



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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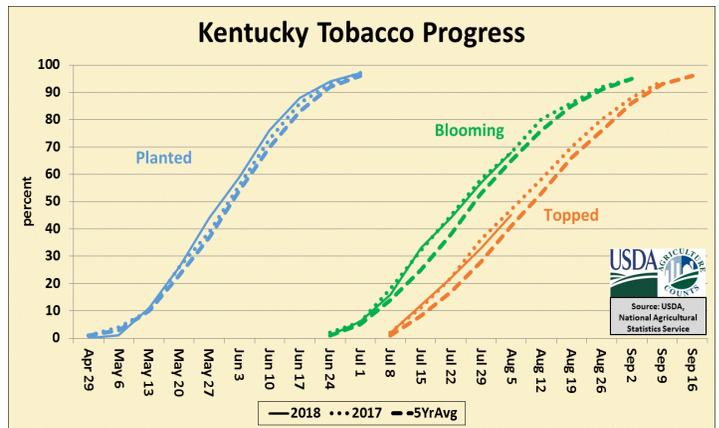
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**Agricultural News:** Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.21 inches, 0.24 inches above normal. Temperatures averaged 76 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 6 percent very short, 34 percent short, 55 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 5 percent very short, 32 percent short, 59 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included scouting crops for disease, topping tobacco, and harvesting hay. Conditions were mixed across the state, with western counties remaining mostly dry and scattered precipitation falling in mainly central and eastern counties. Limited rainfall had some tobacco farmers in the west irrigating their crops, while excessive rainfall in the east had some tobacco crops turning yellow. Continued rainfall increased forage growth as well as weed pressures in the eastern portion of the state.

**SOIL MOISTURE for week ending 08/05/18**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	6	34	55	5
Subsoil	5	32	59	4



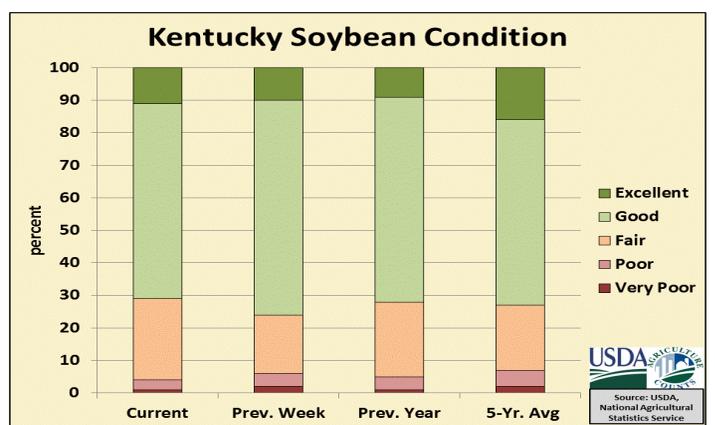
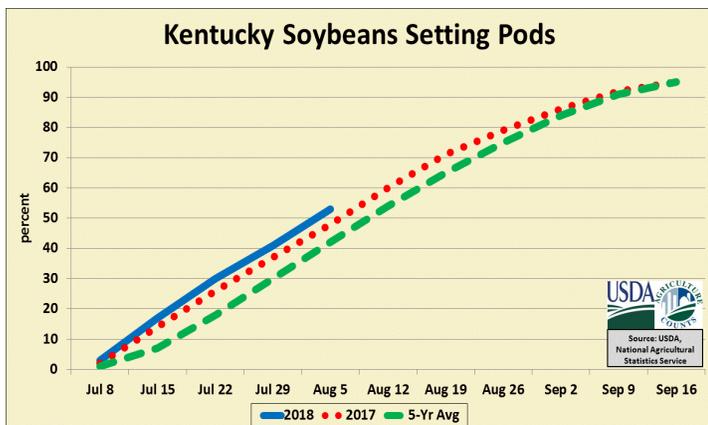
**CROP PROGRESS for week ending 08/05/18**

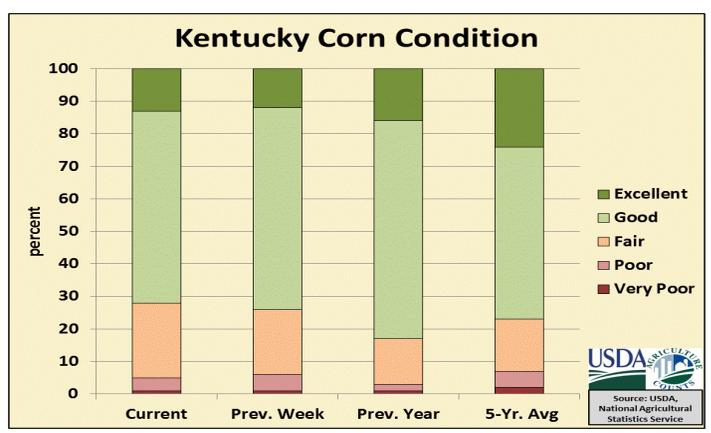
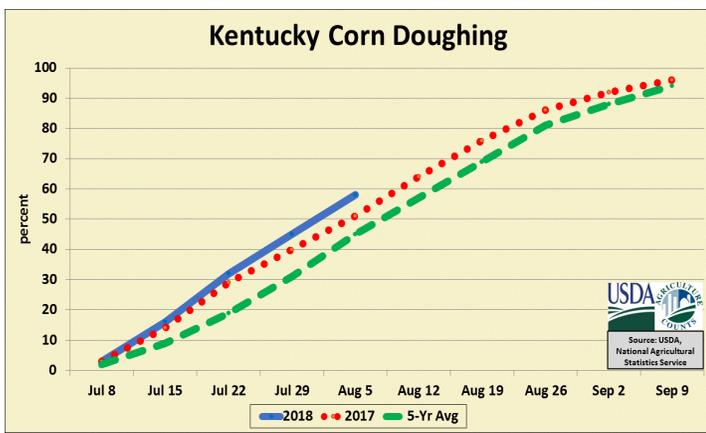
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	94	91	93	91
Corn Milked	77	67	70	67
Corn Dough	58	45	51	45
Corn Dent	32	16	29	22
Soybeans Blooming	76	64	70	66
Soybeans Setting Pods	53	41	48	42
Soybeans Coloring	1	-	-	-
Tobacco Blooming	68	57	68	65
Tobacco Topped	45	33	47	41

- Shown when data not available.

**CROP CONDITIONS for week ending 08/05/18**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	23	59	13
Pasture	2	9	26	55	8
Soybeans	1	3	25	60	11
Tobacco Set	2	8	24	57	9





**Kentucky Climate Summary  
For the Period July 30, 2018 to August 5, 2018**

Near Normal Temperatures and Above Normal Rainfall:

An active pattern set up for much of the Bluegrass State over the first half of the week with multiple rounds of rainfall. The Bluegrass area of Northern Kentucky saw the brunt of the rainfall, averaging two inches for the week. While Central and Eastern Kentucky still averaged around an inch, Western Kentucky continued to see lower amounts compared to the rest of Kentucky. This was especially true for the Purchase area, where the US Drought Monitor expanded the area of ‘Abnormally Dry’ conditions a bit farther east and north. Rain showers and cloud cover kept temperature below seasonable norms through the first half of the week, but by the weekend, temperatures were once again back around 90 with summer-like humidity.

Temperatures for the period averaged 76 degrees across the state which was near normal and 2 degrees warmer than the previous period. High temperatures averaged from 86 in the West to 84 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 66 degrees in the East. Departure from normal low temperatures ranged from 1 degree cooler than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at MADISONVILLE 4S and the extreme low was 56 degrees at MAYFIELD 6SW.

Precipitation (liq. equ.) for the period totaled 1.21 inches statewide which was 0.24 inches above normal and 125% of normal. Precipitation totals by climate division, West 0.79 inches, Central 1.07 inches, Bluegrass 2.01 inches and East 0.95 inches, which was -0.14, 0.13, 1.06 and -0.09 inches respectively from normal. By station, precipitation totals ranged from a low of 0.01 inches at BOWLING GREEN APT to a high of 4.02 inches at OWINGSVILLE 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/05/18 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	1.79	19.31	3.72	1.67	-0.62	92	61	75	-1	174	2,522	170
Berea	2.50	26.96	6.99	8.88	3.07	88	62	74	-1	169	2,362	-40
Bowling Green	0.01	13.41	1.92	-5.33	-2.16	94	63	79	3	200	2,916	472
Bristol	1.27	19.20	4.54	3.63	0.82	90	65	75	0	172	2,440	215
Buckhorn Lake	0.97	18.15	3.00	0.71	-1.18	89	63	74	-1	167	2,442	313
Cape Girardeau	0.46	19.63	1.77	2.44	-1.42	92	60	76	-1	182	2,848	285
Campbellsville	0.42	16.39	0.43	-3.81	-4.29	89	64	75	-1	175	2,434	54
Covington	0.81	14.40	3.53	-2.25	-0.16	91	62	76	1	180	2,547	363
Cumberland Gap	0.56	20.88	5.46	1.76	0.85	89	63	74	-1	170	2,450	242
Dix Dam	1.41	22.61	3.86	4.39	-0.45	90	62	75	0	174	2,478	138
Evansville	2.55	22.43	3.24	5.63	-0.26	91	63	76	-1	183	2,752	319
Glasgow	0.71	18.46	3.63	-1.71	-0.96	89	63	76	0	182	2,615	253
Grayson	2.05	28.63	7.93	11.44	3.72	89	63	74	-1	172	2,353	280
Hardinsburg	2.89	19.43	4.07	1.08	-0.08	91	62	75	-1	178	2,652	195
Henderson	0.47	15.43	1.16	-1.77	-2.39	92	60	75	-2	178	2,778	294
Huntington	1.61	17.57	5.08	0.44	0.79	91	65	75	0	178	2,502	260
Jackson	1.52	20.64	4.63	2.34	0.09	90	65	75	0	176	2,560	431
Lexington	1.42	21.48	5.21	3.84	0.87	91	63	76	1	183	2,612	345
London	0.91	24.72	5.95	7.63	1.88	90	63	75	0	174	2,510	265
Louisville	1.95	20.77	5.18	3.38	1.26	93	69	78	2	200	2,948	529
Mayfield	0.02	17.21	1.20	-1.33	-2.75	94	60	77	0	190	2,783	294
Nashville	1.29	12.13	1.29	-5.22	-2.21	92	66	78	2	194	2,872	262
Nolin Lake	0.00	17.42	2.98	-2.16	-1.37	90	61	77	1	188	2,707	455
Paducah	0.68	19.27	1.79	0.54	-1.86	94	60	77	0	191	2,944	416
Princeton	0.29	20.23	2.83	1.68	-1.00	91	60	75	-2	175	2,726	204
Quicksand	0.74	20.38	4.08	2.08	-0.46	90	64	75	0	176	2,454	325
Somerset	1.53	25.25	4.21	6.07	-0.05	89	63	74	-1	170	2,423	145
Spindletop	0.23	26.50	4.13	8.86	-0.21	95	64	78	3	193	2,600	333
Williamstown	2.50	22.75	4.52	5.29	0.56	89	61	74	-1	165	2,357	137

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