



United States Department of Agriculture  
**National Agricultural Statistics Service**

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**October Crop Production**  
Executive Summary

Lance Honig, Chief  
Crops Branch



# Contents

Field Crops	Fruit & Nuts	Specialty Crops
Corn	Citrus	Dry Beans
Soybeans	Pecans	Tobacco
Cotton		Sugarbeets
Rice		Sugarcane
Peanuts		
Sorghum		
Alfalfa Hay		
Other Hay		
Canola		
Sunflowers		
Spring Potatoes		



# Survey Overview

## Florida Citrus

	<b>Tree Inventory</b>	<b>Limb Count</b>	<b>Objective Surveys (Size and Drop)</b>
Survey Type	Field Observations	Field Observations	Field Observations
Crops Included	All	All	All
Sample Size	269,200 Acres	3,358 Groves	1,971 Groves
Collection Period	July 1, 2016 – June 23, 2017	July 10 – September 7	September 12 - 22



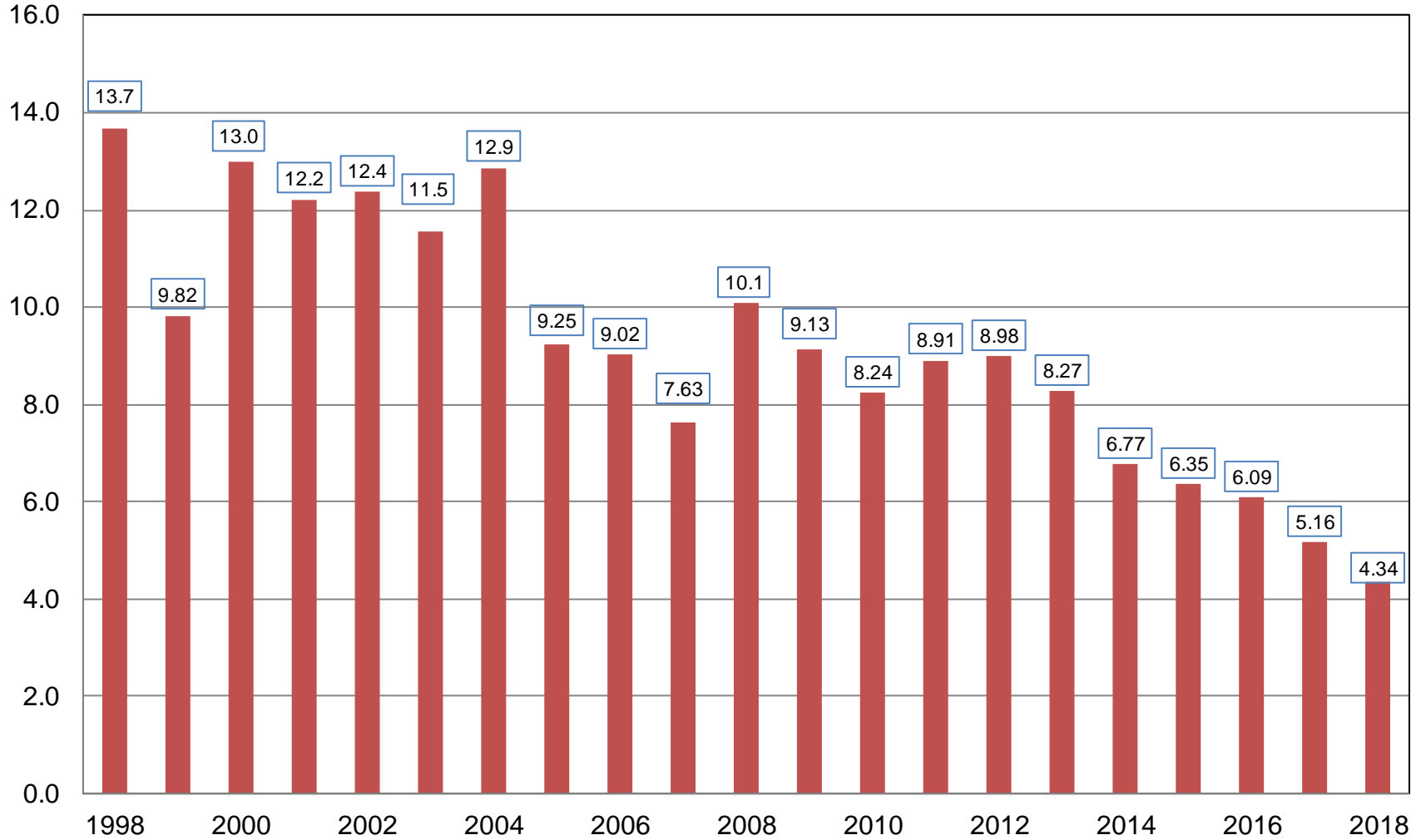
# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Production				
Oranges	Mil Tons	4.34	NA	-16.0
Grapefruit	Thou Tons	588	NA	-13.8
Lemons	Thou Tons	904	NA	+2.0
Tangerines & Mandarins	Thou Tons	968	NA	-6.3



# Orange Production United States

Million Tons





# Survey Overview

	<b>Ag Yield</b>	<b>Objective Yield</b>
Survey Type	Farmer Reported	Field Measurement
Crops Included	Field Crops	Corn, Cotton, Soybeans
Sample Size	11,286	4,952
Collection Period	Sept 29 – Oct 5	Sept 23 – Oct 1



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Estimate	% Change From Previous Season
Planted Area				
Corn	Mil Ac	90.4	-0.5	-3.8
Soybeans	Mil Ac	90.2	+0.8	+8.1
Sorghum	Mil Ac	5.71	-4.6	-14.7
Sunflowers	Mil Ac	1.40	+11.0	-12.0
Canola	Mil Ac	2.08	-3.9	+21.1
Dry Edible Beans	Mil Ac	2.11	+1.1	+27.0
Sugarbeets	Mil Ac	1.14	+0.6	-2.2



# October 2017 Crop Production

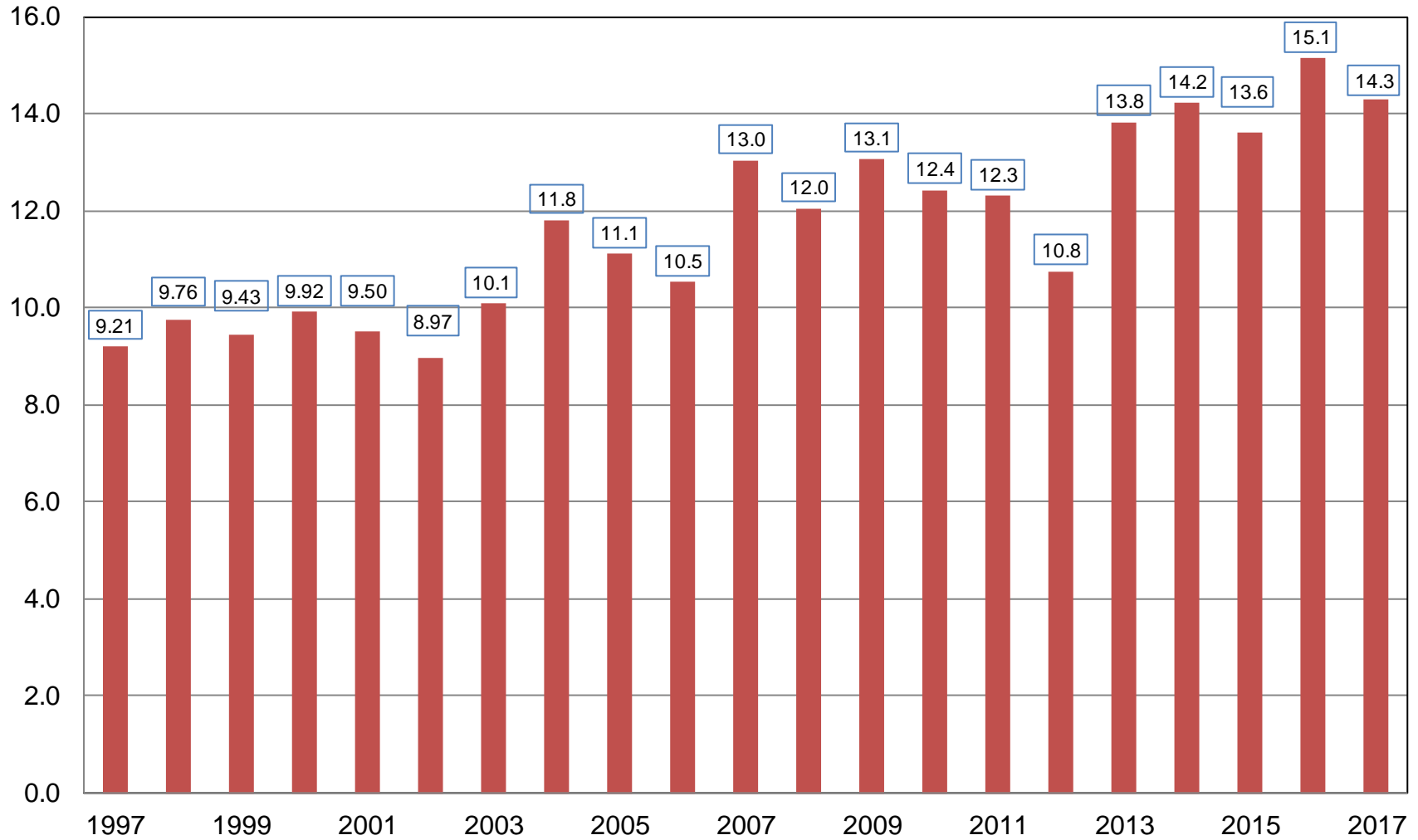
Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Corn				
Harvested	Mil Ac	83.1	-0.5	-4.2
Yield	Bu/Ac	171.8	+1.1	-1.6
Production	Bil Bu	14.3	+0.7	-5.7





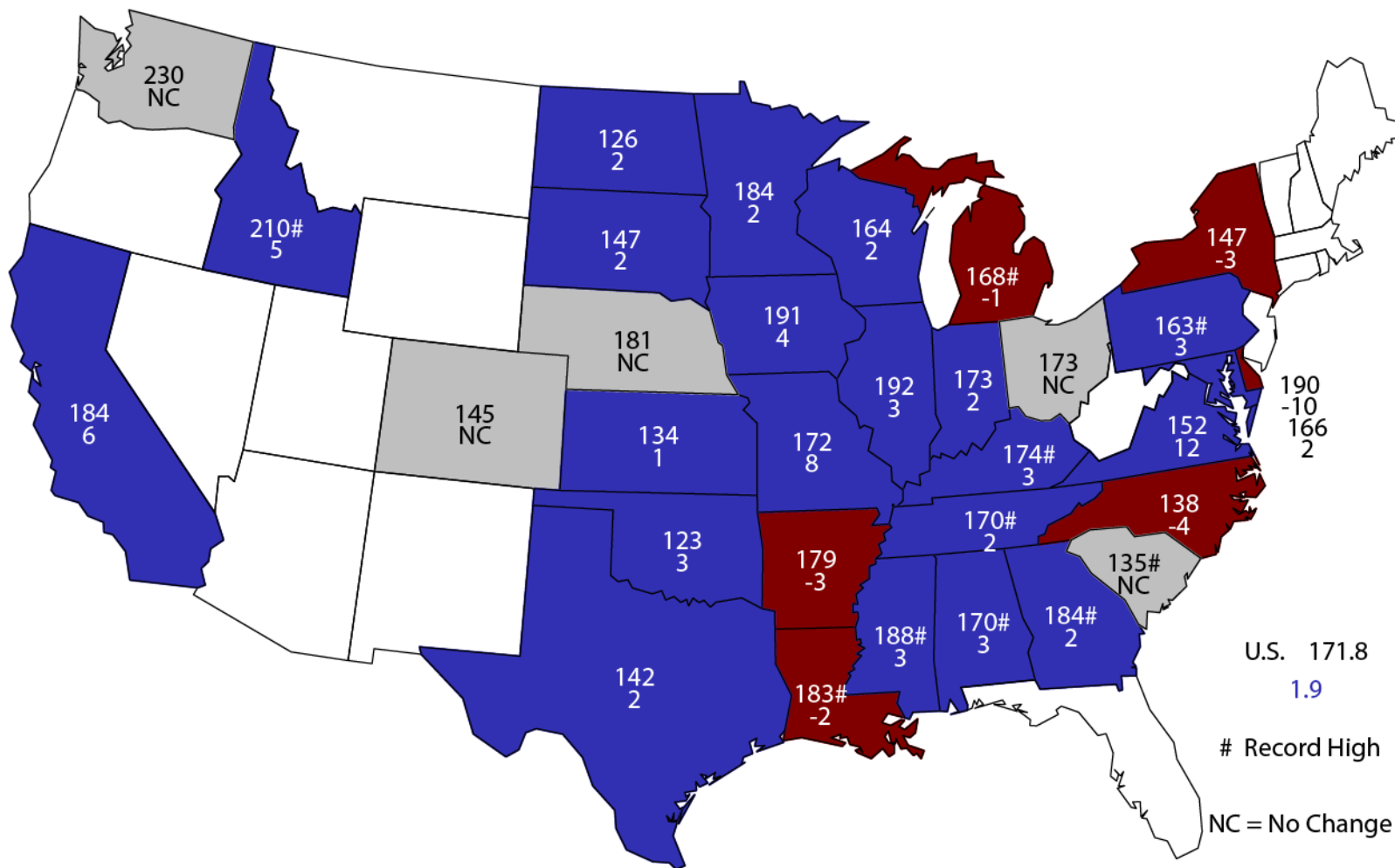
# Corn for Grain Production United States

Billion Bushels



# October 1, 2017 Corn Yield

## Bushels and Change From Previous Forecast

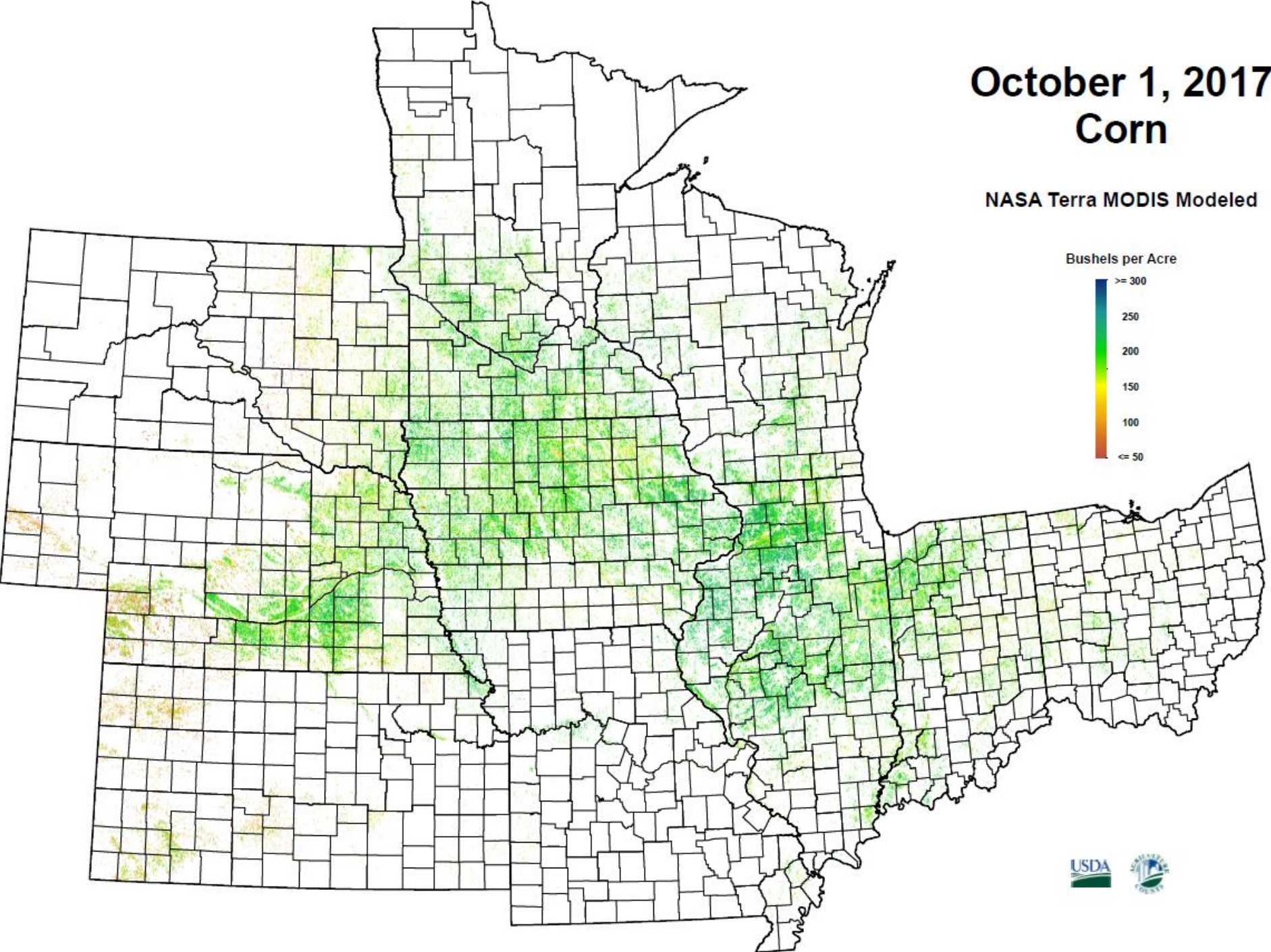
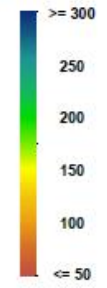


U.S. 171.8  
 1.9  
 # Record High  
 NC = No Change

# October 1, 2017 Corn

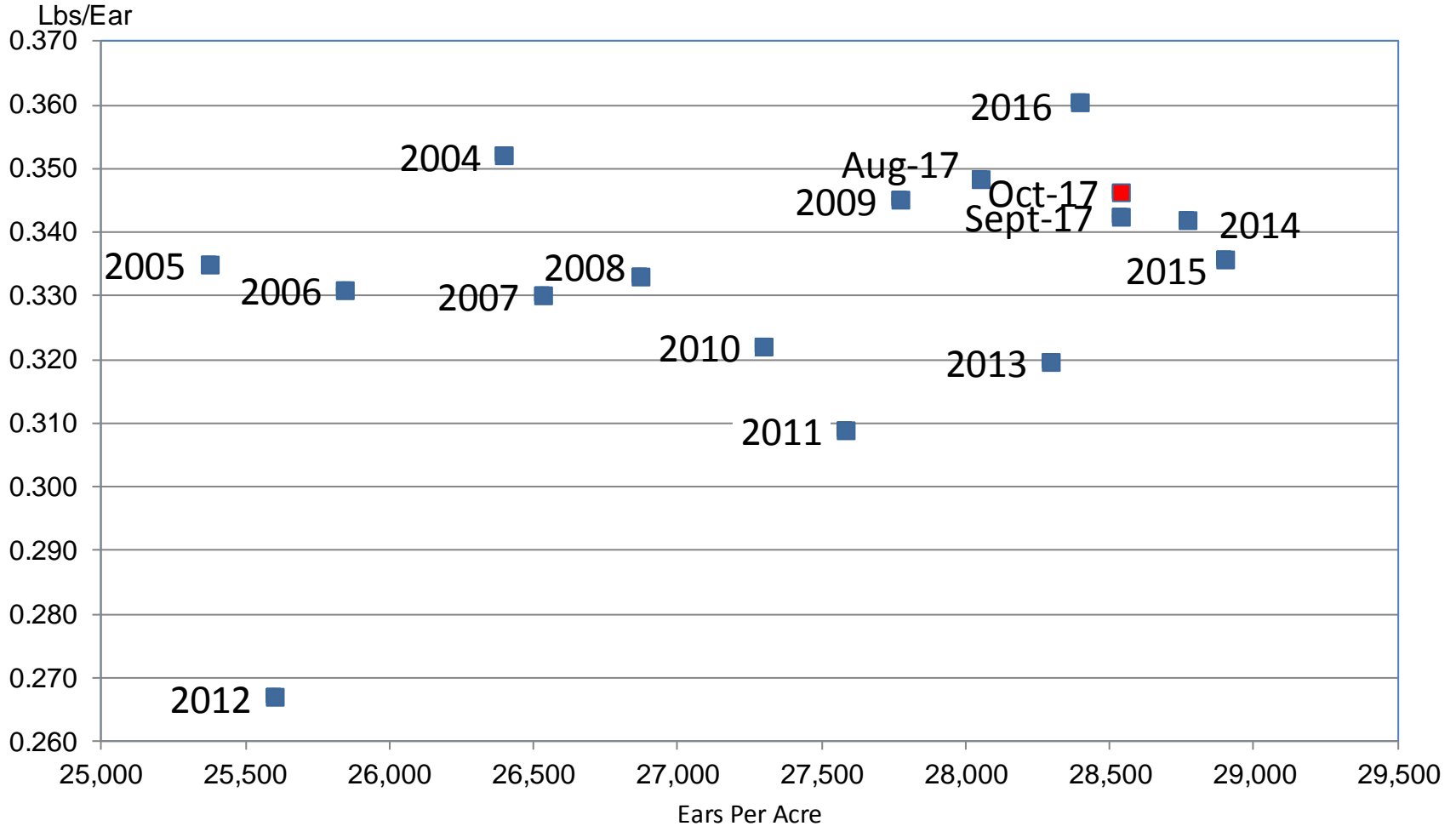
NASA Terra MODIS Modeled

Bushels per Acre



# Corn Objective Yield Region

## Ears Per Acre vs. Implied Ear Weight



Implied Ear Weight = (Published Yield \* 56) / Ears



# Corn Objective Yield - October

## Percent of Samples Processed in the Lab

Year	Dent Stage	Mature
	<i>Percent</i>	
2013	NA	NA
2014	39	53
2015	16	70
2016	17	73
2017	41	51



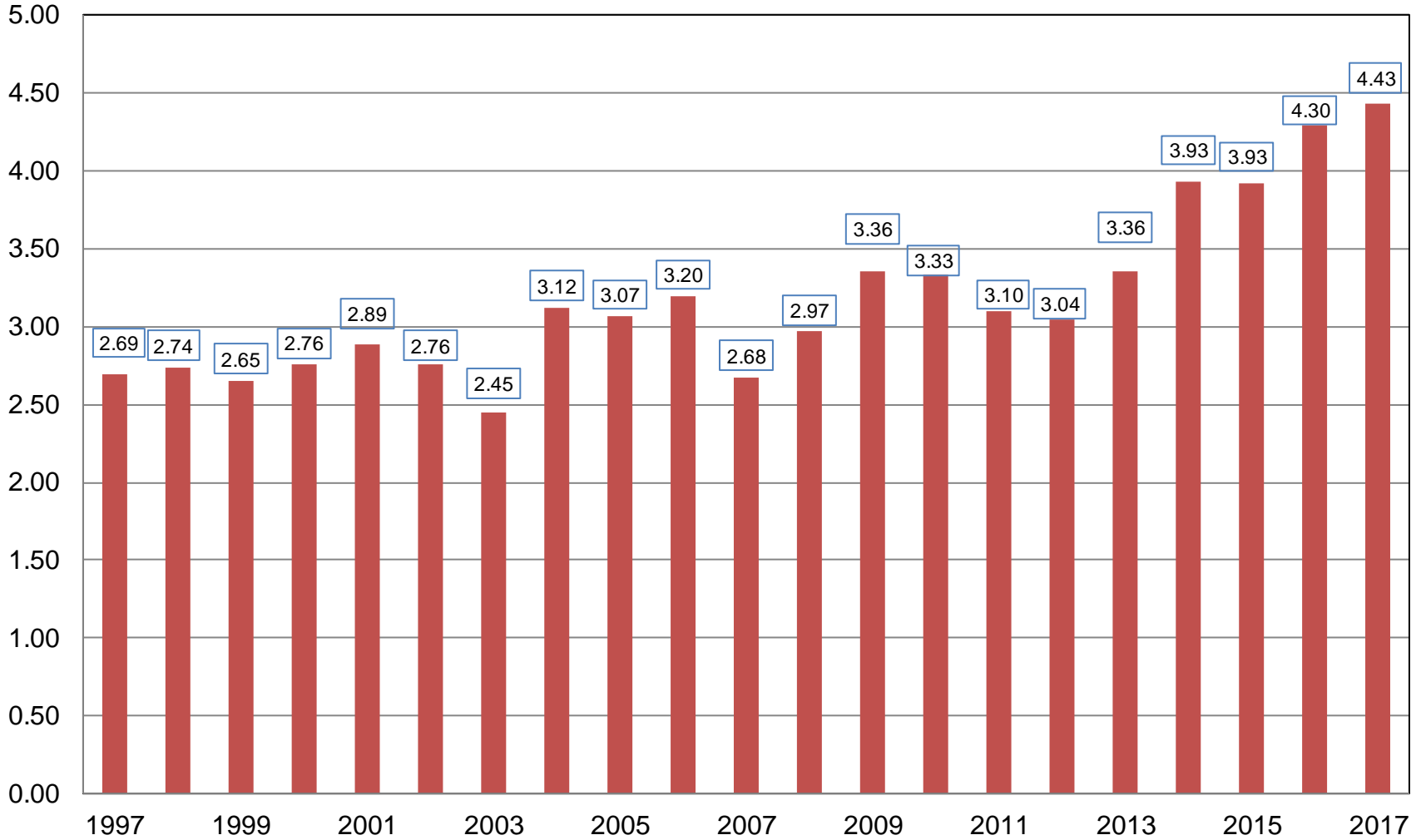
# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Soybeans				
Harvested	Mil Ac	89.5	+0.8	+8.2
Yield	Bu/Ac	49.5	-0.8	-4.8
Production	Bil Bu	4.43	-<0.1	+3.1



# Soybean Production United States

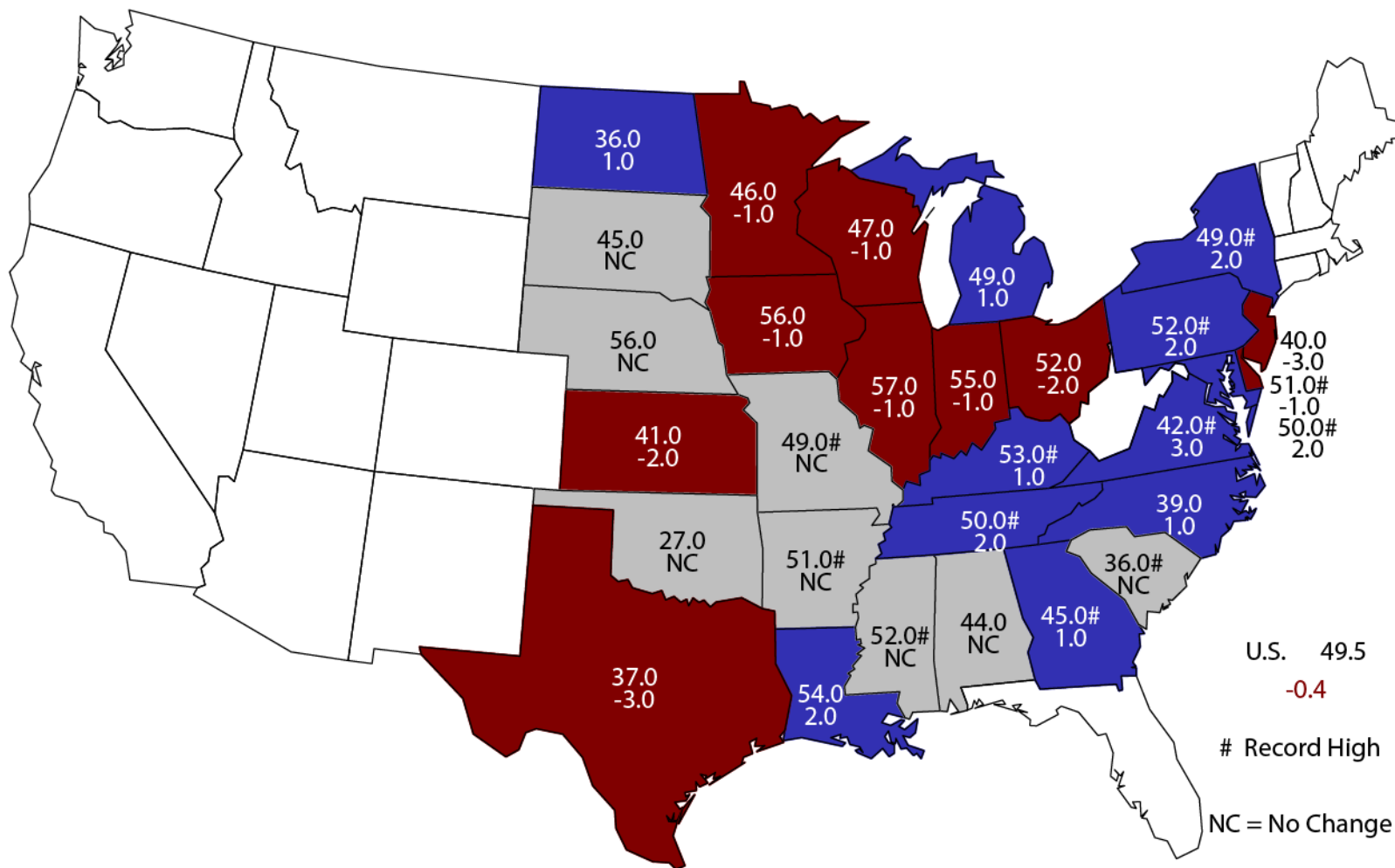
Billion Bushels





# October 1, 2017 Soybean Yield

## Bushels and Change From Previous Month

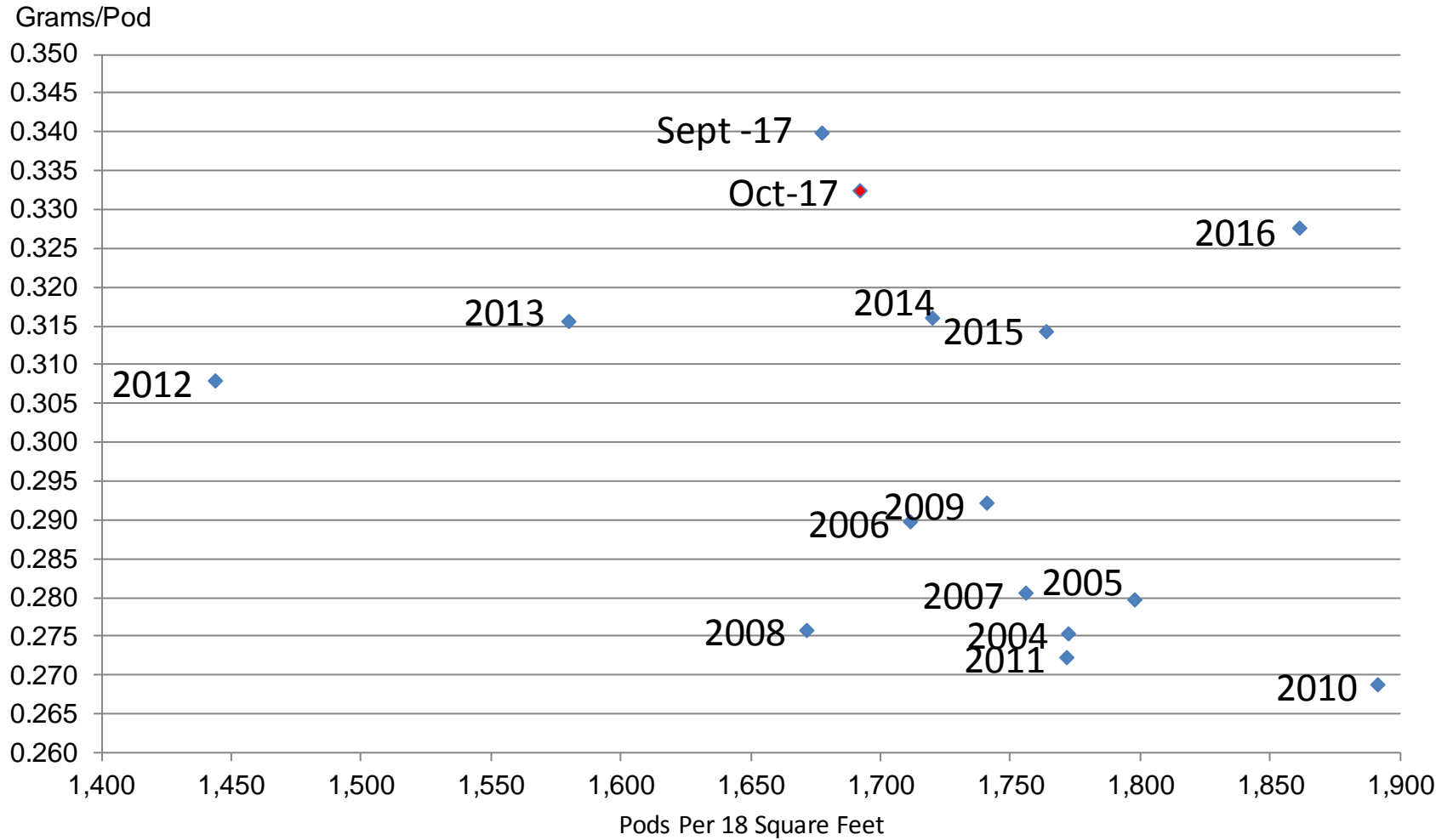


# Record High  
 NC = No Change



# Soybean Objective Yield Region

## Pods Per 18 Square Feet vs. Implied Pod Weight



Implied Pod Weight = (Published Yield / Pods) / 0.0889



# Soybean Objective Yield - October

## Percent of Samples Processed in the Lab

Year	Mature
	<i>Percent</i>
2013	NA
2014	35
2015	54
2016	53
2017	49



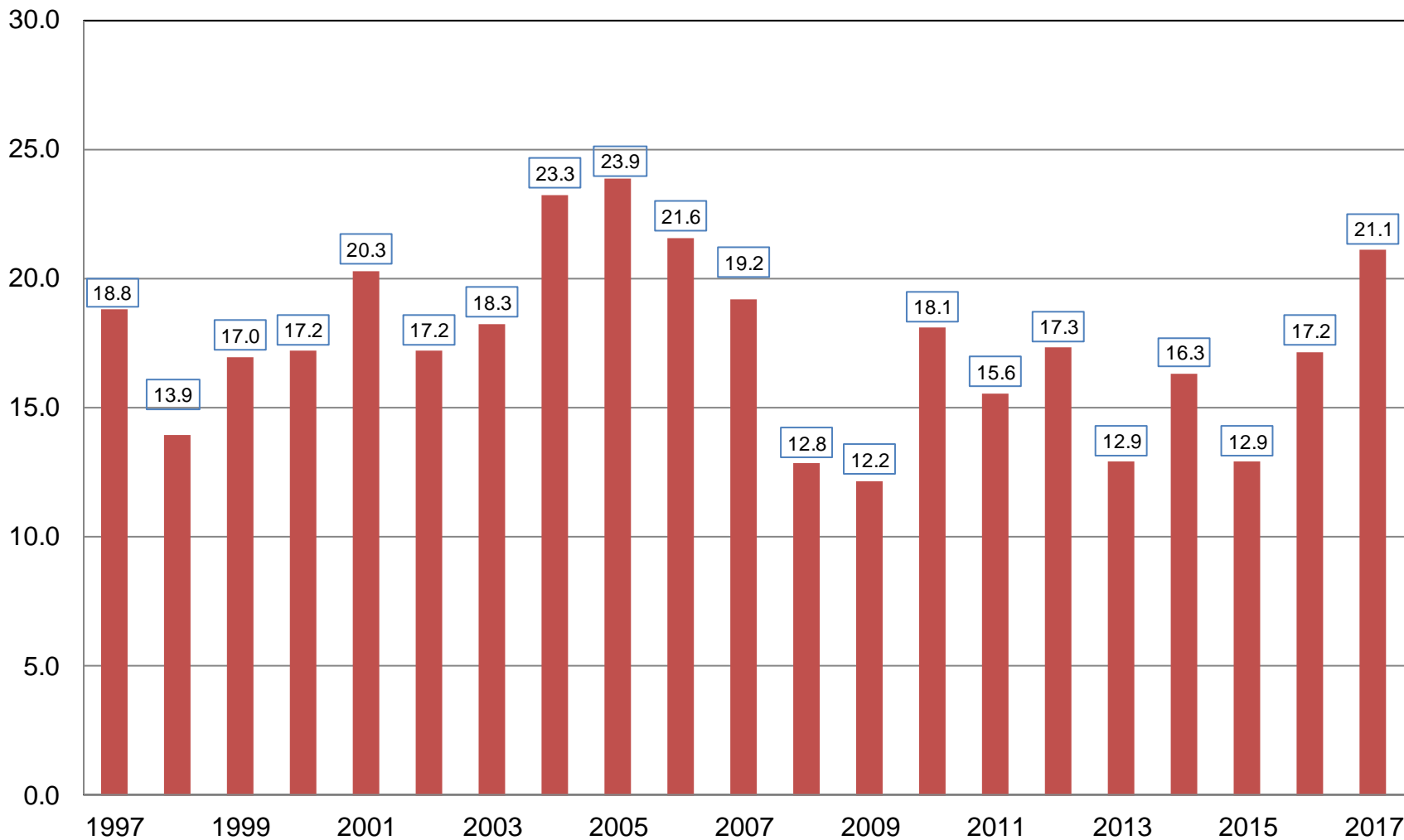
# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
All Cotton				
Harvested	Mil Ac	11.4	-0.9	+20.0
Yield	Lb/Ac	889	-2.1	+2.5
Production	Mil Bls	21.1	-3.0	+23.0



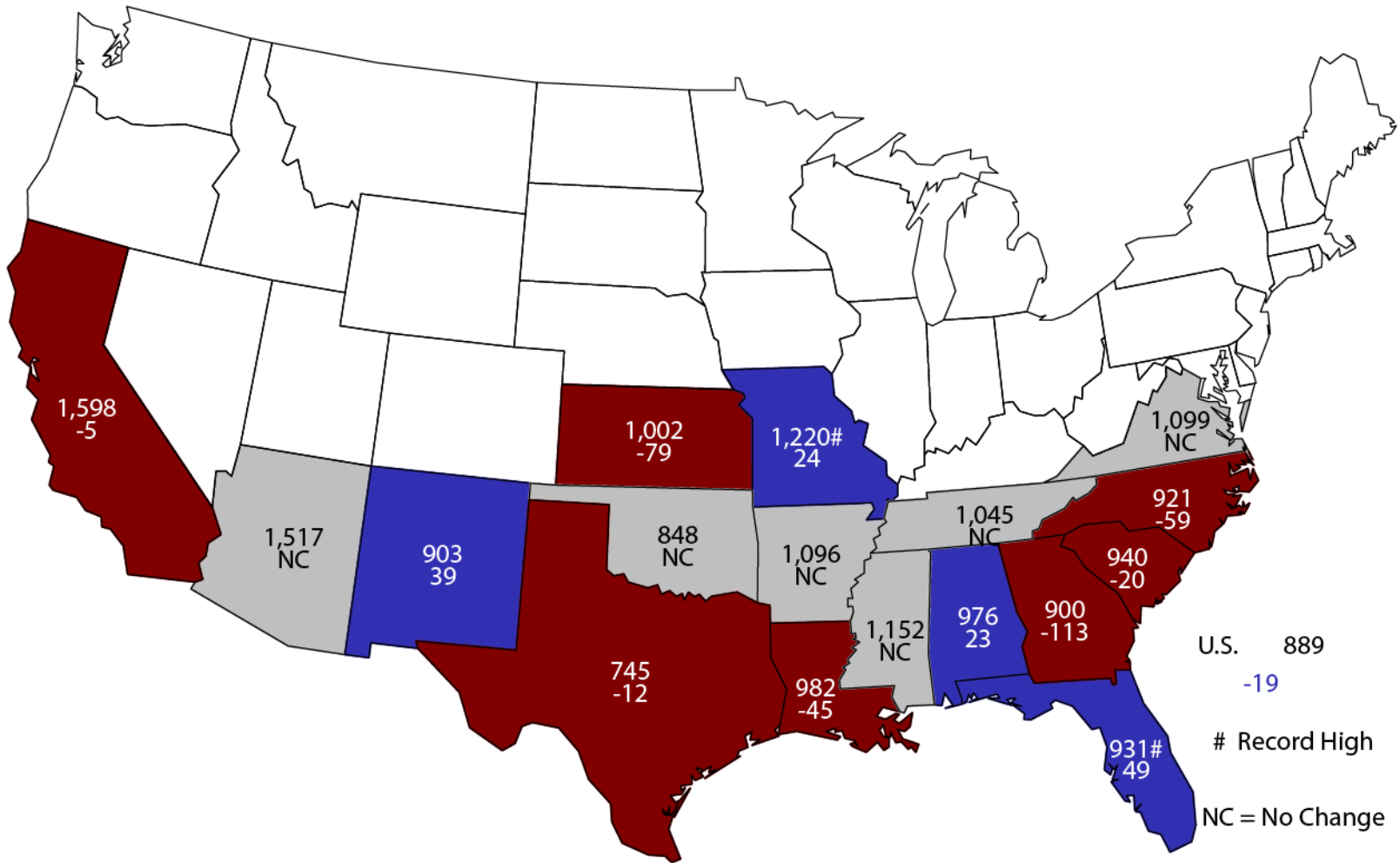
# All Cotton Production United States

Million Bales



# October 1, 2017 All Cotton Yield

## Pounds and Change From Previous Forecast



U.S. 889  
-19

# Record High

NC = No Change



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Rice				
Harvested	Mil Ac	2.39	-0.2	-22.8
Yield	Lbs/Ac	7,469	-0.5	+3.2
Production	Mil Cwt	179	-0.6	-20.3



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Peanuts				
Harvested	Mil Ac	1.83	NC	+19.1
Yield	Lbs/Ac	4,257	+0.1	+17.1
Production	Bil Lbs	7.79	+0.1	+39.5



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Sorghum				
Harvested	Mil Ac	5.05	-4.9	-18.1
Yield	Bu/Ac	72.2	+3.4	-7.3
Production	Mil Bu	364	-1.7	-24.1





# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Alfalfa Hay				
Harvested	Mil Ac	17.1	NC	+1.3
Yield	Tons/Ac	3.27	-0.3	-5.2
Production	Mil Tons	56.0	-0.3	-3.8



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
All Other Hay				
Harvested	Mil Ac	36.4	NC	-0.5
Yield	Tons/Ac	2.08	-1.0	-0.5
Production	Mil Tons	75.9	-0.7	-0.8



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Production				
Sugarcane	Mil Tons	32.5	+2.2	+1.3
Sugarbeets	Mil Tons	35.7	-1.3	-3.2
All Tobacco	Mil Lbs	724	+0.2	+15.1



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Production				
Canola	Bil Lbs	2.81	NA	-9.1
Sunflowers	Bil Lbs	1.81	NA	-31.7



# October 2017 Crop Production

Crop	Unit	October 2017	% Change From Previous Forecast	% Change From Previous Season
Production				
Dry Edible Beans	Mil Cwt	35.3	+3.1	+23.0
Pecans	Mil Lbs	277	NA	+3.2
Spring Potatoes	Mil Cwt	19.8	+11.6	+30.4



# Upcoming Events

Release Date	Title
October 20	Cattle on Feed
October 24	Cotton Ginnings
October 27	Rice Stocks
October 30	Agricultural Prices
November 1	CAIR: Cotton CAIR: Fats & Oils CAIR: Flour Milling CAIR: Grain Crushings
November 9	Crop Production



# USDA NASS Data Users' Meeting

**Tuesday, October 24, 2017  
Kansas City, Missouri**

LEARN MORE and REGISTER HERE

[https://www.nass.usda.gov/go/Data\\_Users/](https://www.nass.usda.gov/go/Data_Users/)

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