

August Crop Production

Agricultural Statistics Board Briefing

Lance Honig, Chief Crops Branch



Data Sources



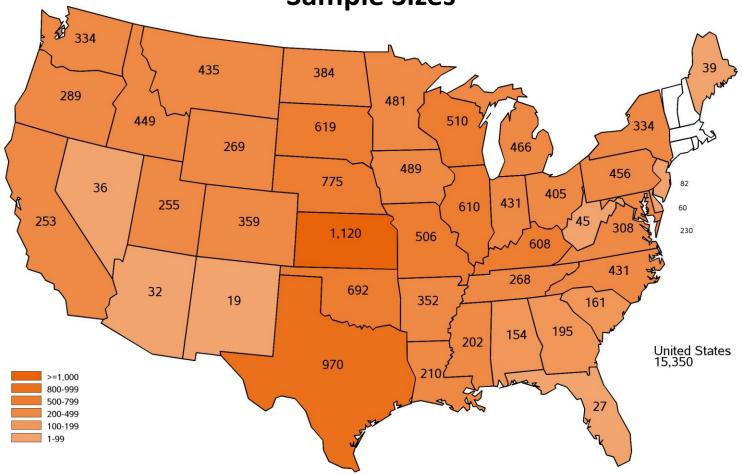
Operator Reported	Ag Yield	Sample Size = 15,350	July 30 - August 8
Survey	June Re-Interview	Sample Size = 762	July 11 - 18
Field	Objective Yield	Cample Size - 1 1EE	July 25 August 1
Survey	Winter Wheat	Sample Size = 1,155	July 25 - August 1
Remotely Sensed	Time Series 250 Meter	Focus Area	Imagery Through
(Satellite)	MODIS Satellite Data	Corn Belt	July 27



August 2022 Ag Yield Survey









Special Note



When planting delays occur, NASS has established procedures and processes in place to re-contact respondents. Survey respondents in Minnesota, North Dakota, and South Dakota, who reported acreage as not yet planted for the *Acreage* report, released June 30, 2022, were re-contacted in July. Excessive rainfall delayed planting at the time of data collection of the survey, leaving a portion of acres still to be planted in these States.

Planted and harvested area estimates for the States and crops listed below were reviewed and any updates are included on page 6 of the report.

- <u>Minnesota</u>: barley, canola, corn, dry edible beans, oats, soybeans, sunflowers, and other spring wheat;
- North Dakota: barley, canola, corn, dry edible beans, oats, soybeans, sunflowers, and Durum & other spring wheat;
- South Dakota: barley, corn, oats, sorghum, soybeans, sunflowers, and other spring wheat.

Beginning in 2022, to allow for more complete information, potato area planted for certified seed data will be published in the *Crop Production* report released in September. Data have historically been published in the *Crop Production* report released in August.



June 2022 Re-Interview Updates



Planted & Harvested Acreage

	Minn	esota	North (Dakota	South I	Dakota	United States			
	Planted	Harvested	Planted	Harvested	Planted	Harvested	Planted	Harvested		
	(1,000 Acres)	(1,000 Acres)								
Barley	45.0	35.0	670	550	49.0	12.0	3,026	2,380		
% Change from Previous Estimate	NC	NC	↓ 2.9	↓ 2.7	NC	NC	↓ 0.7	↓ 0.6		
% Change from Previous Season	↓ 18.2	↑ 2.9	↑ 15.5	↑ 27.9	↑ 63.3	↓ 14.3	↑ 13.8	↑ 22.2		
Canola	56.0	54.0	1,570	1,550	N/A	N/A	1,958	1,913		
% Change from Previous Estimate	NC	NC	NC	NC			NC	NC		
% Change from Previous Season	↓ 11.1	↓ 12.2	↓ 10.3	↓ 9.9			↓ 9.0	↓ 8.4		
Corn	8,200	7,700	3,000	2,750	5,900	5,400	89,821	81,840		
% Change from Previous Estimate	↓ 1.2	↓ 1.3	NC	NC	NC	NC	↓ 0.1	↓ 0.1		
% Change from Previous Season	↓ 2.4	↓ 1.8	↓ 26.8	↓ 24.2	↓ 4.1	↓ 1.5	↓ 3.8	↓ 4.2		
Dry Edible Beans	215	206	580	560	N/A	N/A	1,284	1,239		
% Change from Previous Estimate	↑ 10.3	10.8	NC	NC			↑ 0.2	↑ 0.4		
% Change from Previous Season	↓ 10.4	↓ 12.0	↓ 12.1	↓ 9.7			↓ 7.9	↓ 7.2		
Oats	165	105	360	120	200	95.0	2,392	796		
% Change from Previous Estimate	NC	NC								
% Change from Previous Season	↓ 8.3	↑ 36.4	1.4	↑ 44.6	↓ 7.0	↑ 69.6	↓ 6.2	个 22.5		



June 2022 Re-Interview Updates



Planted & Harvested Acreage

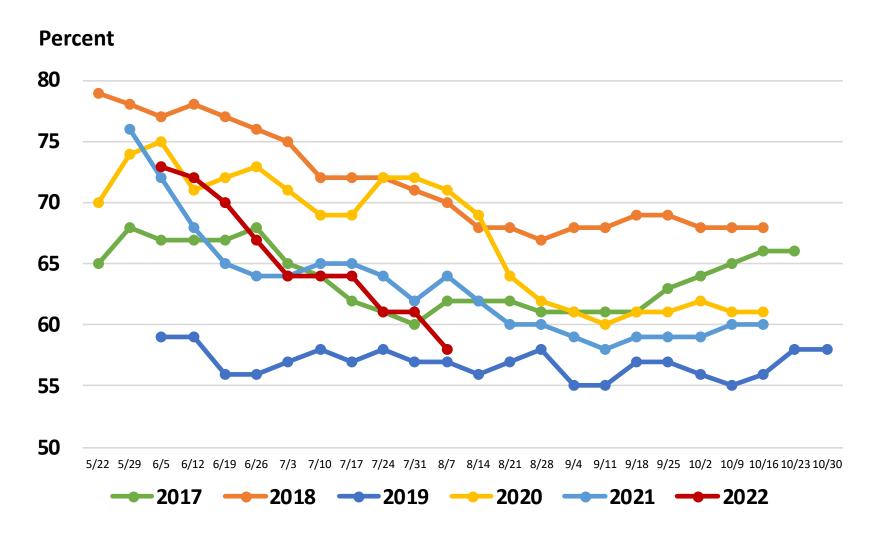
	Minn	esota	North I	Dakota	South I	Dakota	United	States
	Planted	Harvested	Planted	Harvested	Planted	Harvested	Planted	Harvested
	(1,000 Acres)							
Sorghum	N/A	N/A	N/A	N/A	340	250	6,305	5,375
% Change from Previous Estimate					NC	NC	NC	NC
% Change from Previous Season					1 9.7	↑ 19.0	↓ 13.7	↓ 17.2
Soybeans	7,500	7,430	5,700	5,650	5,400	5,350	88,025	87,211
% Change from Previous Estimate	NC	NC	↓ 3.4	↓ 3.4	↓ 1.8	↓ 1.8	↓ 0.3	↓ 0.3
% Change from Previous Season	↓ 2.0	↓ 2.0	↓ 21.4	↓ 20.6	↓ 0.9	↓ 0.7	↑ 1.0	↑ 1.0
Sunflowers	74.0	71.7	735	712	605	583	1,667	1,602
% Change from Previous Estimate	NC							
% Change from Previous Season	↑ 29.8	↑ 28.5	↑ 48.8	↑ 47.7	↑ 15.7	↑ 16.4	↑ 29.4	↑ 28.8
Durum Wheat	N/A	N/A	950	920	N/A	N/A	1,876	1,820
% Change from Previous Estimate			↓ 9.5	↓ 9.4			↓ 5.1	↓ 5.0
% Change from Previous Season			↑ 8.0	↑ 12.2			↑ 14.7	↑ 18.6
Other Spring Wheat	1,250	1,160	5,400	5,250	770	730	11,110	10,705
% Change from Previous Estimate	NC							
% Change from Previous Season	↑ 3.3	NC	↓ 1.8	↑ 0.8	↑ 6.9	↑ 23.7	↓ 2.7	↑ 5.3



United States Corn Condition



Percent Rated Good to Excellent

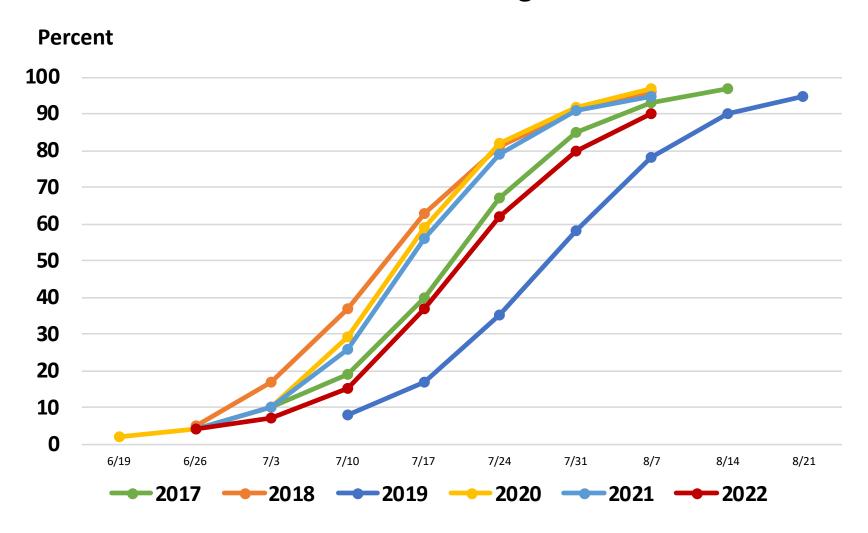




United States Corn Progress



Percent Silking





August 2022 Corn Acreage, Yield, and Production



Planted (1,000 Acres)			Harvested (1,000 Acres)		Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	89,82	21	81,	840	175.4	14,358,679
% Change from Previous Estimate	V 0).1	\	0.1	N/A	N/A
% Change from Previous Season	↓ 3	3.8	\	4.2	↓ 0.9	↓ 5.0

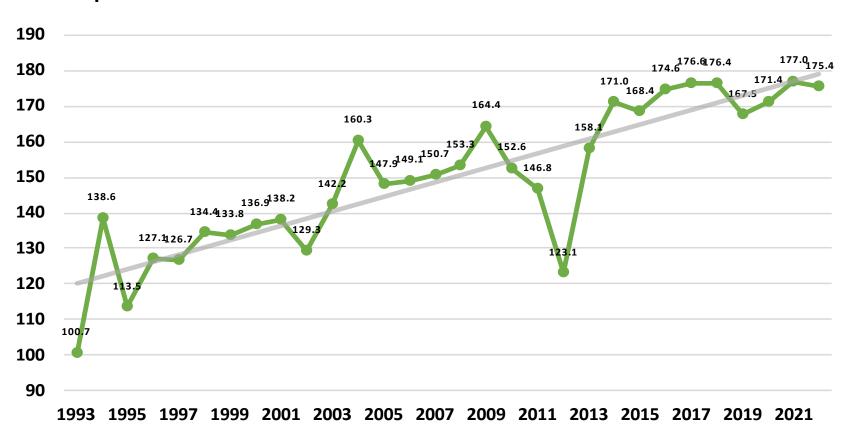
		Top 5 States - By Production													
	Plant	ted		Harvested			Yie	ld		Production					
	(1,000 Acres)	% /	ΔPY	(1,000 Acres)	%	Δ ΡΥ	(Bushels/Acre)	% Δ PY		(1,000 Bushels)	% Δ PY				
Iowa	12,700	\downarrow	1.6	12,250	\downarrow	1.6	205		NC	2,511,250	\downarrow	1.6			
Illinois	10,700	\downarrow	2.7	10,450	\downarrow	3.7	203	\uparrow	0.5	2,121,350	\downarrow	3.2			
Nebraska	9,700	\downarrow	2.0	9,400	\downarrow	1.7	181	\downarrow	6.7	1,701,400	\downarrow	8.3			
Minnesota	8,200	\downarrow	2.4	7,700	\downarrow	1.8	193	\uparrow	8.4	1,486,100	\uparrow	6.5			
Indiana	5,100	\downarrow	5.6	4,950	\downarrow	6.1	189	\downarrow	3.1	935,550	\downarrow	9.0			



Corn Yield United States



Bushels per Acre

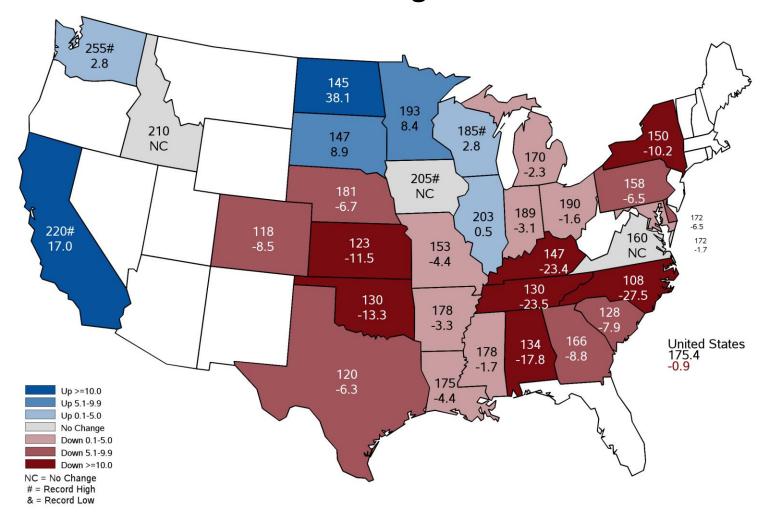




August 2022 Corn Yield



Bushels and Percent Change from Previous Year



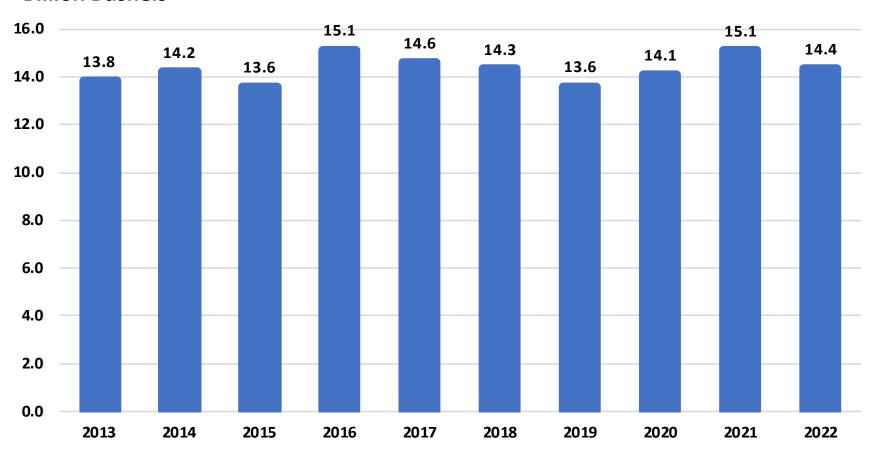


Corn Production



United States

Billion Bushels

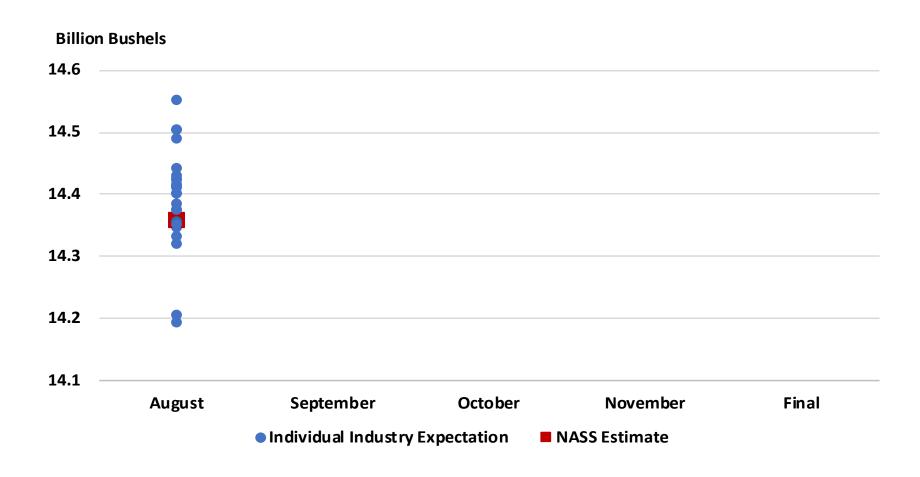




2022 U.S. Corn Production



Industry Expectations vs NASS

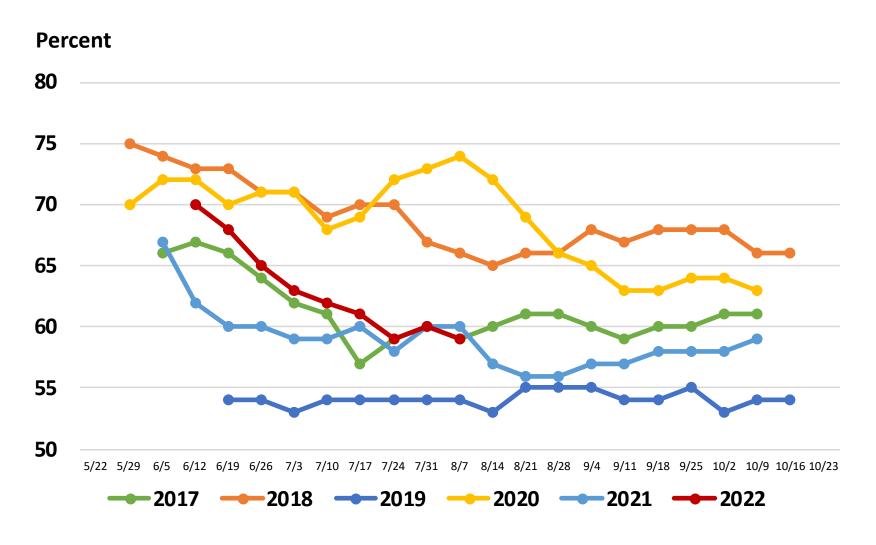




United States Soybean Condition



Percent Rated Good to Excellent

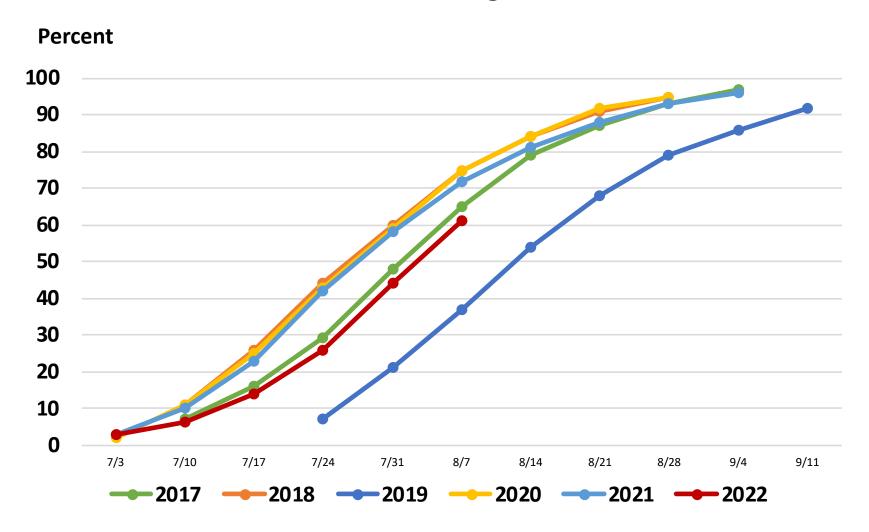




United States Soybean Progress



Percent Setting Pods





August 2022 Soybeans Acreage, Yield, and Production



Planted (1,000 Acres)			Harvested (1,000 Acres)		Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	88,02	25	87,	211	51.9	4,530,561
% Change from Previous Estimate	↓ 0	0.3	\	0.3	N/A	N/A
% Change from Previous Season	↑ 1	L.0	↑	1.0	↑ 1.0	↑ 2.1

		Top 5 States - By Production												
	Plan	ted		Harvested			Yie	ld		Production				
	(1,000 Acres)	% /	ΔPY	(1,000 Acres)	%	Δ ΡΥ	(Bushels/Acre)	%	ΔΡΥ	(1,000 Bushels)	%	ΔΡΥ		
Illinois	11,200	\uparrow	5.7	11,100	\uparrow	5.6	66.0	\uparrow	3.1	732,600	\uparrow	8.9		
Iowa	10,300	\uparrow	2.0	10,220	\uparrow	1.9	58.0	\downarrow	6.5	592,760	\downarrow	4.7		
Minnesota	7,500	\downarrow	2.0	7,430	\downarrow	2.0	50.0	\uparrow	6.4	371,500	\uparrow	4.3		
Indiana	5,850	\uparrow	3.5	5,830	\uparrow	3.4	60.0	\uparrow	0.8	349,800	\uparrow	4.2		
Nebraska	5,600		NC	5,550	\downarrow	0.4	55.0	\downarrow	12.7	305,250	\downarrow	13.0		

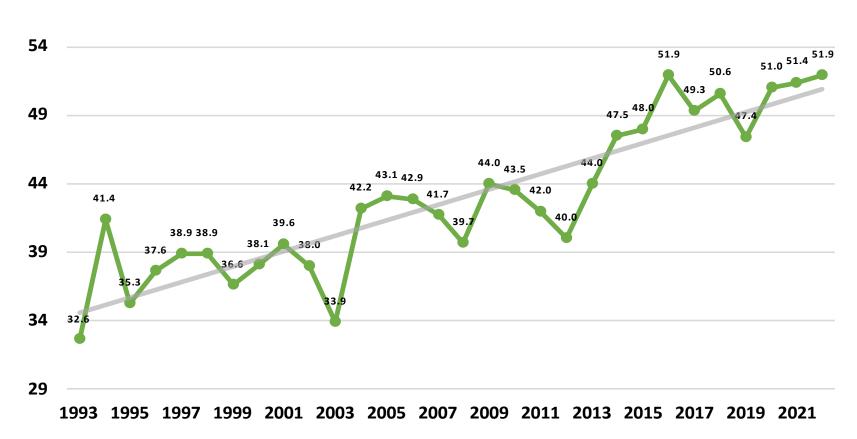


Soybean Yield



United States

Bushels per Acre

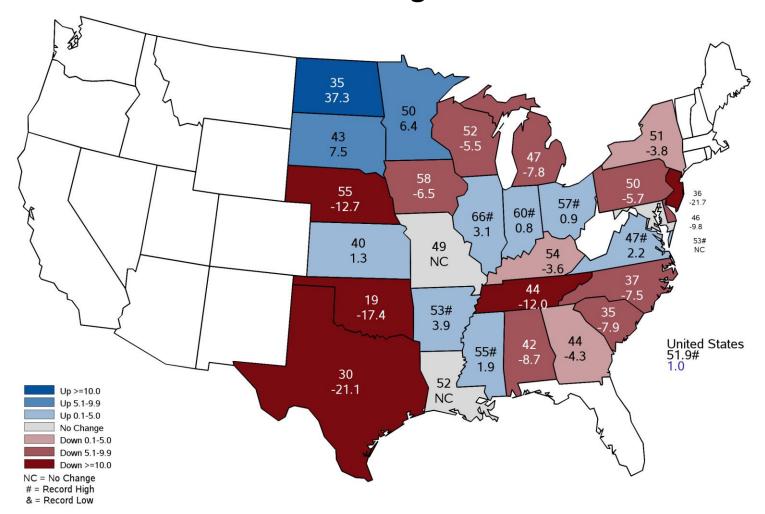




August 2022 Soybean Yield



Bushels and Percent Change from Previous Year



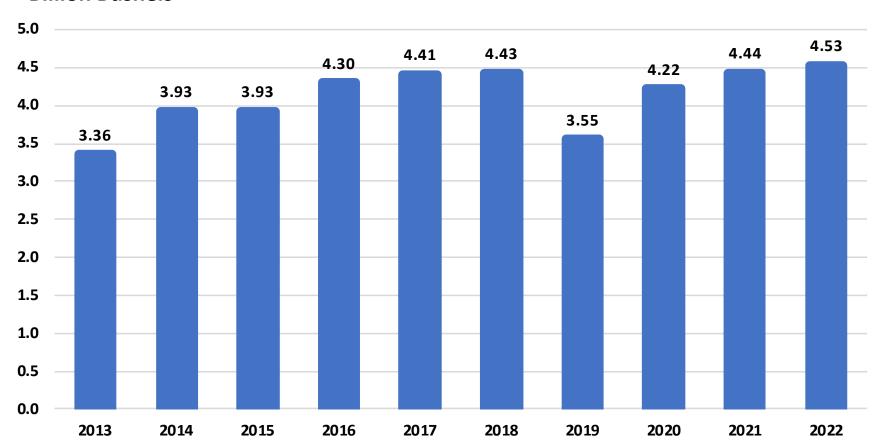


Soybean Production



United States

Billion Bushels

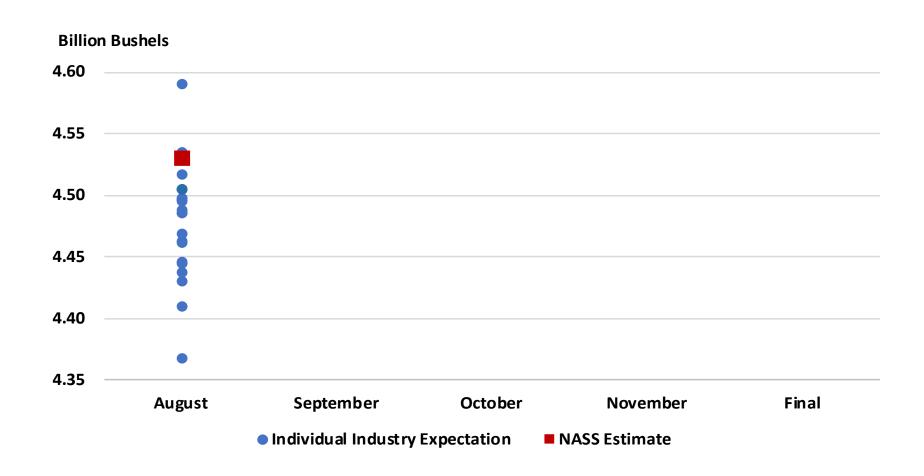




2022 U.S. Soybean Production



Industry Expectations vs NASS

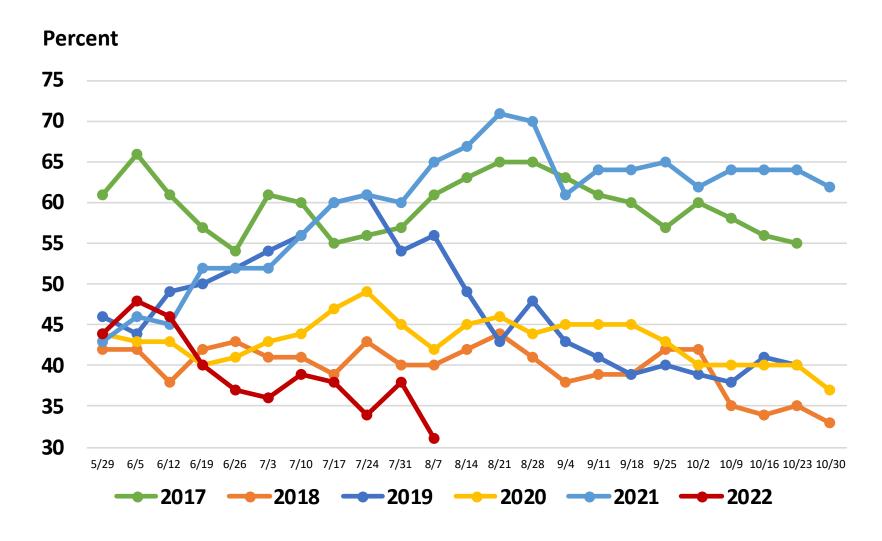




United States Cotton Condition



Percent Rated Good to Excellent

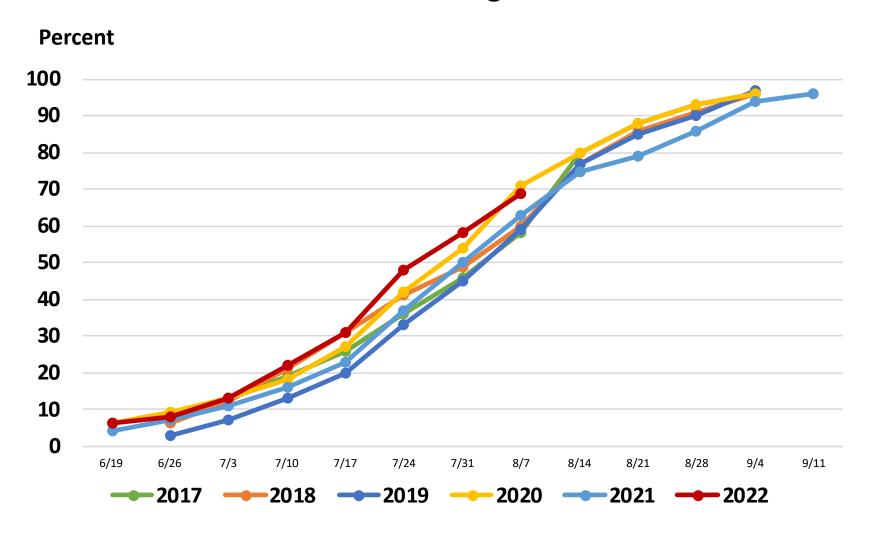




United States Cotton Progress



Percent Setting Bolls





August 2022 Cotton Acreage, Yield, and Production



	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
United States	12,478	7,129	846	12,570
% Change from Previous Estimate	NC	N/A	N/A	N/A
% Change from Previous Season	↑ 11.3	↓ 30.6	↑ 3.3	↓ 28.3

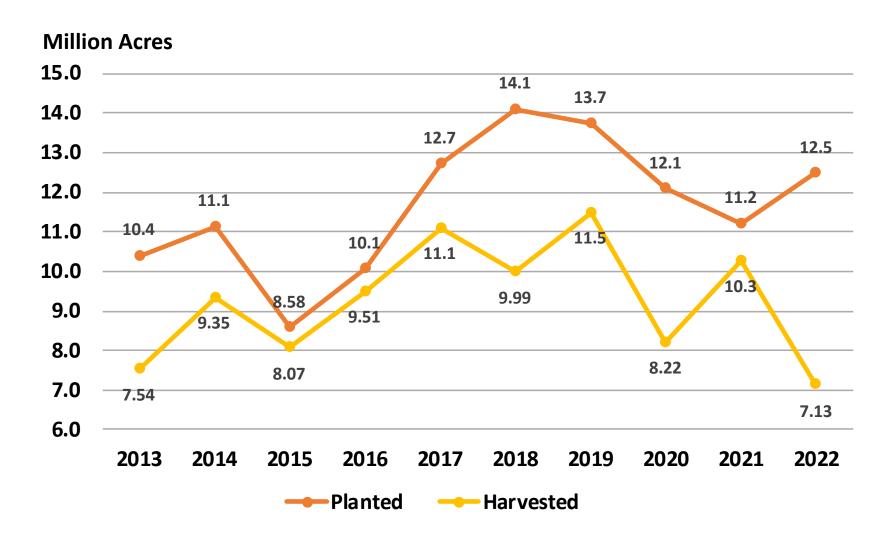
		Top 5 States - By Production												
	Plan	ted		Harvested			Yie	ld		Production				
	(1,000 Acres)	%	ΔΡΥ	(1,000 Acres)	%	ΔΡΥ	(Pounds/Acre)	%	ΔΡΥ	(1,000 Bales)	%	ΔΡΥ		
Texas	7,122	\uparrow	11.9	2,220	\downarrow	60.1	634.0	\downarrow	4.8	2,934	\downarrow	62.0		
Georgia	1,200	\uparrow	2.6	1,190	\uparrow	2.6	928.0	\uparrow	1.5	2,300	\uparrow	4.1		
Arkansas	500	\uparrow	4.2	490	\uparrow	3.2	1,195.0	\downarrow	4.2	1,220	\downarrow	1.2		
Mississippi	490	\uparrow	10.1	485	\uparrow	12.8	1,029.0	\uparrow	3.2	1,040	\uparrow	16.5		
North Carolina	450	\uparrow	20.0	430	\uparrow	17.8	871.0	\downarrow	14.4	780	\uparrow	0.9		



Cotton Acres



United States



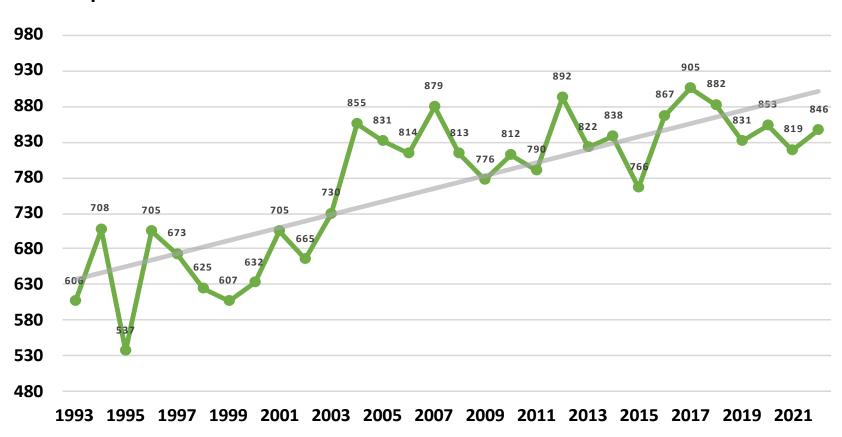


Cotton Yield



United States

Pounds per Acre

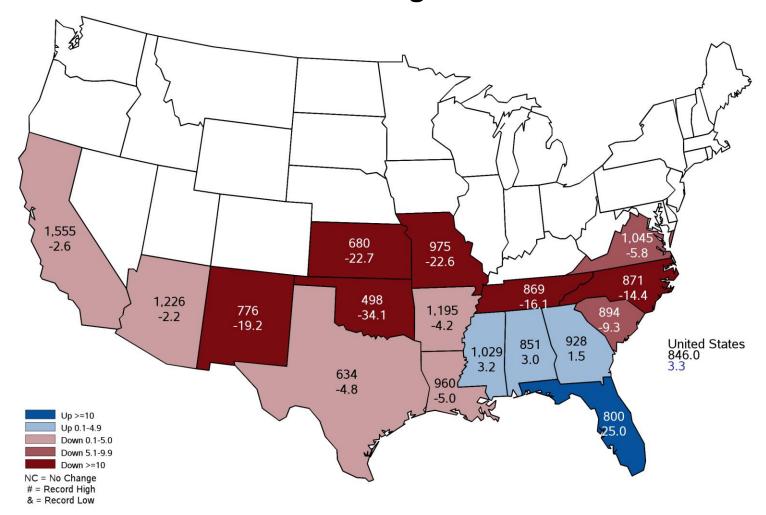




August 2022 Cotton Yield



Pounds and Percent Change from Previous Year



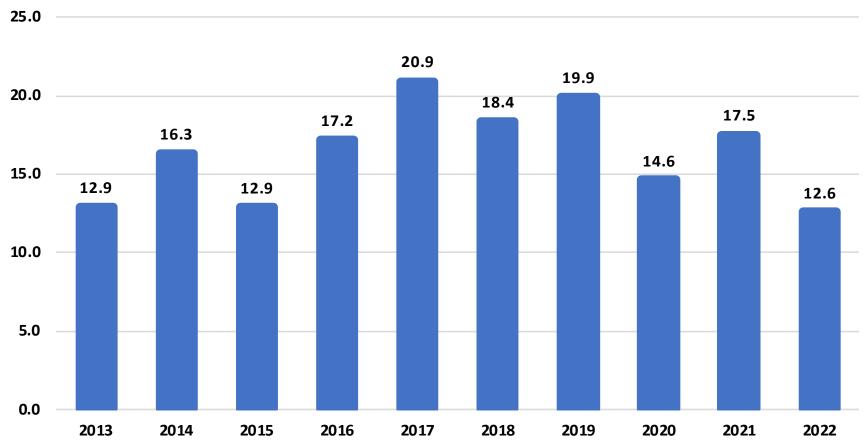


Cotton Production



United States

Million Bales

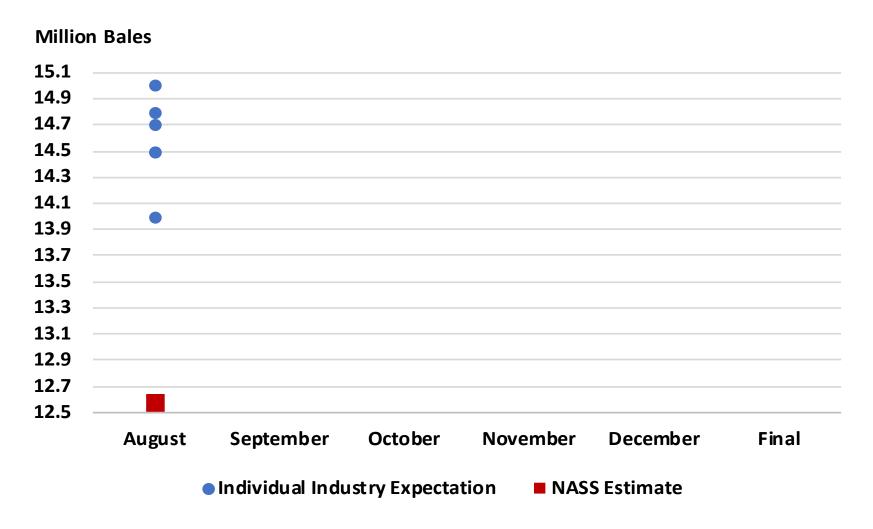




2022 U.S. Cotton Production



Industry Expectations vs NASS

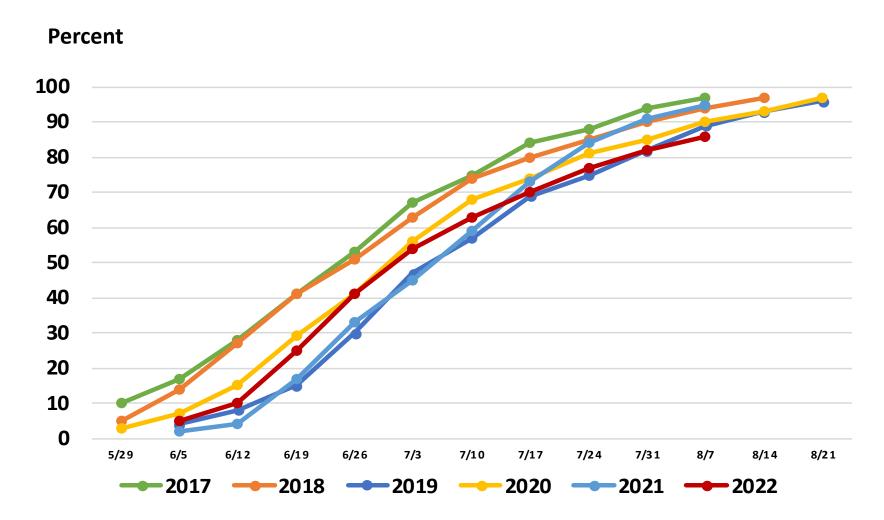




United States Winter Wheat Progress



Percent Harvested





August 2022 Winter Wheat



Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)		
United States	34,006	25,002	47.9	1,197,650		
% Change from Previous Estimate	NC	NC	↓ 0.2	↓ 0.3		
% Change from Previous Season	↑ 1.1	↓ 1.8	↓ 4.6	↓ 6.2		

		Top 5 States - By Production												
	Plant		Harvested			Yie	ld		Production					
	(1,000 Acres)	% /	ΔΡΥ	(1,000 Acres)	%	Δ ΡΥ	(Bushels/Acre)	%	ΔΡΥ	(1,000 Bushels)	%	ΔΡΥ		
Kansas	7,400	\uparrow	1.4	6,850	\downarrow	2.1	38.0	\downarrow	26.9	260,300	\downarrow	28.5		
Washington	1,850	\uparrow	5.7	1,790	\uparrow	5.9	72.0	\uparrow	71.4	128,880	\uparrow	81.6		
Oklahoma	4,400		NC	2,700	\downarrow	8.5	27.0	\downarrow	30.8	72,900	\downarrow	36.6		
Montana	2,050	\uparrow	5.1	1,900	\uparrow	9.8	35.0	\uparrow	12.9	66,500	\uparrow	24.0		
Idaho	780	\uparrow	9.9	720	\uparrow	12.5	91.0	\uparrow	28.2	65,520	\uparrow	44.2		

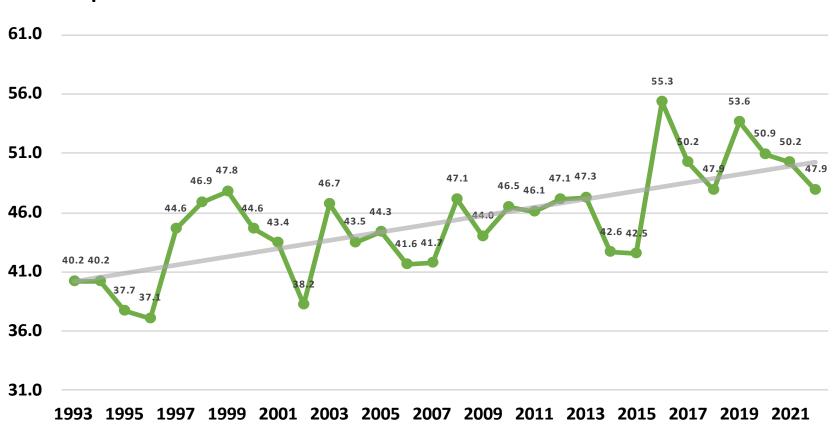


Winter Wheat Yield



United States

Bushels per Acre

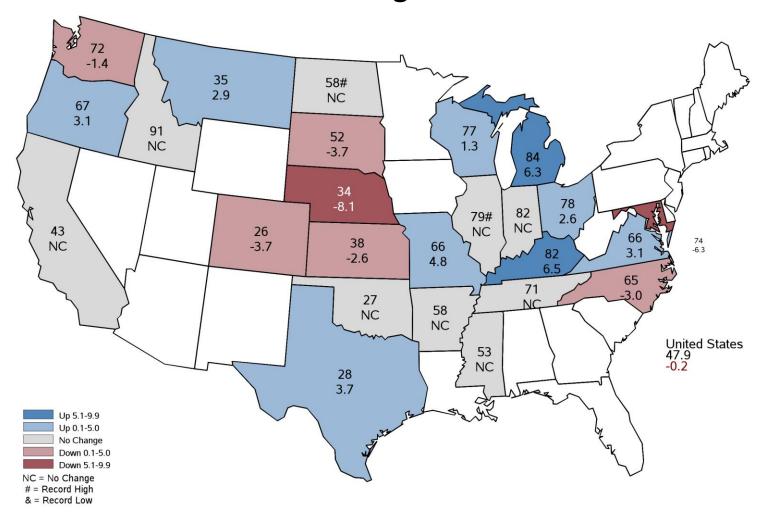




August 2022 Winter Wheat Yield



Bushels and Percent Change from Previous Month

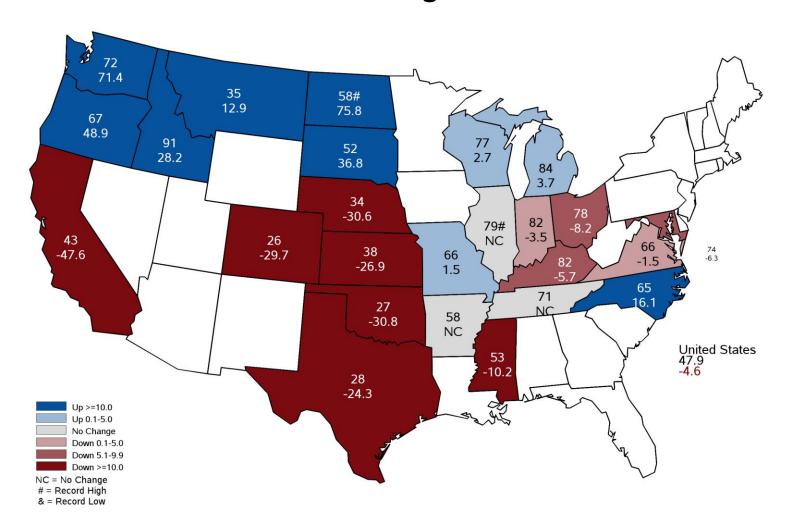




August 2022 Winter Wheat Yield



Bushels and Percent Change from Previous Year



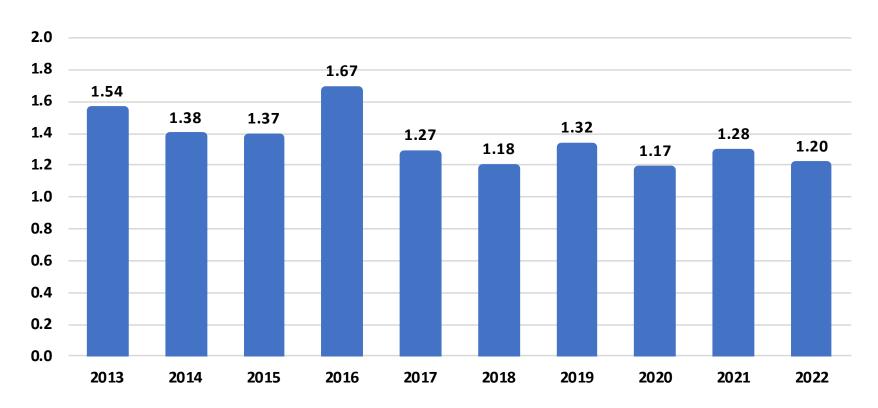


Winter Wheat Production



United States

Billion Bushels

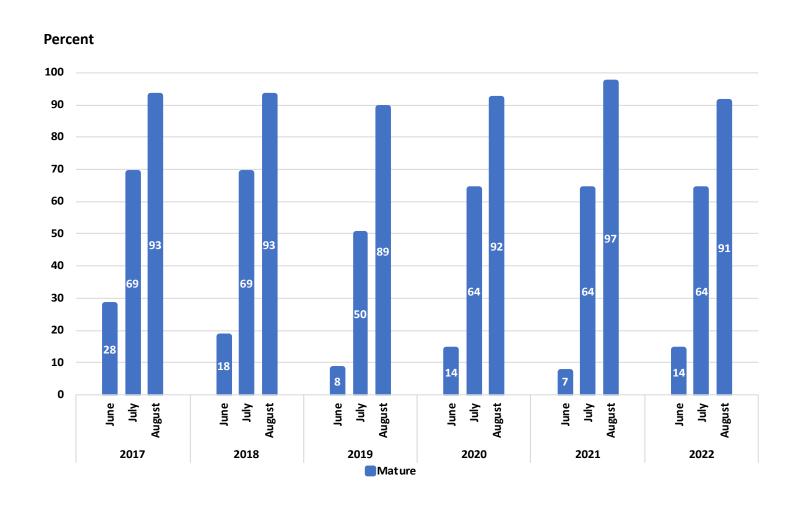




August 2022 Winter Wheat Objective Yield



Percent of Samples Processed in the Lab

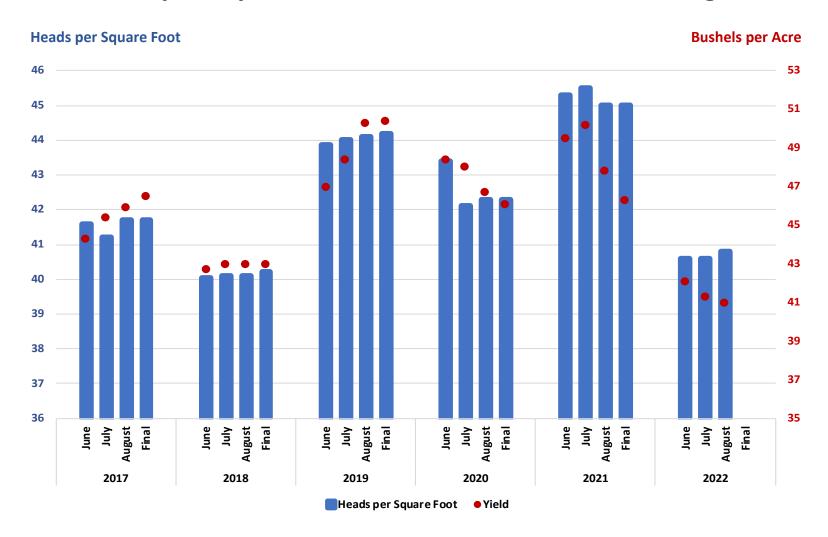




August 2022 Winter Wheat Objective Yield



Heads per Square Foot and Yield for 10 State Region



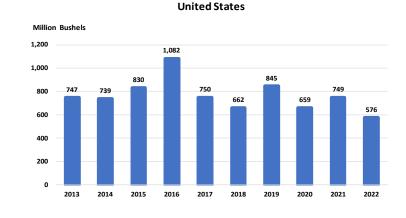


August 2022 Winter Wheat Production



United States by Class

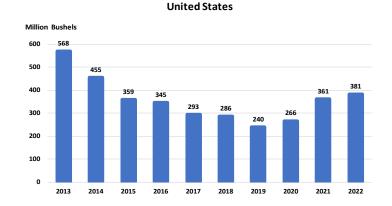
	Produ	ction	Unit
	(1,000	Units)	
Hard Red Winter Wheat	57	6,173	Bu
% Change from Previous Estimate	\downarrow	1.5	
% Change from Previous Season	\downarrow	23.1	
Soft Red Winter Wheat	38	1,326	Bu
% Change from Previous Estimate	\uparrow	1.5	
% Change from Previous Season	↑	5.7	
White Winter Wheat	24	0,151	Bu
% Change from Previous Estimate	\uparrow	0.1	
% Change from Previous Season	↑	43.6	



Hard Red Winter Wheat Production

United States Million Bushels 300 250 227 200 184 185 167 100 50

White Winter Wheat Production



Soft Red Winter Wheat Production

2017

2018

2019

2020

2021

2014

2015

2016

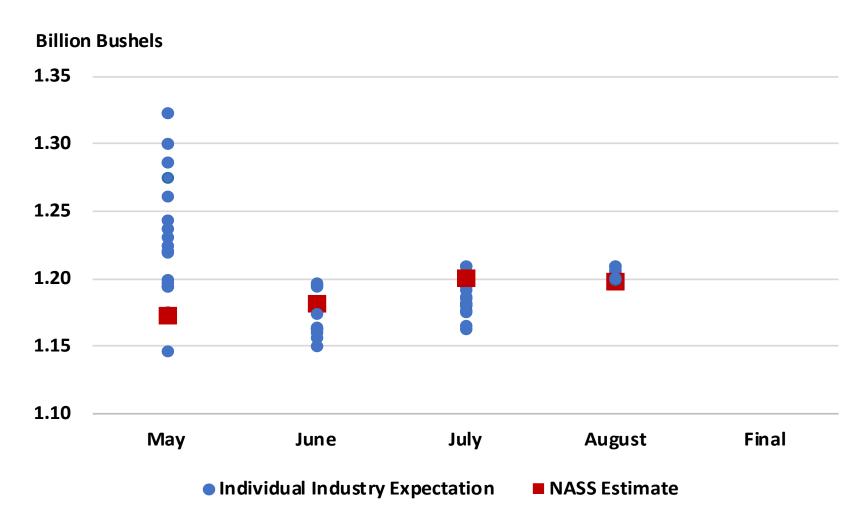
2013



2022 U.S. Winter Wheat Production



Industry Expectations vs NASS





August 2022 Other Spring Wheat



Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	11,110	10,705	47.8	511,690
% Change from Previous Estimate	NC	NC	↑ 1.7	↑ 1.7
% Change from Previous Season	↓ 2.7	↑ 5.3	↑ 46.6	↑ 54.5

	Top 5 States - By Production											
	Planted		Planted Harvested		Yield			Production				
	(1,000 Acres)	% /	ΔPY	(1,000 Acres)	%	ΔΡΥ	(Bushels/Acre)	%	ΔΡΥ	(1,000 Bushels)	9	6 Δ PY
North Dakota	5,400	\downarrow	1.8	5,250	\uparrow	8.0	52.0	1	55.2	273,000	\uparrow	56.4
Montana	2,750	\downarrow	5.2	2,650	\uparrow	21.6	28.0	1	64.7	74,200	\uparrow	100.2
Minnesota	1,250	\uparrow	3.3	1,160		NC	56.0	1	16.7	64,960	\uparrow	16.7
Idaho	470	\downarrow	7.8	450	\downarrow	7.2	94.0	\uparrow	49.2	42,300	\uparrow	38.4
South Dakota	770	\uparrow	6.9	730	\uparrow	23.7	44.0	1	51.7	32,120	\uparrow	87.7

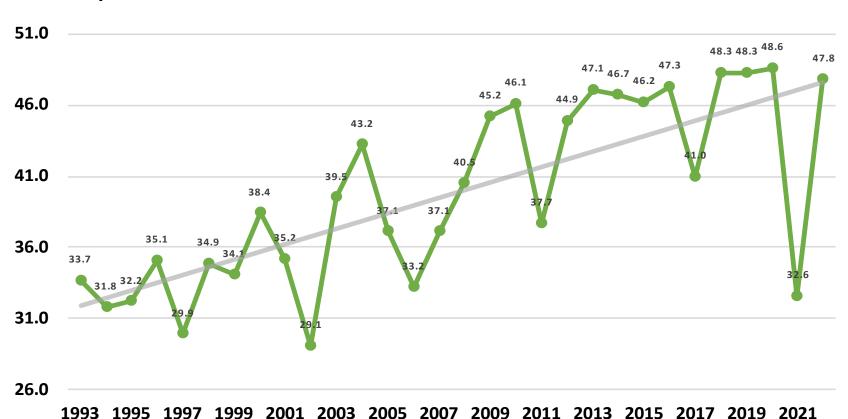


Other Spring Wheat Yield



United States

Bushels per Acre

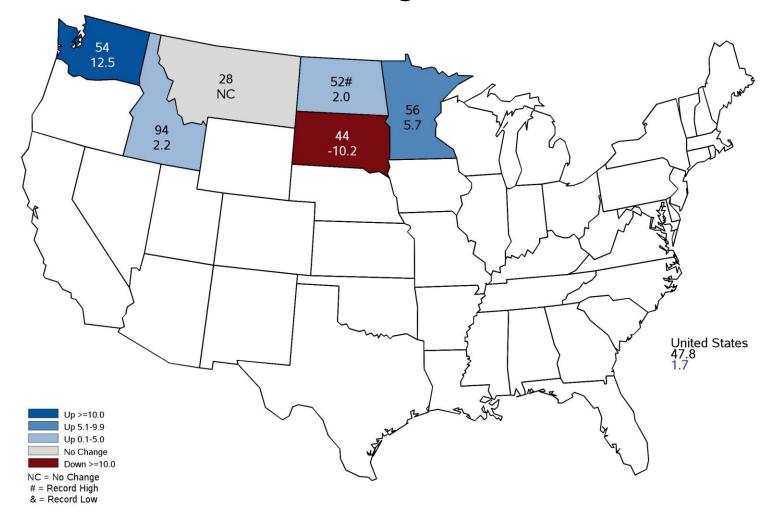




August 2022 Other Spring Wheat Yield



Bushels and Percent Change from Previous Month

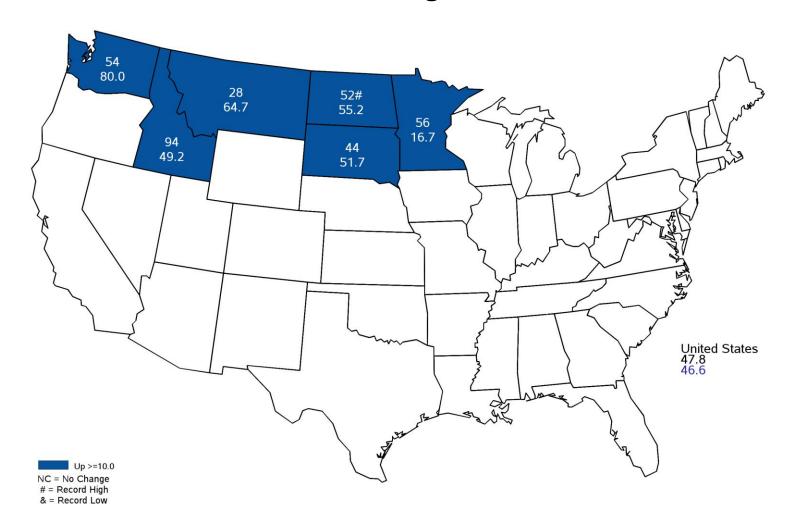




August 2022 Other Spring Wheat Yield



Bushels and Percent Change from Previous Year



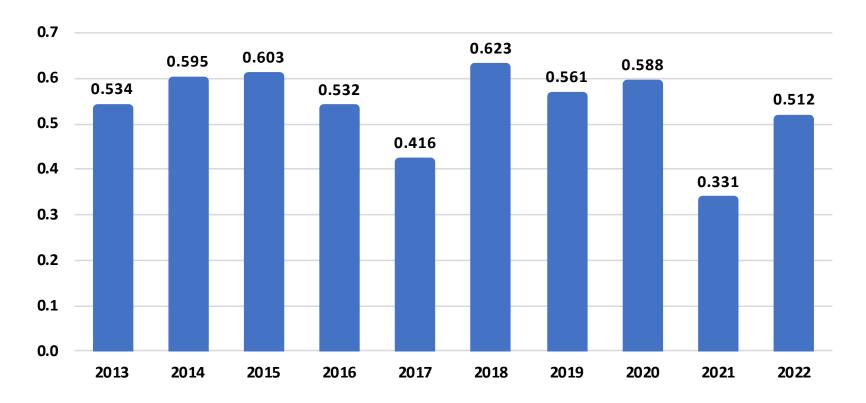


Other Spring Wheat Production



United States

Billion Bushels

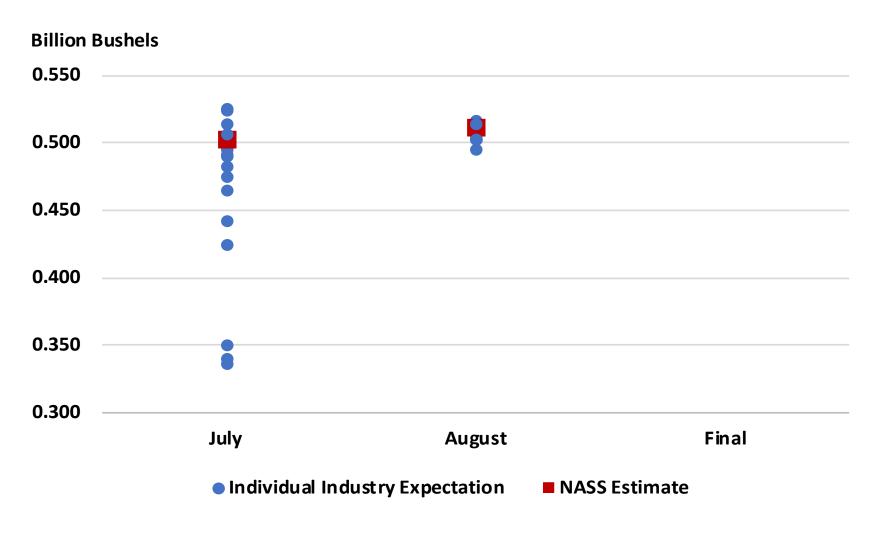




2022 U.S. Other Spring Wheat Production



Industry Expectations vs NASS





August 2022 Durum Wheat



Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	1,876	1,820	40.4	73,558
% Change from Previous Estimate	↓ 5.1	↓ 5.0	↑ 0.2	↓ 4.7
% Change from Previous Season	↑ 14.7	↑ 18.6	↑ 66.3	↑ 97.4

	Top 5 States - By Production											
	Plan	nted Harvested			Yield			Production				
	(1,000 Acres)	%	ΔΡΥ	(1,000 Acres)	%	ΔΡΥ	(Bushels/Acre)	%	ΔΡΥ	(1,000 Bushels)	9	6 Δ PY
North Dakota	950	\uparrow	8.0	920	\uparrow	12.2	41.0	\uparrow	70.8	37,720	\uparrow	91.7
Montana	790	\uparrow	17.9	770	\uparrow	21.3	29.0	\uparrow	81.3	22,330	\uparrow	119.8
Arizona	90	\uparrow	69.8	89	\uparrow	71.2	102.0	\uparrow	13.3	9,078	\uparrow	94.0
California	40	\uparrow	60.0	35	\uparrow	75.0	112.0	\uparrow	1.8	3,920	\uparrow	78.2
Idaho	6	\downarrow	14.3	6	\downarrow	14.3	85.0	1	10.4	510	\downarrow	5.4

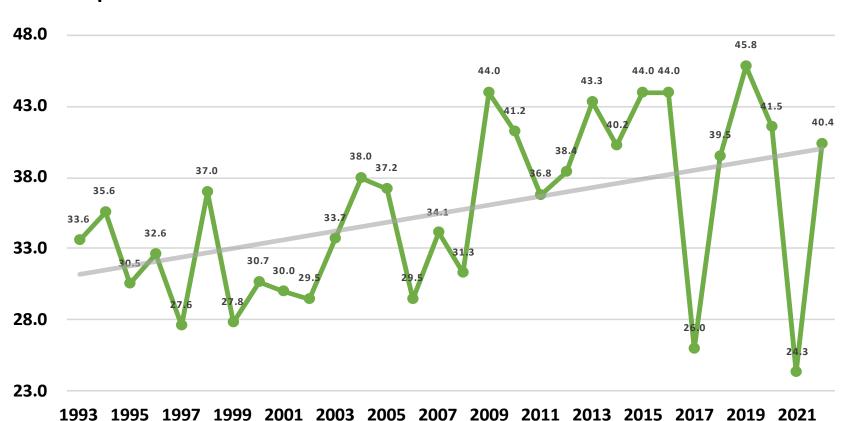


Durum Wheat Yield



United States

Bushels per Acre

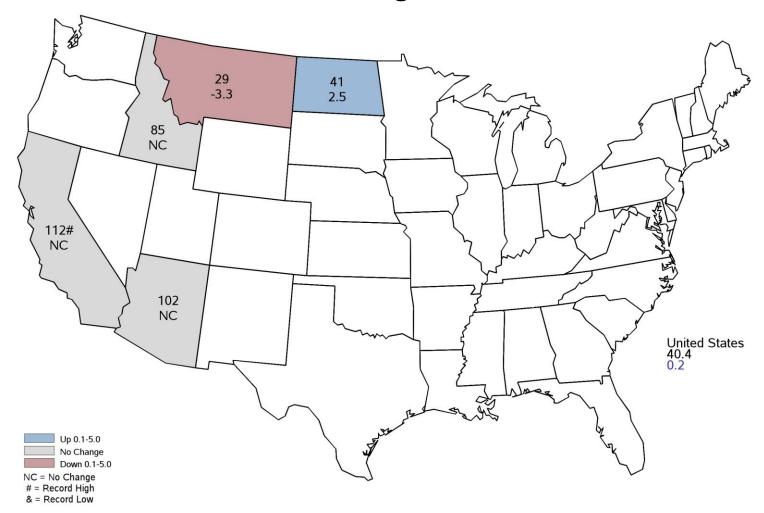




August 2022 Durum Wheat Yield



Bushels and Percent Change from Previous Month

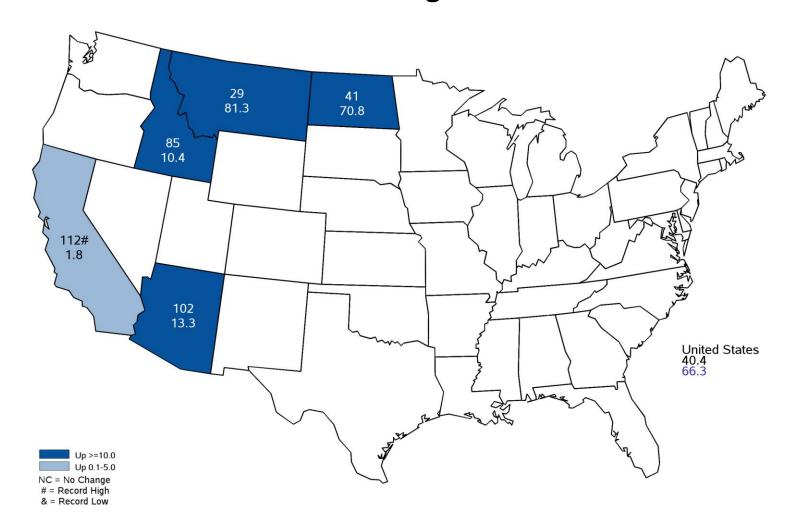




August 2022 Durum Wheat Yield



Bushels and Percent Change from Previous Year



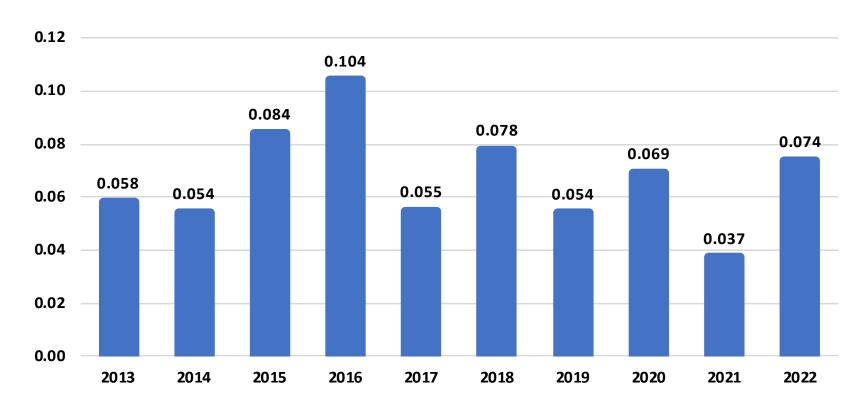


Durum Wheat Production



United States

Billion Bushels

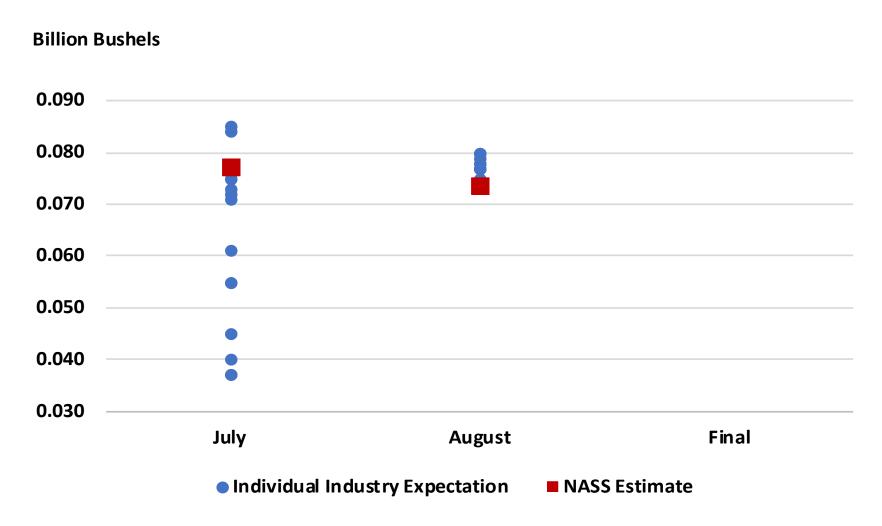




2022 U.S. Durum Wheat Production



Industry Expectations vs NASS





August 2022 Field Crops



Acreage, Yield, and Production

	Planted	Harvested	Yield	Unit	Production	Unit
	(1,000 Acres)	(1,000 Acres)	(Units per Acre)		(1,000 Units)	
Barley	3,026	2,380	66.3	Bu	157,848	Bu
% Change from Previous Estimate	↓ 0.7	↓ 0.6	↓ 9.2		↓ 9.7	
% Change from Previous Season	↑ 13.8	↑ 22.2	↑ 9.8		↑ 34.1	
Dry Edible Beans	1,284	1,239	1,979	Lb	24,525	Cwt
% Change from Previous Estimate	↑ 0.2	↑ 0.4	N/A		N/A	
% Change from Previous Season	↓ 7.9	↓ 7.2	↑ 16.3		↑ 7.9	
Alfalfa Hay	N/A	15,465	3.17	Ton	49,100	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↑ 1.4	↓ 1.9		↓ 0.3	
Other Hay	N/A	36,042	1.88	Ton	67,659	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↑ 1.6	↓ 6.0		↓ 4.6	
Hops	N/A	60.0	1,922	Lb	115,259	Lb
% Change from Previous Estimate	N/A	↑ 0.1	N/A		N/A	
% Change from Previous Season	N/A	↓ 1.5	1.2		↓ 0.3	



August 2022 Field Crops



Acreage, Yield, and Production

	Planted	Harvested	Yield	Unit	Production	Unit
	(1,000 Acres)	(1,000 Acres)	(Units per Acre)		(1,000 Units)	
Oats	2,392	796	66.1	Bu	52,576	Bu
% Change from Previous Estimate	NC	NC	NC		↓ 0.1	
% Change from Previous Season	↓ 6.2	↑ 22.5	↑ 7.8		↑ 32.0	
Peanuts	1,543	1,502	4,129	Lb	6,201,600	Lb
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↓ 2.7	↓ 2.8	↓ 0.1		↓ 2.9	
Rice	2,343	2,308	7,627	Lb	176,026	Cwt
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↓ 7.5	↓ 7.2	↓ 1.1		↓ 8.2	
Sorghum	6,305	5,375	53.2	Bu	286,120	Bu
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↓ 13.7	↓ 17.2	↓ 22.9		↓ 36.1	
Sugarbeets	1,178	1,146	29.2	Ton	33,486	Ton
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 1.6	↑ 3.5	↓ 12.0		↓ 8.9	



August 2022 Field Crops Acreage, Yield, and Production



	Planted	Planted Harvested		Yield	Unit	Production	Unit
	(1,000 Acres)	(1,000 Ac	res)	(Units per Acre)		(1,000 Units)	
Sugarcane	N/A		919	36.6	Ton	33,661	Ton
% Change from Previous Estimate	N/A	\downarrow	0.5	N/A		N/A	
% Change from Previous Season	N/A	\downarrow	1.7	↑ 4.3		↑ 2.5	
Tobacco	N/A		221	2,058	Lb	454,169	Lb
% Change from Previous Estimate	N/A	\downarrow	0.4	N/A		N/A	
% Change from Previous Season	N/A	↑	0.8	↓ 5.7		↓ 5.0	

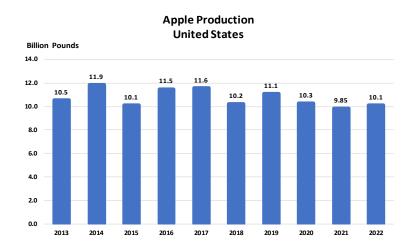


August 2022 Noncitrus Fruits and Nuts

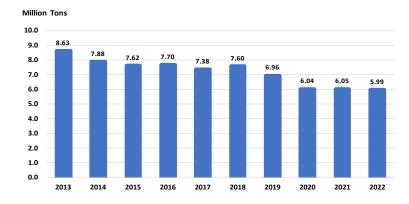


Production

		Production (1,000 Units)		
Apples	10,1	10,000	Lb	
% Change from Previous Estimate		N/A		
% Change from Previous Season	1	2.7		
Cranberries		7,440	Brl	
% Change from Previous Estimate		N/A		
% Change from Previous Season	\uparrow	5.2		
Grapes		5,985	Ton	
% Change from Previous Estimate		N/A		
% Change from Previous Season	\downarrow	1.1		
Peaches		584	Ton	
% Change from Previous Estimate		N/A		
% Change from Previous Season	\downarrow	15.3		
Pears		690	Ton	
% Change from Previous Estimate		N/A		
% Change from Previous Season	\downarrow	1.6		



Grape Production United States





Selected Upcoming Reports



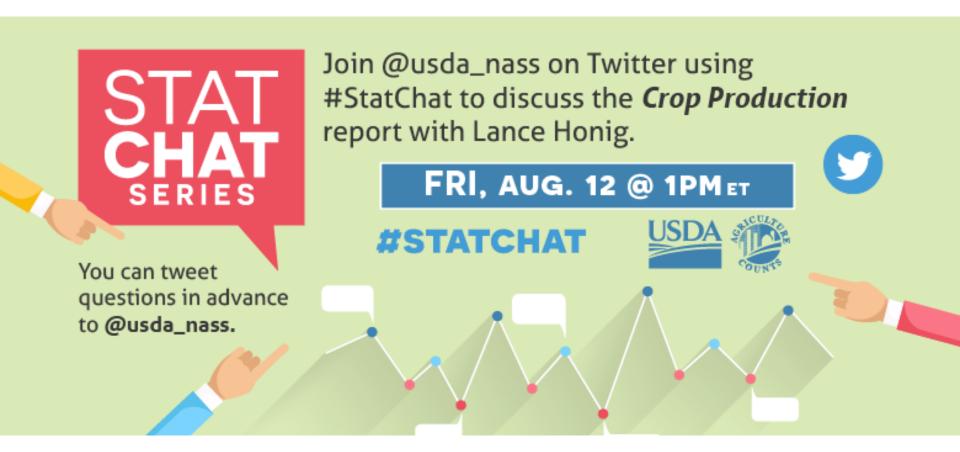
August 19	Cattle on Feed Rice Stocks
August 26	Cash Rents - County Mushrooms
August 31	Agricultural Prices
September 1	Cotton System Fats & Oils Grain Crushings
September 7	Citrus Fruits
September 12	Cotton Ginnings Crop Production

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