

# Maryland Crop Conditions

2016 Crop Insurance Workshop

9/13/2016



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# Overview

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- ◆ Agency Overview
- ◆ Crop Progress and Condition
- ◆ Monthly Crop Production
- ◆ Outlook Sources
- ◆ Q&A



# Agency Overview

- ◆ The USDA's National Agricultural Statistics Service (NASS) conducts hundreds of surveys every year and prepares reports covering virtually every aspect of U.S. agriculture. Production and supplies of food and fiber, prices paid and received by farmers, farm labor and wages, farm finances, chemical use, and changes in the demographics of U.S. producers are only a few examples.

# Agency Overview

- ◆ NASS is committed to providing timely, accurate, and useful statistics in service to U.S. agriculture.
  - Report the facts on American agriculture, facts needed by people working in and depending upon U.S. agriculture.
  - Provide objective and unbiased statistics on a preannounced schedule that is fair and impartial to all market participants.



# Agency Overview



- ◆ Conduct the Census of Agriculture every five years, providing the only source of consistent, comparable, and detailed agricultural data for every county in America.
- ◆ Serve the needs of our data users and customers at a local level through our network of State field offices and our cooperative relationship with universities and State Departments of Agriculture.



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# Agency Overview

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- ◆ Safeguard the privacy of farmers, ranchers, and other data providers, with a guarantee that confidentiality and data security continue to be our top priorities.



# Agency Overview

- ◆ Since the fall of 2013, NASS now operates under 12 regional office structure, whereas Maryland is in the Northeastern Region with ten other states. The Northeastern region office is located in Harrisburg, PA.

# Crop Progress and Condition

- ◆ Crop Progress and condition estimates are based on survey data collected each week from early April through the end of November.
  - The non-probability survey includes input from approximately 4,000 respondents whose occupations provide them opportunities to make visual observations and frequently bring them in contact with farmers in their counties.





# Crop Progress and Condition

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## September 5, 2016 Maryland and Delaware Weekly Weather Summary

		Last Week Weather Summary						Accumulation Since April 1, 2016					
		Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
State	Station	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Maryland	Baltimore_Washi	93	61	76	+5	0.09	2	19.89	+1.44	64	3227	+359	4752
	Beltsville_HYD	91	61	75	+3	0.38	2	19.87	+0.06	77	2948	+28	4439
	Brighton_Dam	89	59	74	+4	0.28	1	24.42	+4.01	51	2945	+233	4446
	Cumberland	94	50	73	+4	0.63	1	18.32	+0.68	67	3005	+331	4499
	Emmitsburg	92	58	74	+4	0.12	2	19.28	-1.20	57	2784	+77	4268
	Frostburg	89	52	69	+5	0.71	1	18.86	-1.95	72	2253	+416	3675
	Hagerstown_AP	94	60	76	+6	0.23	1	14.35	-3.91	61	3230	+523	4744
	Mechanicsville	86	60	72	-1	0.54	2	22.53	+1.56	64	2883	-76	4391
	Millers_4NE	89	57	72	+3	2.53	1	24.28	+5.08	70	2804	+232	4296
	Ocean_City_AP	84	63	75	+2	2.12	4	25.76	+4.97	65	2982	-69	4487
	Oxon_Hill	92	64	76	+5	0.03	1	17.98	-2.43	62	3261	+332	4786
	Patuxent_River	89	66	77	+3	0.10	3	14.24	-5.26	57	3367	+223	4903
	Reisterstown	87	59	72	+2	0.43	2	19.09	-0.22	62	2777	-45	4250
	Salisbury_AP	90	61	75	+3	1.18	4	27.33	+6.39	74	3178	+203	4697
	Savage_River_Da	89	51	70	+5	0.45	2	15.85	-3.46	52	2377	+379	3821
	Sharpsburg_5S	90	53	72	+4	0.22	2	21.94	+2.97	58	2767	+262	4249
	Sines_Deep_Cree	86	52	67	+4	0.57	2	25.39	+2.00	86	2136	+271	3556
Stevensville	90	66	76	+5	0.64	2	26.06	+6.14	62	3292	+308	4805	
Upper_Marlboro	91	62	75	+5	0.38	2	19.63	-0.33	70	3139	+324	4654	
Washington_DC_A	94	67	79	+5	0.03	2	17.10	-0.22	61	3654	+367	5198	
Delaware	Dover_AFB	89	62	75	+3	0.33	2	25.02	+3.93	64	3206	+131	4726
	Georgetown_AP	90	63	75	+4	0.48	3	21.81	+1.41	65	3201	+424	4717
	Wilmington_DE	94	61	76	+5	0.29	2	20.91	+1.47	55	3159	+316	4681

Summary based on NWS data. DFN = Departure From Normal.  
 Precipitation (rain or melted snow/ice) in inches.  
 Air Temperatures in Degrees Fahrenheit.  
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# Monthly Crop Production

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- ◆ The farm operator survey was conducted primarily by telephone with some use of mail, internet, and personal interviews.
- ◆ Approximately 200 producers in Maryland were interviewed during the survey period and asked questions about probable yield.

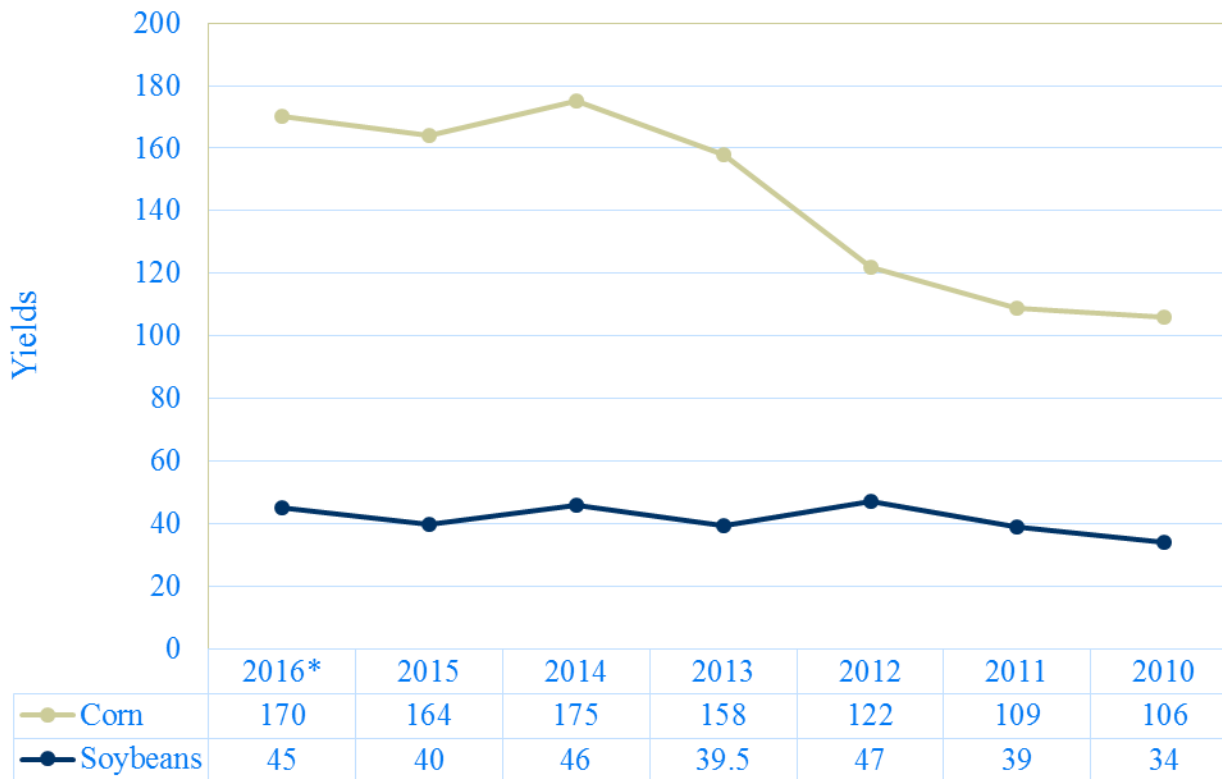
# Monthly Crop Production

## Monthly Crop Production Yield Forecast vs. Final Yield

Year	August		September		October		November		Final Yield	
	Corn	Soys	Corn	Soys	Corn	Soys	Corn	Soys	Corn	Soys
2016	170	45	170	45						
2015	165	46	172	46	181	44	178	44	164	40
2014	158	44	166	44	170	46	170	44	175	46
2013	155	45	155	43	-	-	158	40	158	39.5
2012	110	37	115	42	115	42	115	45	122	47
2011	104	30	104	35	105	39	105	39	109	39
2010	100	30	100	34	95	33	100	33	106	34

# Corn and Soybean Yields

Final Yields



# Outlook Sources

- ◆ USDA – Economic Research Service
- ◆ <http://www.ers.usda.gov/topics/farm-economy/commodity-outlook.aspx>

The screenshot shows the USDA Economic Research Service website. The header includes the USDA logo and navigation links like 'About ERS', 'Careers', 'FAQs', and 'Contact Us'. A search bar is present. Below the header is a navigation menu with 'Topics', 'Data', 'Publications', 'Newsroom', and 'Calendar'. A breadcrumb trail reads 'You are here: Home / Topics / Farm Economy / Commodity Outlook'. On the right, there are social media icons and a 'Stay Connected' button. The main content area features a large image of a farm with a winding river. Below the image is an 'Overview' section with social sharing buttons for Twitter, Google+, Facebook, Email, and Print. The text in the overview states: 'ERS, working closely with the World Agricultural Outlook Board, the Foreign Agricultural Service, and other USDA agencies, conducts market analysis and provides short- and long-term projections of U.S. and world agricultural production, consumption, and trade. The market and outlook...'. To the right of the overview is a 'Related Data' section with links to 'Commodity Costs and Returns' and 'Milk Cost of Production Estimates'. On the left side of the page, there is a sidebar with a 'Commodity Outlook' heading and a list of links: 'Overview', 'ERS Outlook Reports and Data', 'ERS Special Outlook Reports', 'USDA Outlook Process', 'Other USDA Outlook Reports', and 'Email Notification'.






**USDA** United States Department of Agriculture  
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## Commodity Outlook

**Overview**

ERS Outlook Reports and Data






ERS Special Outlook Reports

USDA Outlook Process

Other USDA Outlook Reports

Email Notification

**Overview**

 Tweet  Share  Recommend  

ERS, working closely with the World Agricultural Outlook Board, the Foreign Agricultural Service, and other USDA agencies, conducts market analysis and provides short- and long-term projections of U.S. and world agricultural production, consumption, and trade. The market and outlook...

**Related Data**

- ▶ Commodity Costs and Returns
- ▶ Milk Cost of Production Estimates



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# Outlook Sources

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- ◆ USDA – Economic Research Service
  - <http://www.ers.usda.gov/publications/fds-feed-outlook/fds-15h.aspx>


# Source for data

USDA – NASS  
<http://quickstats/>

 United States Department of Agriculture  
National Agricultural Statistics Service

## Quick Stats

Navigation History:

Select Commodity (one or more) 

Keyword Search

**Program:**

CENSUS  
SURVEY

**Sector:**


ANIMALS & PRODUCTS  
CROPS  
DEMOGRAPHICS  
ECONOMICS  
ENVIRONMENTAL

**Group:**

ANIMAL TOTALS  
AQUACULTURE  
CROP TOTALS  
DAIRY  
ENERGY  
EXPENSES  
FARMS & LAND & ASSETS  
FIELD CROPS  
FRUIT & TREE NUTS


**Commodity:**

AG LAND  
AG SERVICES  
AG SERVICES & RENT  
ALCOHOL COPRODUCTS  
ALMONDS  
ALPACAS  
AMARANTH  
ANIMAL SECTOR  
ANIMAL TOTALS

Select Location (one or more) 

**Geographic Level:**

AGRICULTURAL DISTRICT  
COUNTY  
INTERNATIONAL  
NATIONAL  
REGION : MULTI-STATE  
REGION : SUB-STATE  
STATE  
WATERSHED  
ZIP CODE

Select Time (one or more) 

Clear

Get Data



