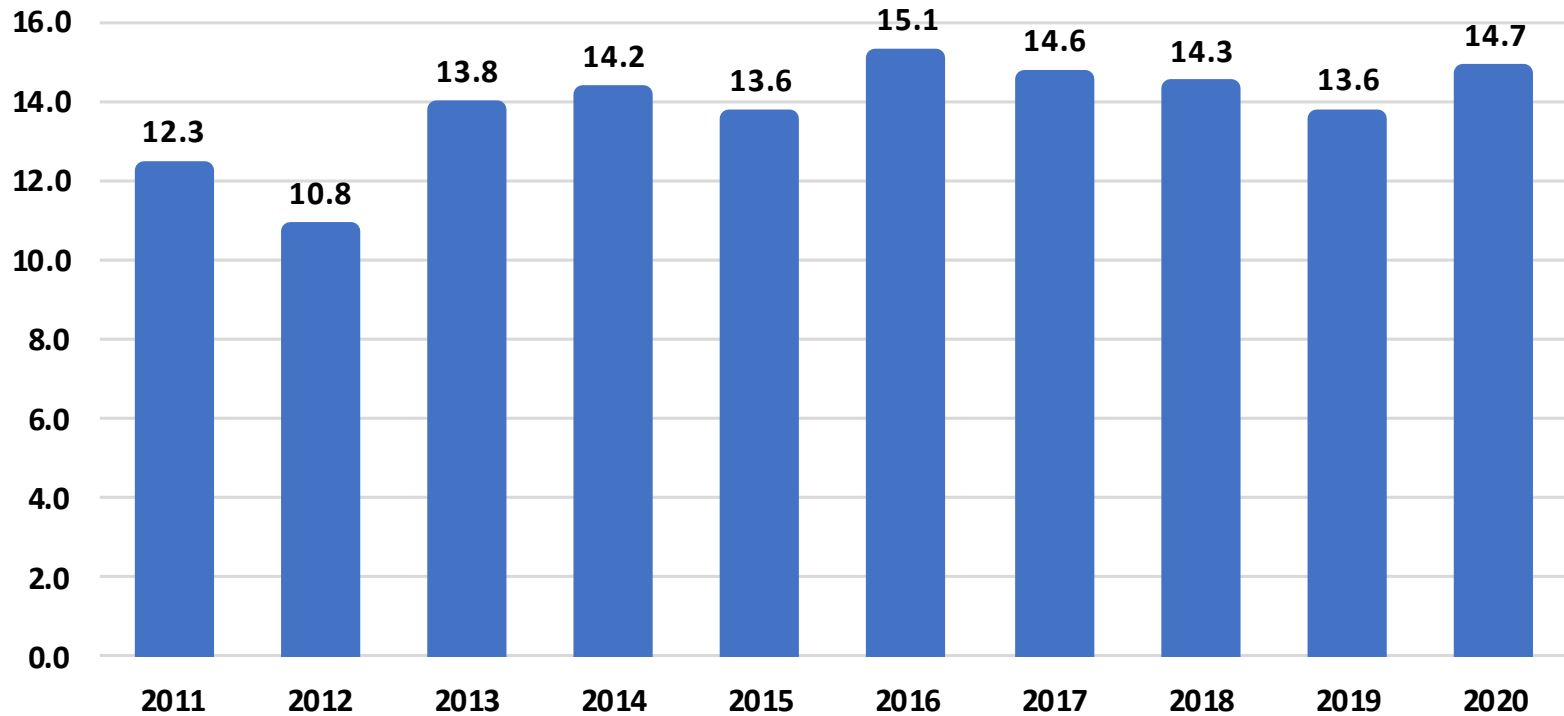




October 2020 Corn Production United States

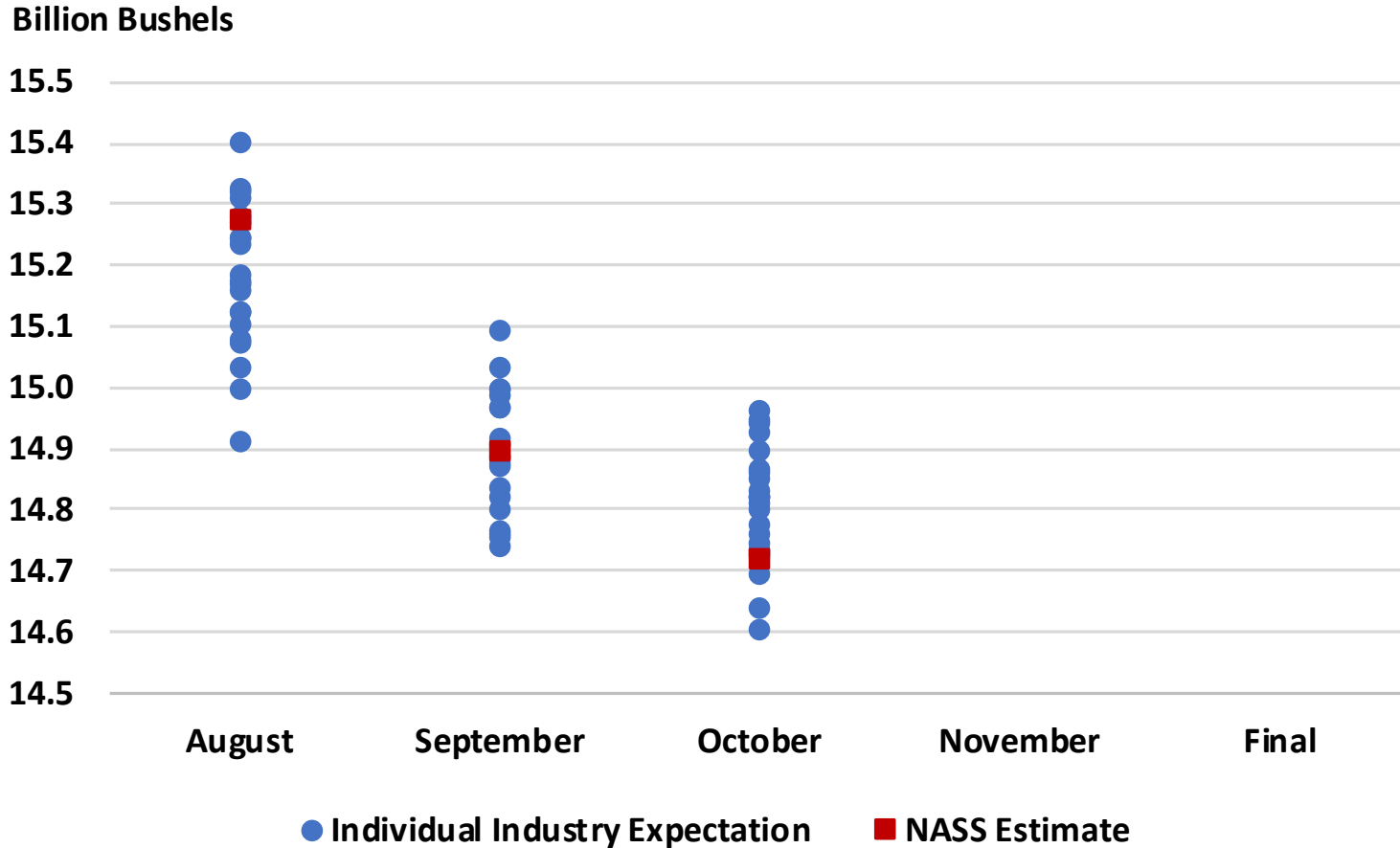


Billion Bushels



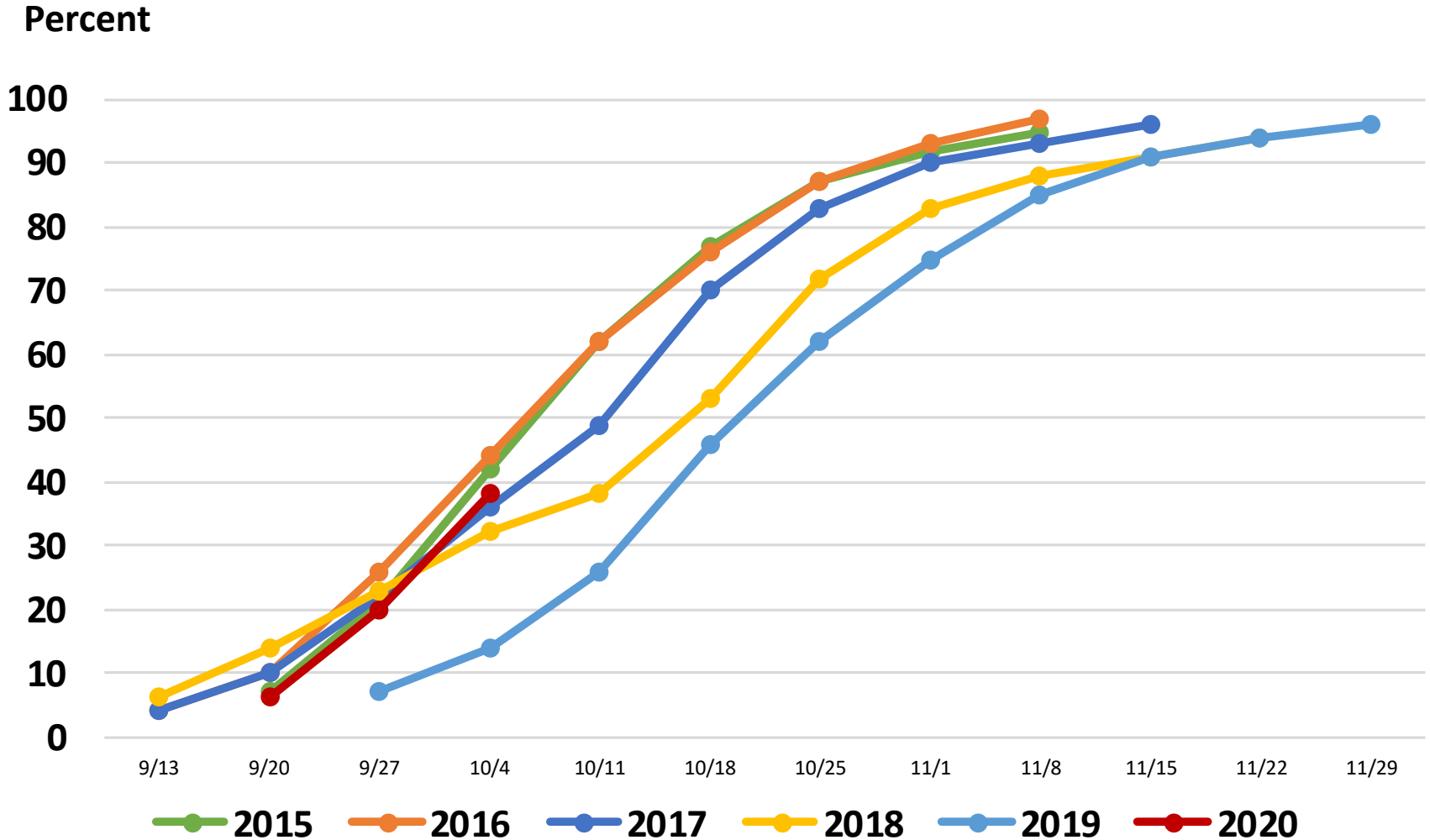
2020 U.S. Corn Production

Industry Expectations vs NASS



United States Soybean Progress

Percent Harvested





October 2020 Soybeans

Acreage, Yield, and Production



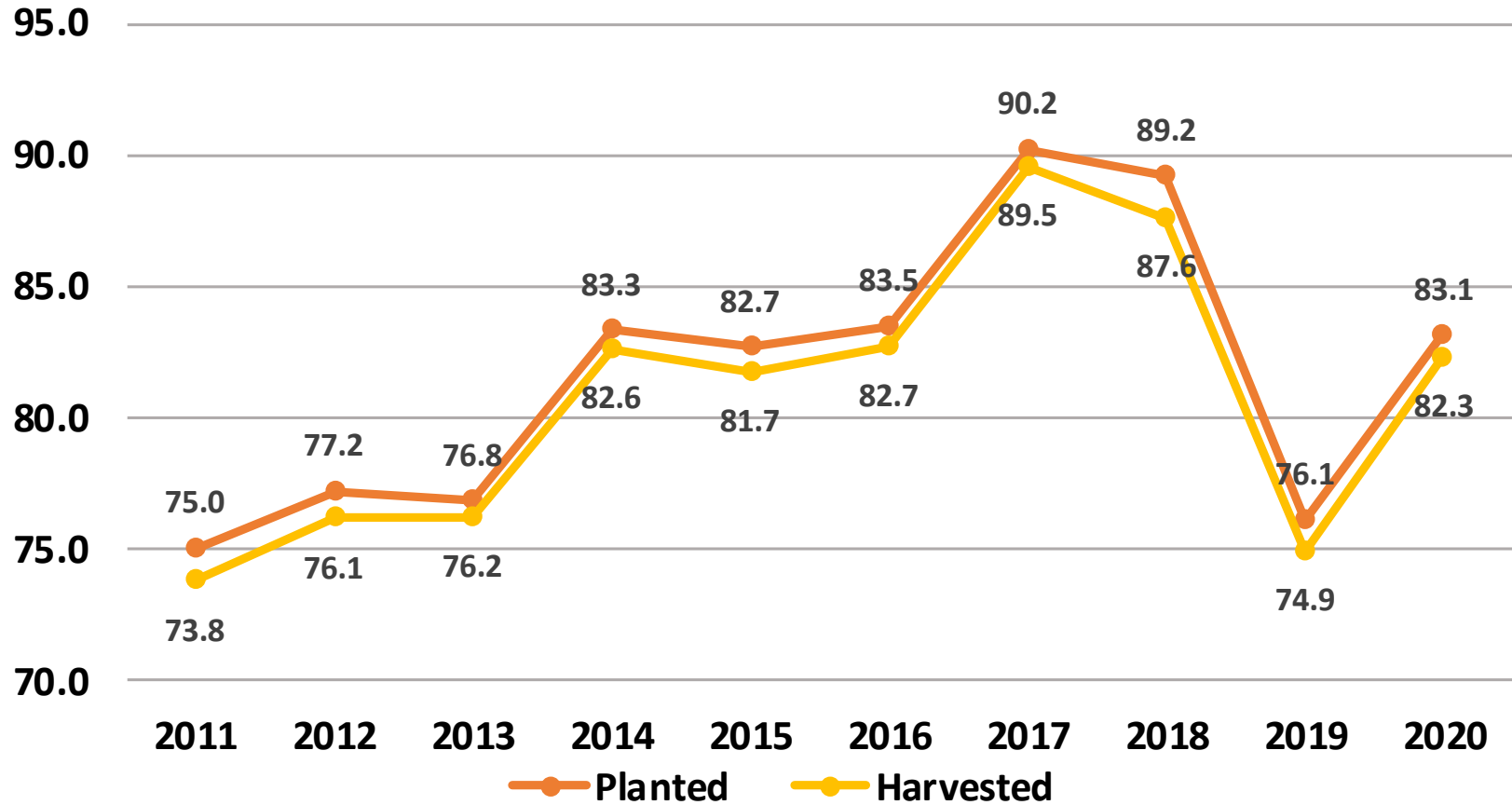
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	83,105	82,289	51.9	4,267,890
% Change from Previous Estimate	↓ 0.9	↓ 0.9	NC	↓ 1.0
% Change from Previous Season	↑ 9.2	↑ 9.8	↑ 9.5	↑ 20.2

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			
Illinois	10,300	↑ 3.5	10,250	↑ 4.0	60.0	↑ 11.1	615,000	↑ 15.5			
Iowa	9,400	↑ 2.2	9,320	↑ 2.2	56.0	↑ 1.8	521,920	↑ 4.1			
Minnesota	7,400	↑ 8.0	7,330	↑ 8.3	52.0	↑ 18.2	381,160	↑ 28.0			
Indiana	5,700	↑ 5.6	5,680	↑ 6.0	60.0	↑ 17.6	340,800	↑ 24.7			
Nebraska	5,200	↑ 6.1	5,150	↑ 6.4	60.0	↑ 2.6	309,000	↑ 9.1			

October 2020 Soybean Acres

United States

Million Acres

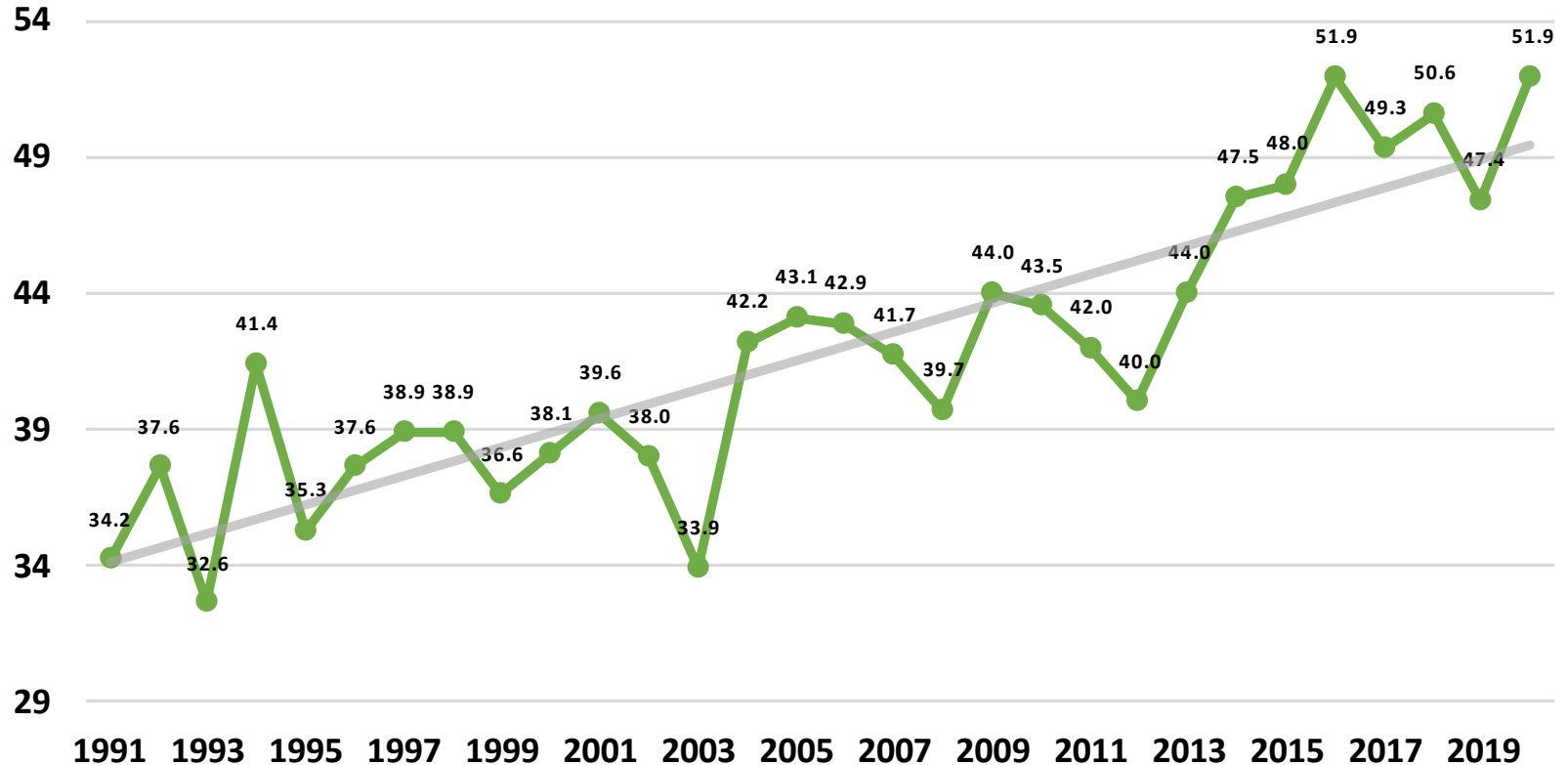




October 2020 Soybean Yield United States

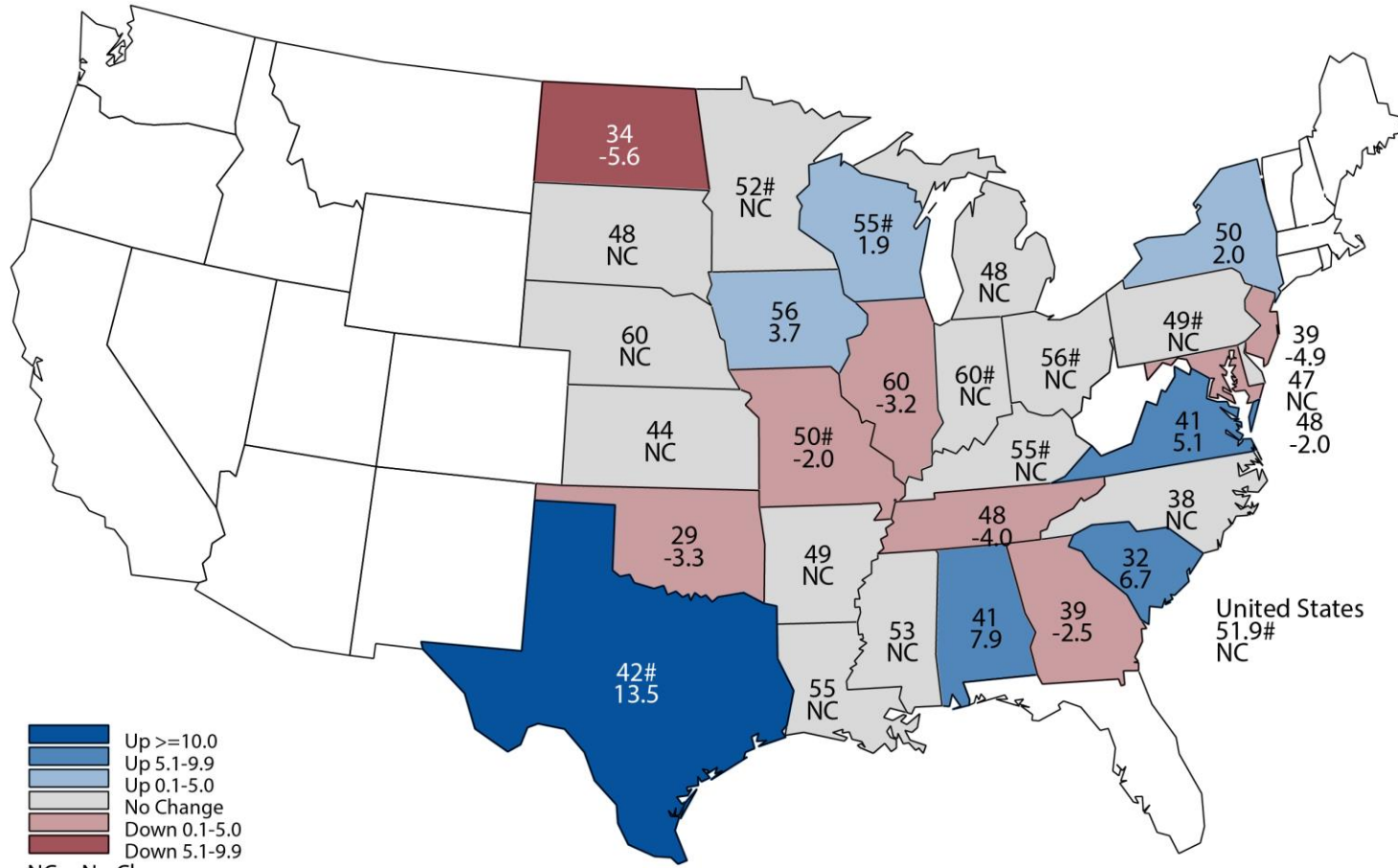


Bushels per Acre



October 2020 Soybean Yield

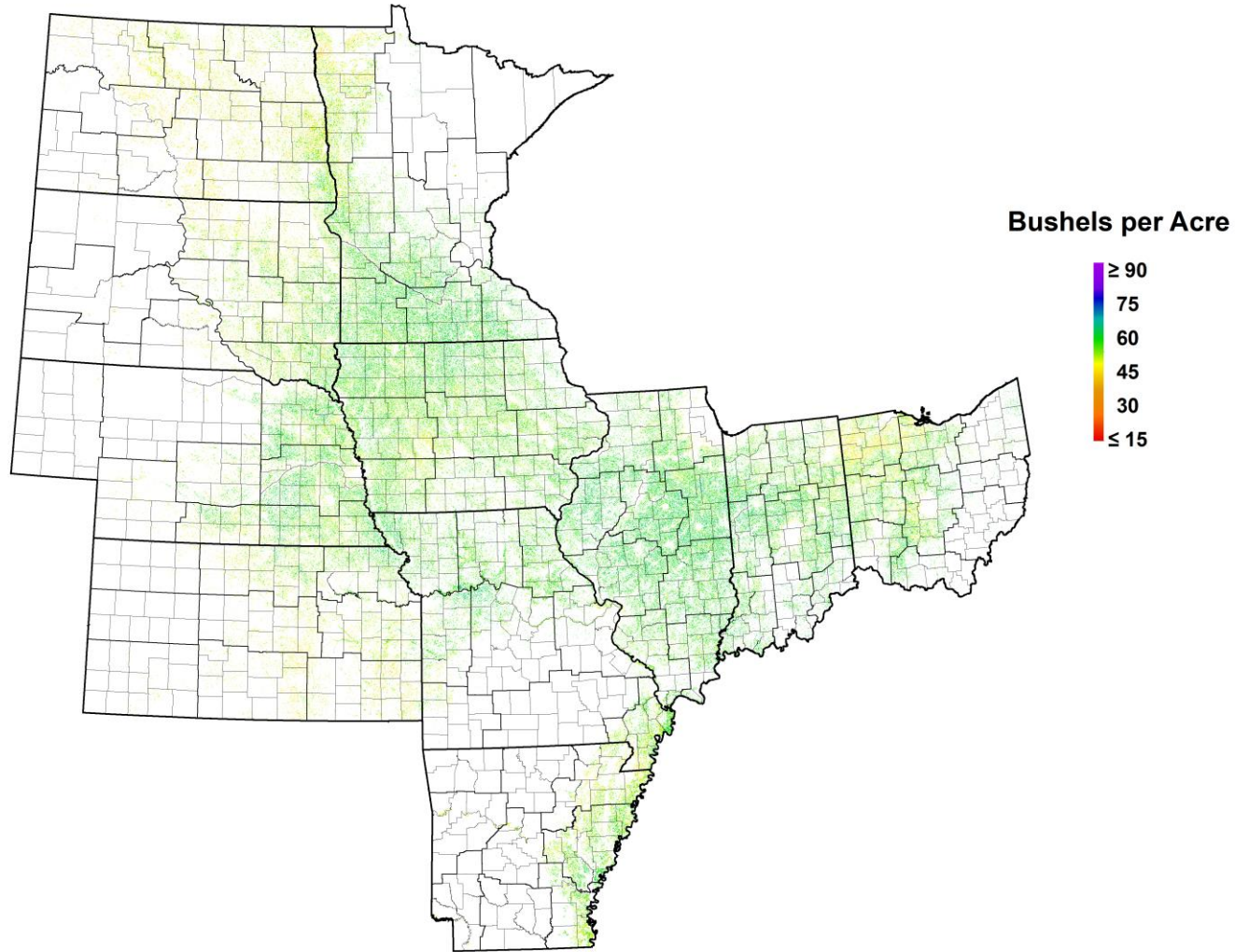
Bushels and Percent Change from Previous Month



■ Up \geq 10.0
■ Up 5.1-9.9
■ Up 0.1-5.0
■ No Change
■ Down 0.1-5.0
■ Down 5.1-9.9
 NC = No Change
 # = Record High
 & = Record Low

October 2020 Soybeans

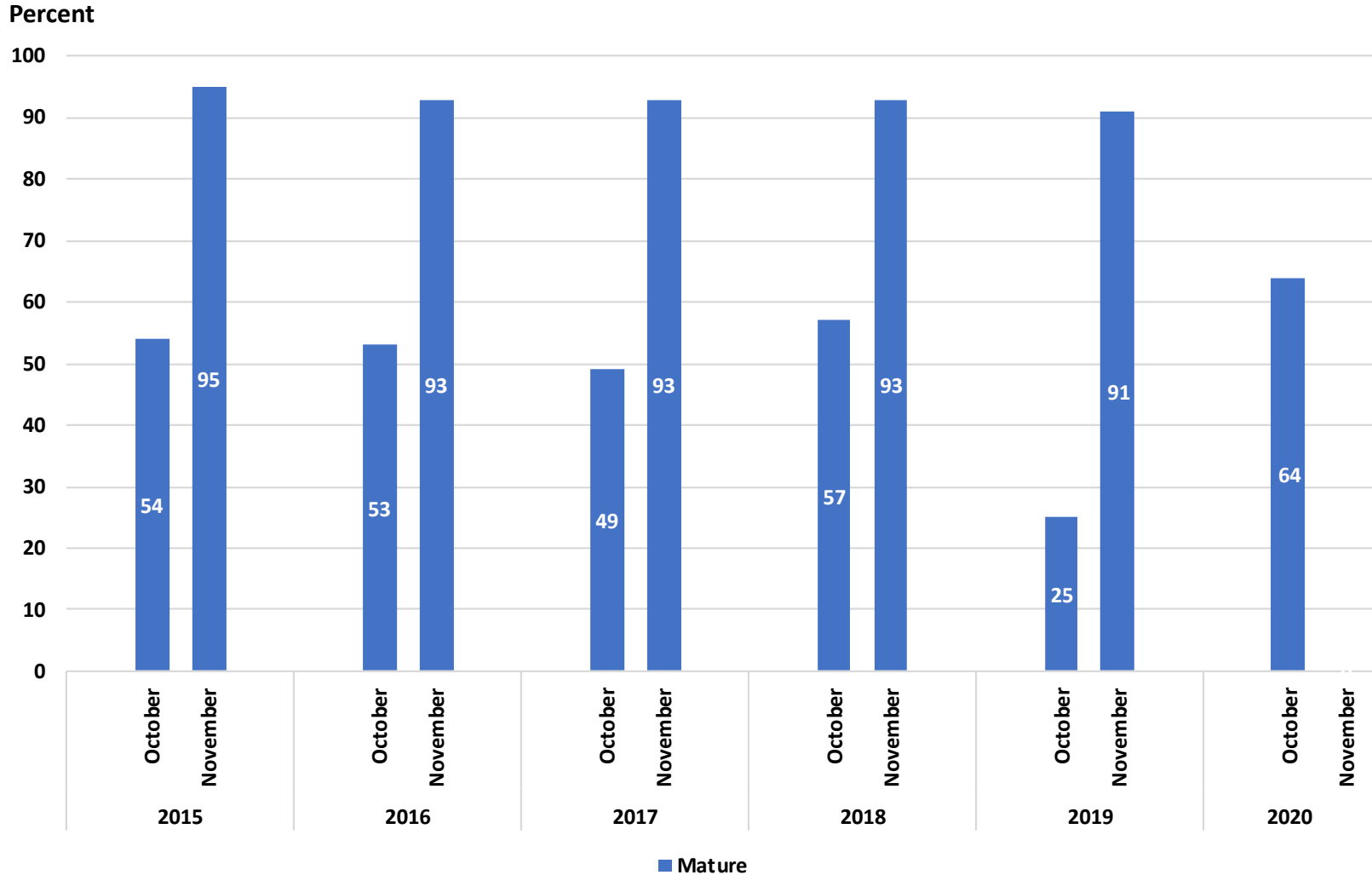
NASA Terra MODIS Modeled Yield





October 2020 Soybean Objective Yield

Percent of Samples Processed in the Lab



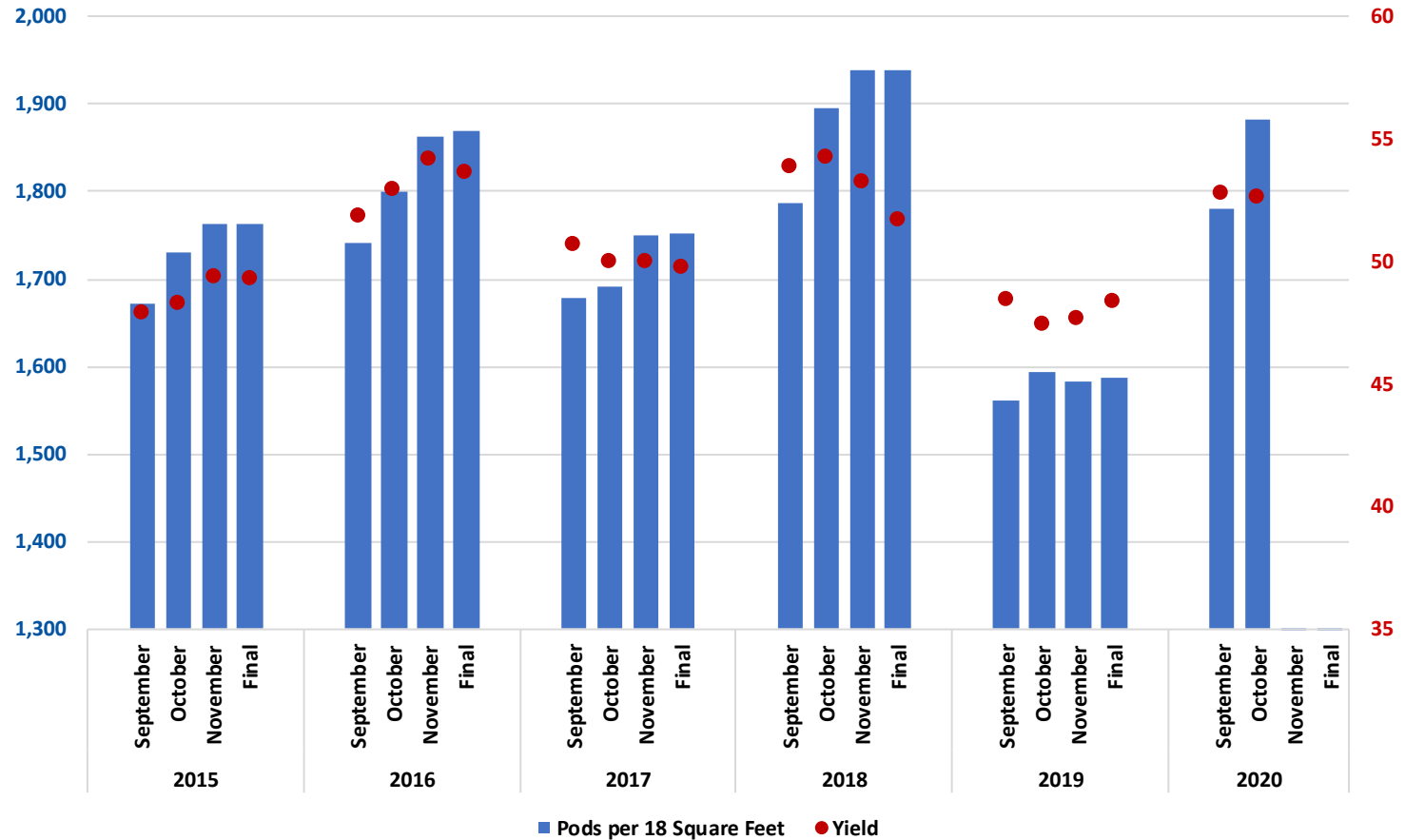


October 2020 Soybean Objective Yield

Pods per 18 Square Feet and Yield for 11 State Region

Pods per 18 Square Feet

Bushels per Acre

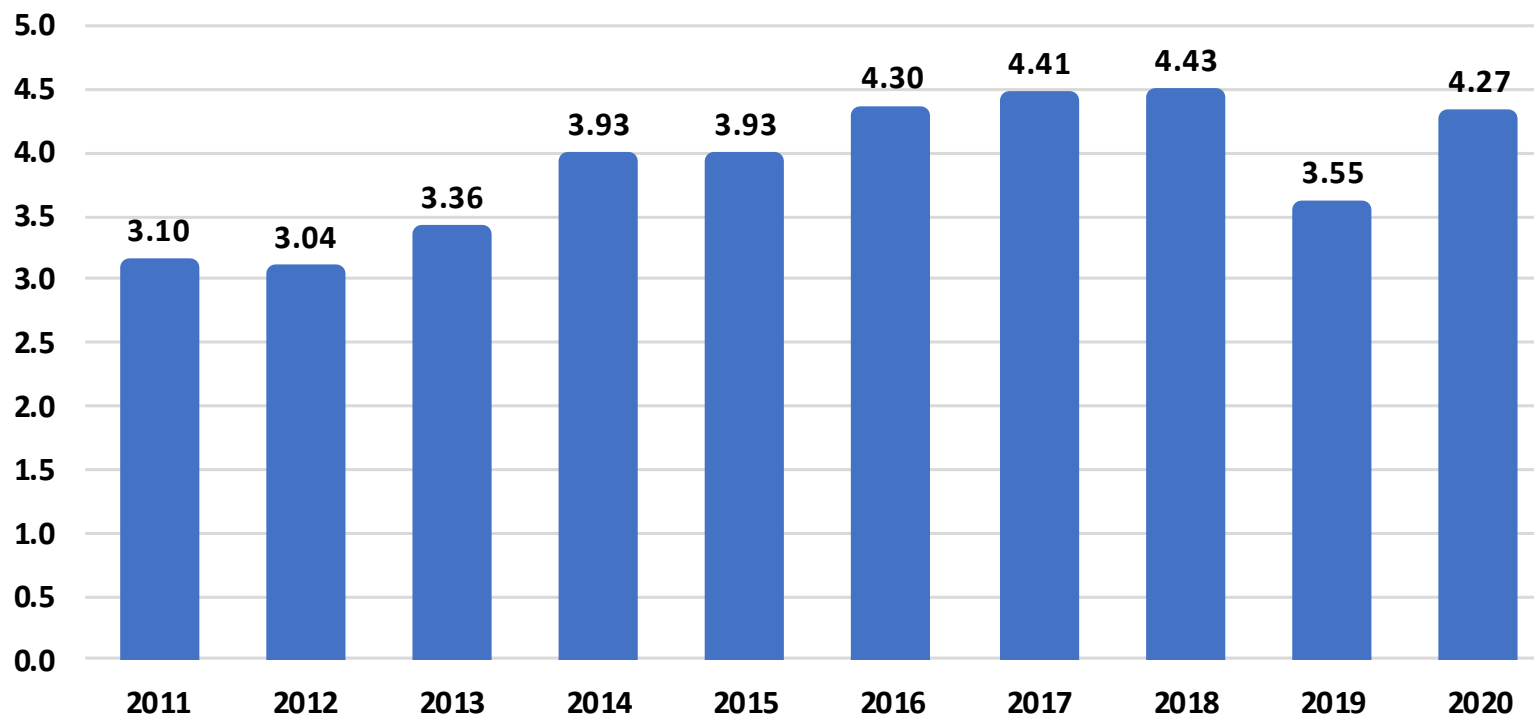




October 2020 Soybean Production United States



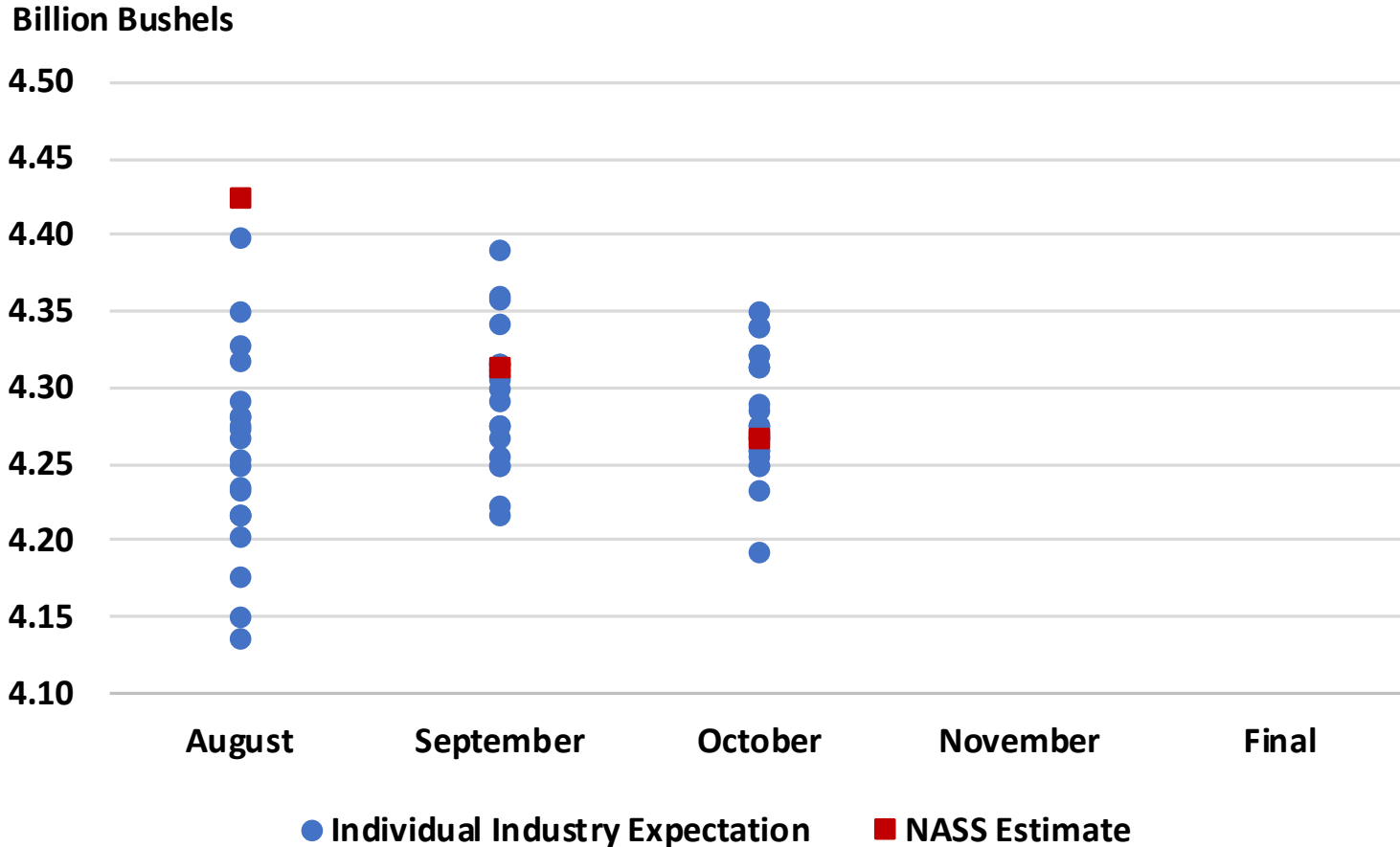
Billion Bushels





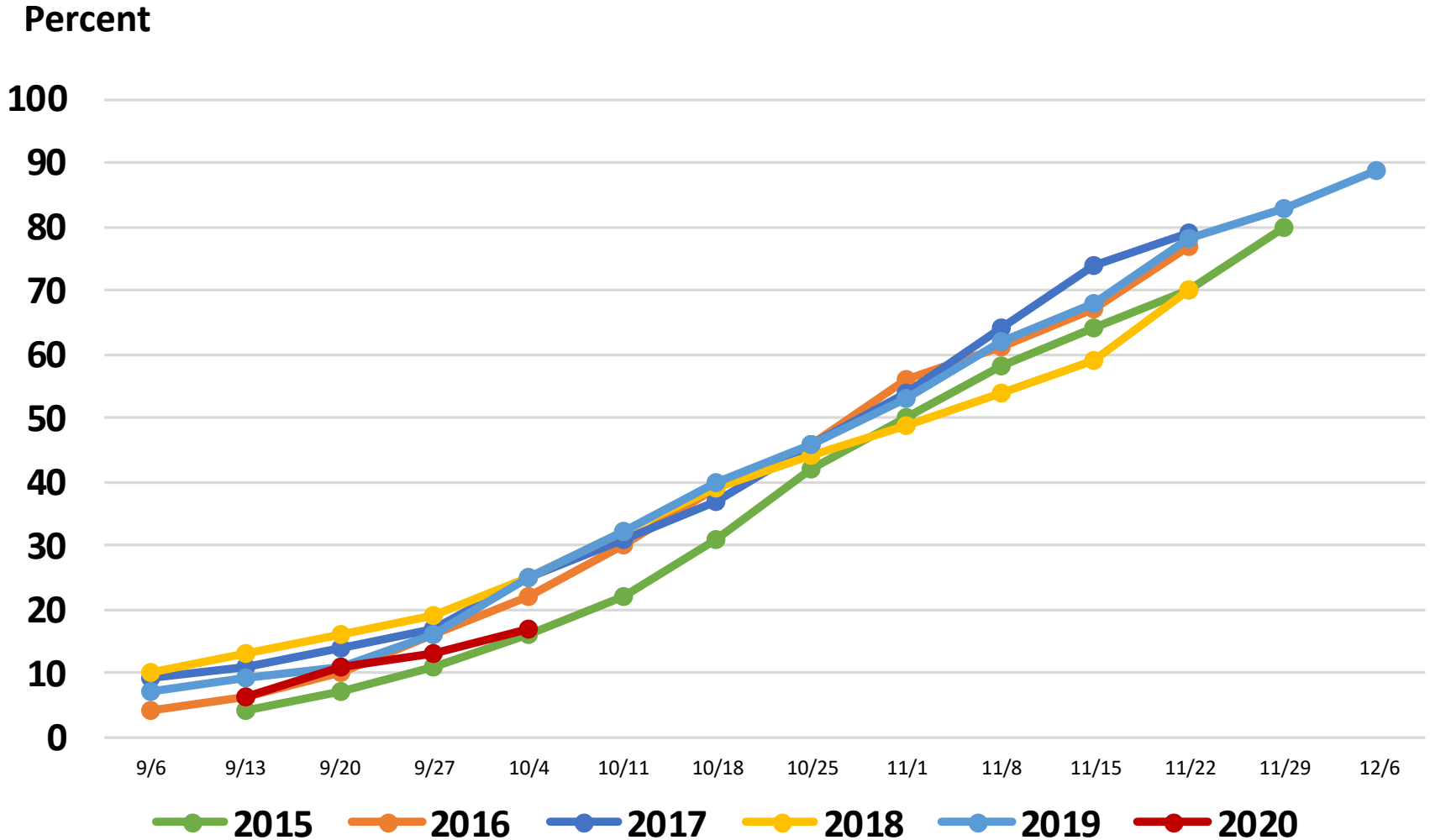
2020 U.S. Soybean Production

Industry Expectations vs NASS



United States Cotton Progress

Percent Harvested





October 2020 Cotton

Acreage, Yield, and Production

	Planted <small>(1,000 Acres)</small>	Harvested <small>(1,000 Acres)</small>	Yield <small>(Pounds/Acre)</small>	Production <small>(1,000 Bales)</small>
United States	12,116	9,005	909	17,045
% Change from Previous Estimate	NC	NC	↓ 0.1	↓ 0.1
% Change from Previous Season	↓ 11.8	↓ 22.5	↑ 10.4	↓ 14.4

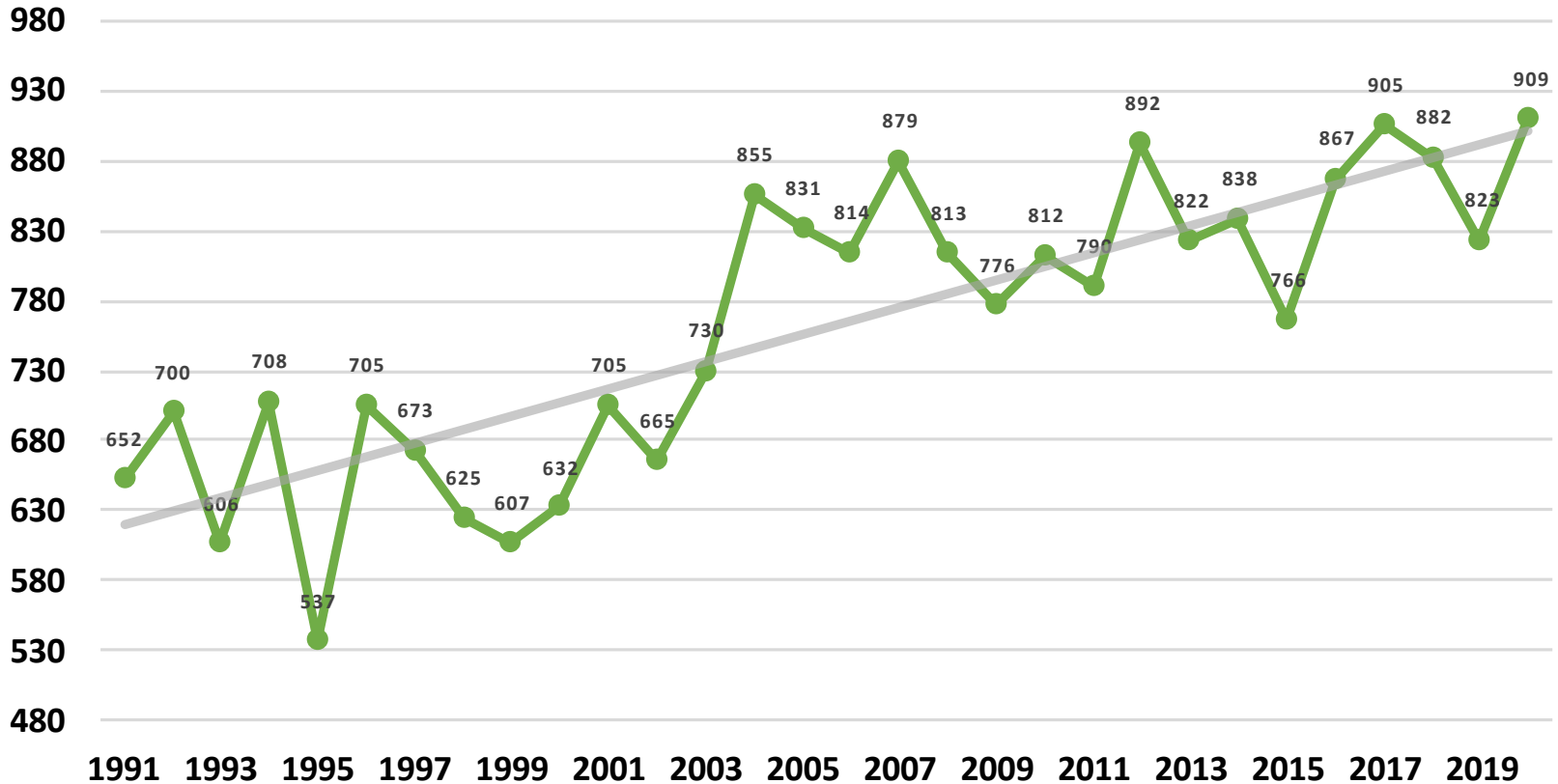
Top 5 States - By Production									
	Planted <small>(1,000 Acres)</small>		Harvested <small>(1,000 Acres)</small>		Yield <small>(Pounds/Acre)</small>		Production <small>(1,000 Bales)</small>		
		% Δ PY		% Δ PY		% Δ PY		% Δ PY	
Texas	6,836	↓ 3.2	3,880	↓ 26.2	762	↑ 31.8	6,160	↓ 2.8	
Georgia	1,200	↓ 14.3	1,190	↓ 13.8	968	↑ 1.6	2,400	↓ 12.4	
Mississippi	530	↓ 25.4	525	↓ 25.0	1,198	↑ 7.7	1,310	↓ 19.2	
Arkansas	525	↓ 15.3	520	↓ 14.8	1,200	↑ 1.3	1,300	↓ 13.7	
Alabama	450	↓ 16.7	445	↓ 16.4	960	↑ 3.4	890	↓ 13.4	



October 2020 Cotton Yield United States

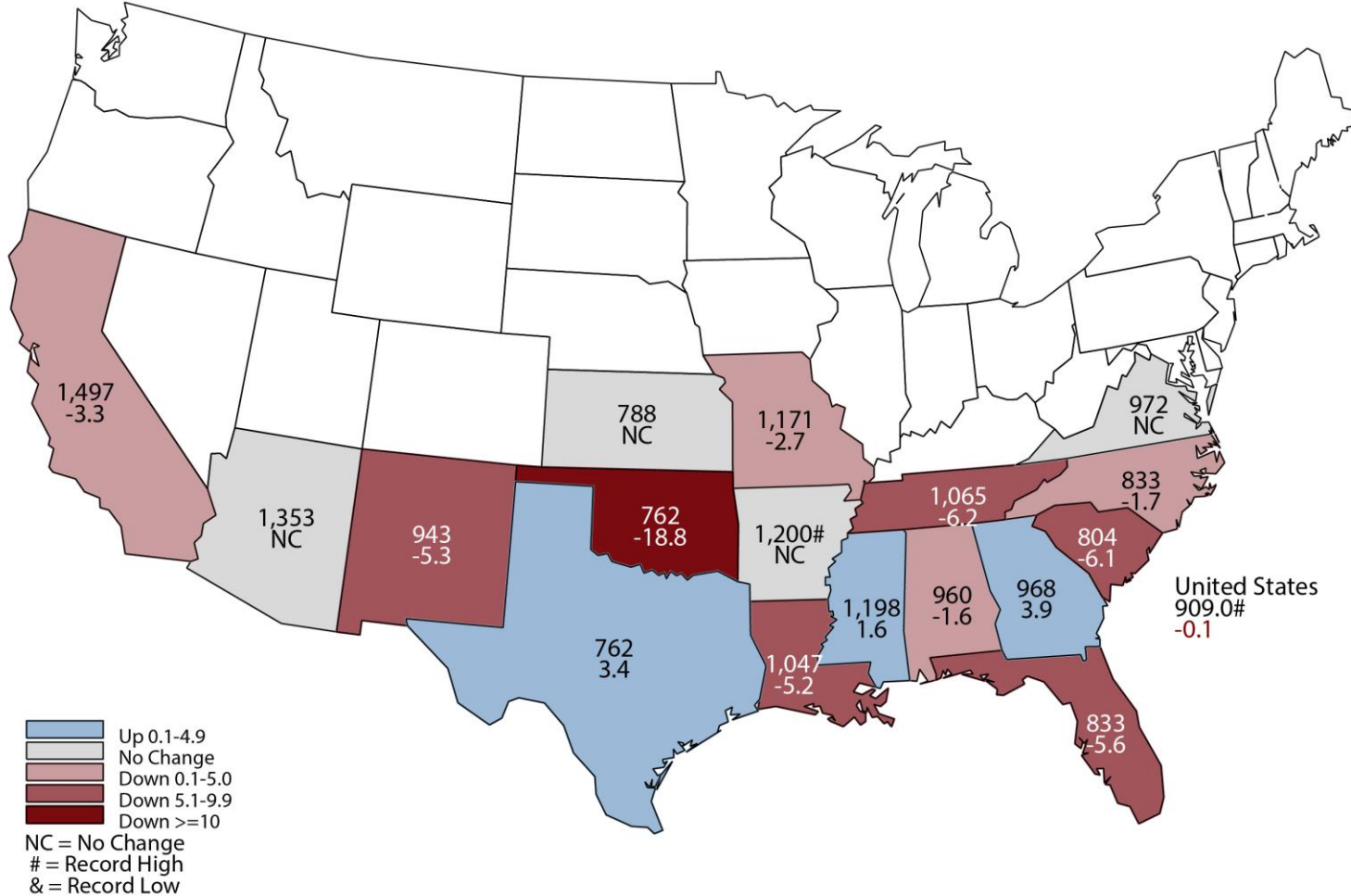


Pounds per Acre



October 2020 Cotton Yield

Pounds and Percent Change from Previous Month

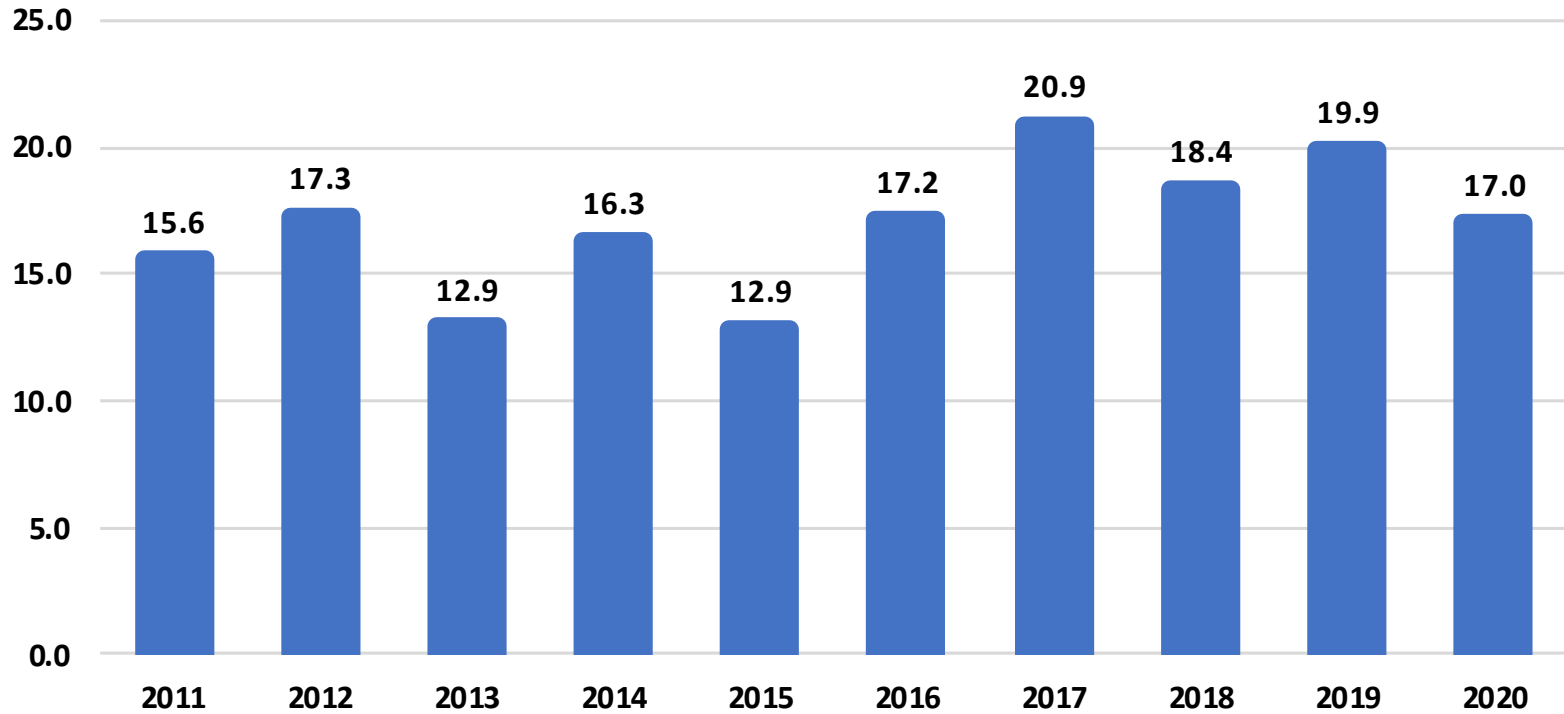




October 2020 Cotton Production United States



Million Bales





October 2020 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	1,852	1,812	1,759	Lb	3,186,670	Lb
% Change from Previous Estimate	↓ 0.9	↓ 0.9	N/A		N/A	
% Change from Previous Season	↓ 9.2	↓ 5.1	↓ 1.2		↓ 6.3	
Dry Edible Beans	1,743	1,683	2,079	Lb	34,984	Cwt
% Change from Previous Estimate	↑ 7.1	↑ 7.1	↓ 0.4		↑ 6.6	
% Change from Previous Season	↑ 35.4	↑ 43.1	↑ 17.5		↑ 68.1	
Alfalfa Hay	N/A	16,352	3.22	Ton	52,625	Ton
% Change from Previous Estimate	N/A	NC	↑ 1.9		↑ 1.9	
% Change from Previous Season	N/A	↓ 2.3	↓ 1.8		↓ 4.1	
Other Hay	N/A	36,029	2.08	Ton	75,053	Ton
% Change from Previous Estimate	N/A	NC	↑ 2.0		↑ 2.0	
% Change from Previous Season	N/A	↑ 1.0	↑ 0.5		↑ 1.4	
Peanuts	1,665	1,623	4,125	Lb	6,695,620	Lb
% Change from Previous Estimate	NC	NC	↓ 1.4		↓ 1.4	
% Change from Previous Season	↑ 16.2	↑ 16.8	↑ 4.9		↑ 22.5	
Rice	3,037	2,991	7,567	Lb	226,336	Cwt
% Change from Previous Estimate	NC	↑ 0.1	↑ 0.5		↑ 0.6	
% Change from Previous Season	↑ 19.6	↑ 21.0	↑ 1.3		↑ 22.6	



October 2020 Field Crops

Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Sorghum	5,790	5,000	74.1	Bu	370,585	Bu
% Change from Previous Estimate	↑ 3.0	↑ 3.2	↑ 0.3		↑ 3.5	
% Change from Previous Season	↑ 10.0	↑ 7.0	↑ 1.5		↑ 8.5	
Sugarbeets	1,165	1,149	31.2	Ton	35,815	Ton
% Change from Previous Estimate	↑ 1.5	↑ 1.9	NC		↑ 1.9	
% Change from Previous Season	↑ 2.9	↑ 17.3	↑ 6.8		↑ 25.2	
Sugarcane	N/A	932	36.6	Ton	34,083	Ton
% Change from Previous Estimate	N/A	NC	NC		↓ 0.2	
% Change from Previous Season	N/A	↑ 2.1	↑ 4.6		↑ 6.7	
Sunflower	1,699	1,623	1,730	Lb	2,807,115	Lb
% Change from Previous Estimate	↑ 10.0	↑ 10.1	N/A		N/A	
% Change from Previous Season	↑ 25.8	↑ 29.4	↑ 10.9		↑ 43.5	
Tobacco	N/A	195	1,983	Lb	387,585	Lb
% Change from Previous Estimate	N/A	↓ 0.2	↑ 5.5		↑ 5.3	
% Change from Previous Season	N/A	↓ 13.9	↓ 3.7		↓ 17.2	

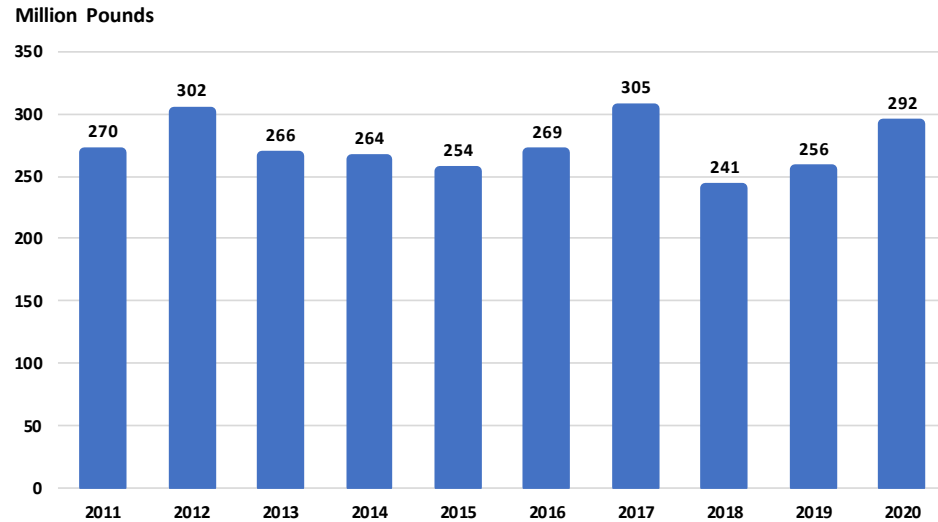


October 2020 Fruit and Nuts Production



	Production (1,000 Units)	Unit
Pecans	292,000	Lb
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 14.2	

**Pecan Production
United States**

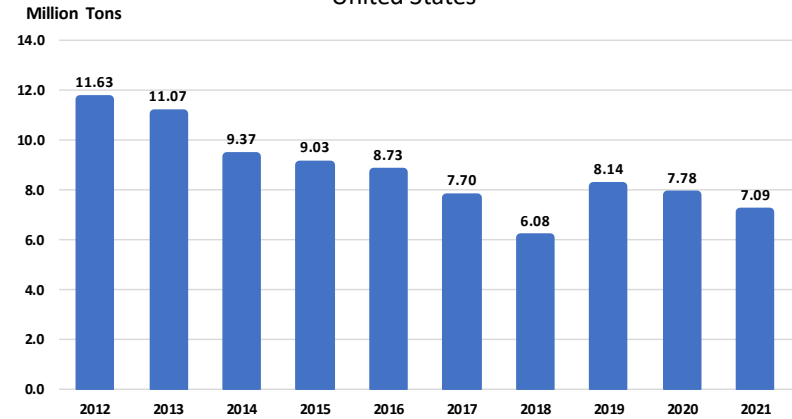


October 2020 Citrus Utilized Production

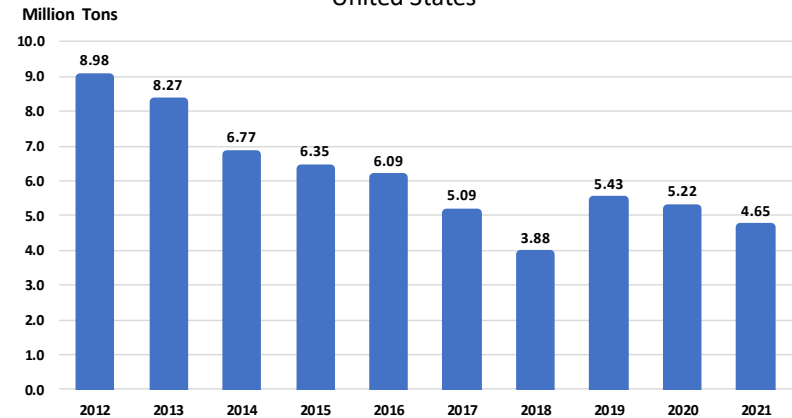
Production (1,000 Tons)

All Oranges	4,649
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 10.9
Non-Valencia Oranges	2,770
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 12.2
Valencia Oranges	1,879
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 8.9
Grapefruit	539
% Change from Previous Estimate	N/A
% Change from Previous Season	↑ 0.7
Lemons	932
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 15.3
Tangerines	972
% Change from Previous Estimate	N/A
% Change from Previous Season	↑ 4.7

All Citrus Production United States



All Orange Production United States





Selected Upcoming Reports



October 22	Cotton Ginnings Organics
October 23	Cattle on Feed Rice Stocks
October 30	Agricultural Prices
November 2	Cotton System Fats and Oils Flour Milling Grain Crushings
November 10	Cotton Ginnings Crop Production

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



USDA NASS Data Users' Meeting



2020
Data Users'
Virtual Meeting
WEDNESDAY, OCTOBER 28
FREE AND OPEN TO THE PUBLIC

County	Number of Farms	Number of Acres	Number of Farms	Number of Acres
Apache	14,179	4,436	14,179	4,436
Cochise	1,422	1,528	1,422	1,528
Cocopah	1,422	1,528	1,422	1,528
Cochise	1,422	1,528	1,422	1,528
Cochise	1,422	1,528	1,422	1,528

Wednesday, October 28, 2020
12:30 p.m. – 3:30 p.m. EDT

For more information and to register please go to
[www.nass.usda.gov/Education and Outreach/Meeting/index.php](http://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php)



STAT CHAT SERIES

Join @usda_nass on Twitter using #StatChat to discuss the *Crop Production* report with Lance Honig.

FRIDAY, OCT. 9 @ 1PM ET

You can tweet questions in advance to @usda_nass.

#STATCHAT





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For Questions

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