



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
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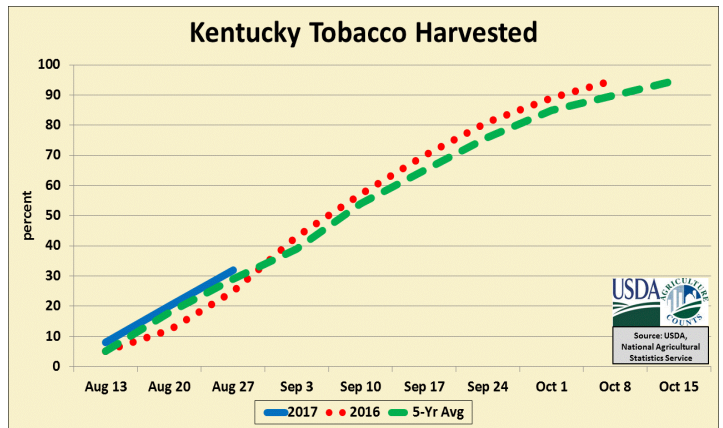
Issue: 26-17

**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.52 inches, 0.28 inches below normal. Temperatures averaged 72 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 6 percent very short, 31 percent short, 62 percent adequate and 1 percent surplus. **Subsoil moisture** was rated 6 percent very short, 26 percent short, 67 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

Primary activities this week included topping and cutting tobacco, and harvesting hay. Producers cut silage, and the harvest of corn for grain started in a few areas. Western and central portions of the state continued to experience dry conditions, with some improvements reported in eastern counties this past week from scattered storms.

**SOIL MOISTURE for week ending 08/27/17**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	6	31	62	1
Subsoil	6	26	67	1



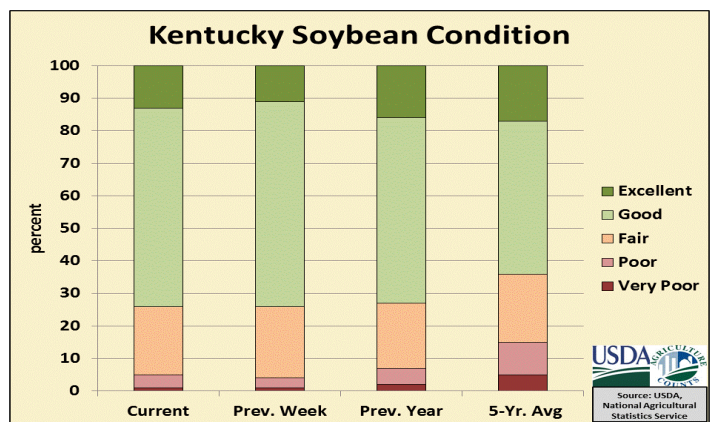
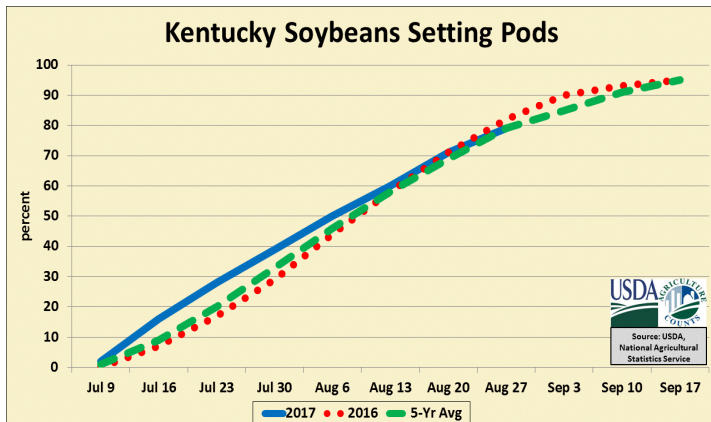
**CROP PROGRESS for week ending 08/27/17**

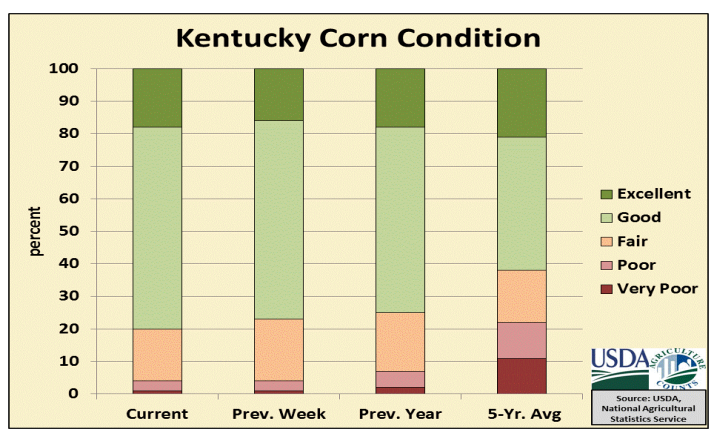
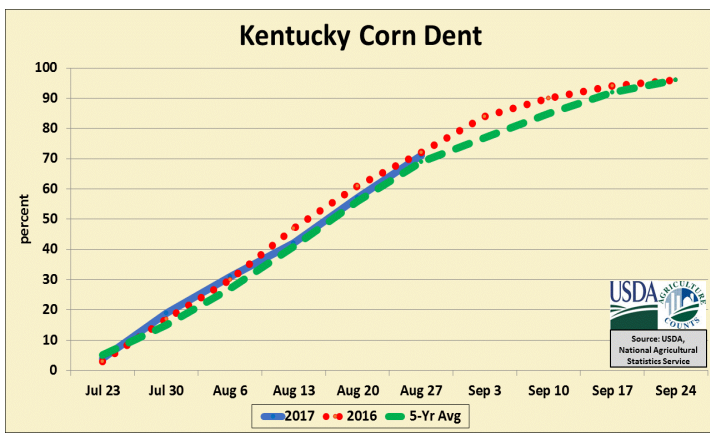
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	93	88	94	95
Corn Dough	86	76	87	84
Corn Dent	71	57	72	69
Corn Mature	39	23	31	32
Corn Harvested	4	-	2	6
Soybeans Blooming	90	84	94	93
Soybeans Setting Pods	79	71	82	79
Soybeans Coloring	17	10	15	-
Soybeans Dropping Leaves	3	-	2	4
Tobacco Blooming	92	86	92	93
Tobacco Topped	80	70	79	77
Tobacco Cut	32	20	25	29

- Represents not available.

**CROP CONDITIONS for week ending 08/27/17**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	16	62	18
Hay	1	5	22	61	11
Pasture	2	6	25	60	7
Soybeans	1	4	21	61	13
Tobacco Set	5	7	23	56	9





**Kentucky Climate Summary  
For the Period August 21, 2017 to August 27, 2017**

Below Normal Temperatures and Rainfall:

The much-anticipated solar eclipse came and went on a hot and humid Monday. Highs peaked in the low 90s after taking a dip of more than 5 degrees in some areas of Western Kentucky during totality. The heat did not last long as a strong cold front swung through the area on Tuesday. This boundary sparked a line of storms, some strong to severe, with damaging winds as the main threat. Overall, this was the only rainfall event for the week, but with a moist air mass in place, the state still averaged a half inch. Some areas received much more than others. A more fall-like air mass then moved into the area for the remainder of the period. High temperatures peaked in the upper 70s to middle 80s with lows dropping into the 50s, which is more typical of mid to late September. Some of the typical cooler spots even dipped into the 40s. This continued the trend of a cooler August as temperatures have averaged below normal three of the past four weeks in Kentucky.

Temperatures for the period averaged 72 degrees across the state which was 3 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 85 in the West to 82 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 62 degrees in the West to 60 degrees in the East. Departure from normal low temperatures ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. The extreme high temperature for the period was 94 degrees at MADISONVILLE 4S and the extreme low was 49 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.52 inches statewide which was 0.28 inches below normal and 65% of normal. Precipitation totals by climate division, West 0.38 inches, Central 0.32 inches, Bluegrass 0.71 inches and East 0.66 inches, which was 0.34, 0.49, 0.09 and 0.2 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 1.75 inches at VANCEBURG 6W.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/27/17 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	0.08	18.74	2.02	-1.69	-1.56	90	51	72	-1	150	3,017	139
Berea	1.30	25.23	7.20	4.31	3.58	90	49	69	-3	133	2,802	-135
Bowling Green	0.04	24.69	3.37	3.46	0.16	92	55	75	2	172	3,389	400
Bristol	0.00	15.18	4.33	-2.64	1.43	90	57	73	1	162	2,942	205
Buckhorn Lake	0.84	26.43	6.03	6.40	2.69	87	52	70	-2	140	2,850	241
Cape Girardeau	0.00	24.07	2.88	4.40	-0.27	92	52	76	1	178	3,298	178
Campbellsville	0.79	22.83	2.82	-0.61	-1.33	92	53	70	-3	142	2,913	1
Covington	0.68	24.28	1.85	5.25	-1.20	90	57	72	0	154	2,845	152
Cumberland Gap	0.86	25.40	5.29	3.21	1.35	89	53	71	-1	148	2,928	212
Dix Dam	1.46	19.62	3.99	-1.37	0.43	91	52	71	-1	146	2,942	72
Evansville	0.09	25.66	2.23	6.65	-0.61	93	56	75	0	176	3,288	317
Glasgow	0.07	22.40	3.73	-0.63	0.05	93	56	72	-1	158	3,120	222
Grayson	1.24	27.60	4.51	7.74	1.09	91	50	69	-3	135	2,696	128
Hardinsburg	0.17	20.24	1.88	-0.79	-1.57	92	55	73	0	161	3,064	65
Henderson	0.47	16.56	3.98	-2.89	1.09	92	54	72	-3	152	3,196	171
Huntington	0.31	22.35	3.54	2.43	-0.05	92	54	73	1	160	2,946	191
Jackson	0.27	25.62	3.48	4.48	-0.18	88	56	72	0	151	3,002	393
Lexington	1.07	22.73	4.20	2.30	0.62	90	53	72	0	150	3,071	281
London	0.97	30.17	6.24	10.73	3.20	89	55	72	0	151	2,979	226
Louisville	0.38	19.18	3.92	-0.72	0.69	93	59	75	2	176	3,506	534
Mayfield	1.28	23.69	4.56	2.43	1.08	89	57	73	-2	164	3,204	178
Nashville	0.76	11.79	3.54	-8.01	0.40	95	59	76	3	180	3,434	246
Nolin Lake	0.02	22.00	1.71	-0.25	-1.72	94	56	74	1	170	3,456	696
Paducah	0.45	23.30	1.35	2.20	-1.69	94	54	75	0	172	3,440	358
Princeton	0.07	17.58	1.25	-3.81	-2.38	92	55	73	-2	163	3,187	112
Quicksand	0.93	27.66	5.52	6.52	1.86	89	53	71	-1	146	2,907	298
Somerset	0.36	26.67	5.03	4.71	1.46	90	53	71	-1	146	2,850	64
Spindletop	1.07	28.21	4.13	7.78	0.55	93	54	72	0	156	3,040	250
Williamstown	0.13	27.11	3.14	7.00	-0.25	90	53	71	-1	144	2,748	20

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.