



# 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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**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.32 inches, 0.78 inches below normal. Temperatures averaged 70 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 5 percent short, 80 percent adequate and 15 percent surplus. **Subsoil moisture** was rated 1 percent very short, 4 percent short, 82 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible seven.

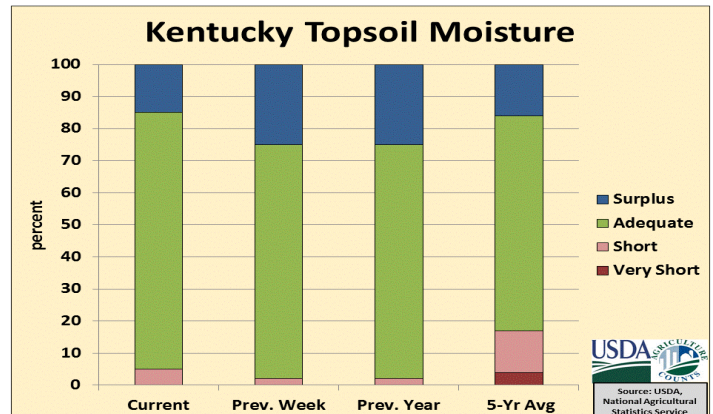
Primary activities this week included planting corn and soybeans, and setting tobacco. Corn planting is nearing completion for the season. Other activities included sidedressing corn with nitrogen and spraying fields. The average height of emerged corn was 16 inches, compared to 9 inches last week.

Weather conditions were favorable this week, providing an opportunity to harvest and bale hay. Some earlier planted soybeans are being replanted in fields that were severely damaged by excessive rainfall and slugs. Producers continue to monitor wheat conditions and test weights in preparation for harvest.

**SOIL MOISTURE for week ending 06/04/17**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	5	80	15
Subsoil	1	4	82	13

- Represents zero.



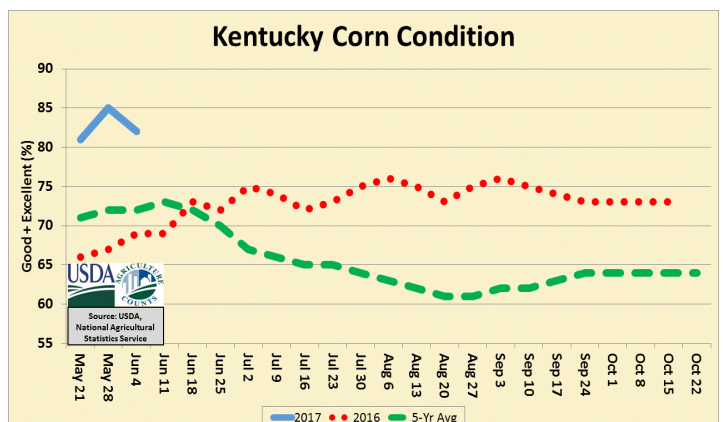
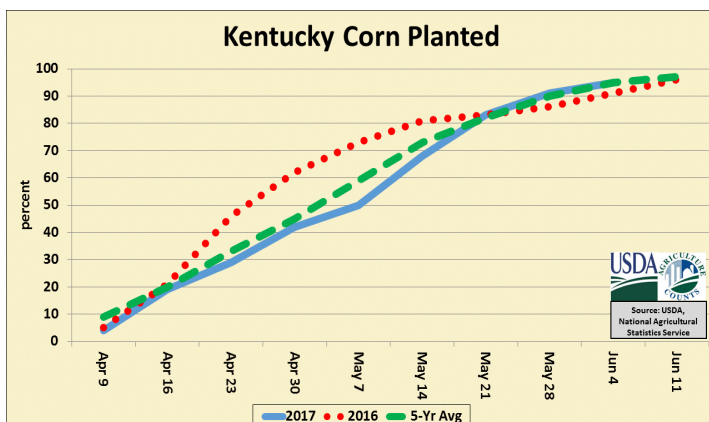
**CROP PROGRESS for week ending 06/04/17**

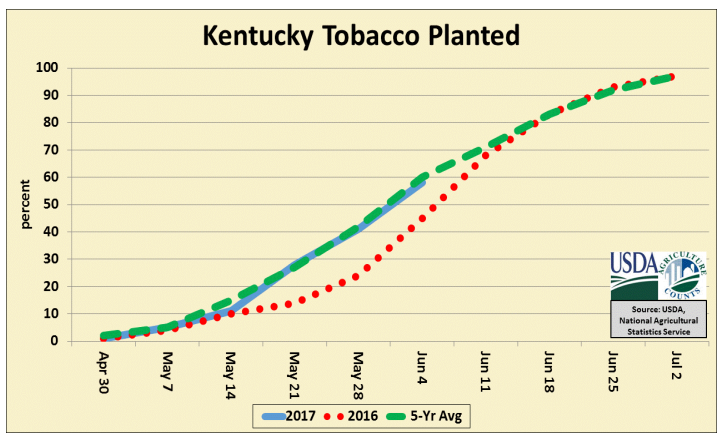
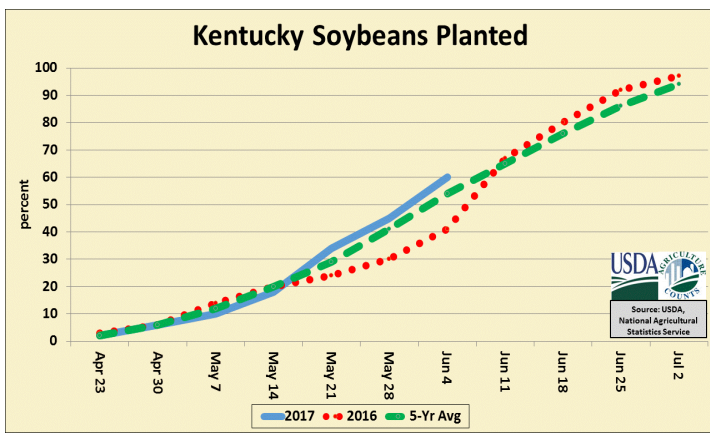
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	95	91	91	95
Corn Emerged	83	74	83	85
Soybeans Planted	60	45	41	54
Soybeans Emerged	38	26	27	37
Tobacco Set	58	41	45	60
Winter Wheat Coloring	96	83	64	-
Winter Wheat Mature	64	-	-	-

- Represents not available.

**CROP CONDITIONS for week ending 06/04/17**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	14	70	12
Pasture	1	3	17	63	16
Tobacco Set	1	3	22	66	8
Wheat	4	19	27	44	6





**Kentucky Climate Summary  
For the Period May 29, 2017 to June 4, 2017**

Above Normal Temperatures and Below Normal Rainfall:

The Bluegrass State averaged slightly under a third of an inch this past period, which marked one of the driest weeks the state has seen in quite a while. In fact, according to data with the UK Ag Weather Center, the second week of February was the last time there was a lower average. Until Sunday, rainfall coverage was fairly low each day throughout the week. Most remained dry more times than not. Sunday brought more coverage, mainly across western and south-central Kentucky, as more moisture streamed into the area. While the period as a whole was dry, temperatures mostly stayed in the 80s throughout the week, finishing slightly above normal.

Temperatures for the period averaged 70 degrees across the state which was 1 degree warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 84 in the West to 81 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 57 degrees in the East. Departure from normal low temperatures ranged from 2 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at LOUISVILLE APT and the extreme low was 47 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 0.32 inches statewide which was 0.78 inches below normal and 29% of normal. Precipitation totals by climate division, West 0.49 inches, Central 0.43 inches, Bluegrass 0.13 inches and East 0.22 inches, which was 0.59, 0.71, 0.95 and 0.89 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BRANDENBURG 4SW to a high of 2.29 inches at BOWLING GREEN APT.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 06/04/17 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
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.08	7.52	3.55	-1.32	-0.40	92	51	70	-1	142	956	68
Berea	0.14	9.11	5.07	-0.49	0.82	85	50	68	-2	130	890	-33
Bowling Green	2.29	12.18	6.47	2.36	2.09	87	60	74	3	166	1,096	181
Bristol	0.34	6.44	3.90	-1.23	0.41	87	54	70	0	140	923	99
Buckhorn Lake	0.21	11.85	6.28	3.44	2.54	84	53	69	-1	134	936	121
Cape Girardeau	0.33	17.20	3.00	7.12	-1.48	88	61	75	2	176	1,065	101
Campbellsville	0.00	11.78	5.97	1.30	1.40	83	52	69	-2	134	932	20
Covington	0.26	11.37	4.19	2.83	0.36	87	50	69	-1	131	836	68
Cumberland Gap	1.29	14.14	5.15	4.68	0.86	85	52	69	-1	134	944	108
Dix Dam	0.00	6.90	3.48	-2.55	-0.68	86	52	70	0	140	922	51
Evansville	0.11	14.07	1.44	4.83	-2.70	89	59	75	2	176	1,052	161
Glasgow	1.35	9.87	5.03	-0.35	0.50	87	59	72	1	153	1,010	147
Grayson	0.14	9.90	5.16	1.50	1.35	84	48	67	-3	122	840	78
Hardinsburg	0.20	8.64	2.47	-1.05	-1.81	86	57	71	0	144	975	50
Henderson	0.49	8.87	2.15	-0.45	-1.88	87	57	74	1	170	1,045	104
Huntington	0.22	7.37	4.93	-0.98	1.14	87	52	70	0	140	912	82
Jackson	0.16	11.77	6.32	2.68	2.34	85	56	70	0	139	992	177
Lexington	0.06	7.48	4.03	-1.36	0.08	87	53	71	1	146	974	160
London	0.00	12.87	5.08	4.21	1.30	84	54	70	0	139	950	105
Louisville	0.00	9.21	2.47	-0.10	-1.57	90	61	74	3	170	1,130	247
Mayfield	0.51	10.13	3.90	-0.38	-0.43	86	61	73	0	163	1,016	38
Nashville	0.49	4.80	1.59	-4.93	-2.66	88	60	74	3	167	1,128	118
Nolin Lake	0.00	11.34	5.38	0.81	0.61	89	56	73	2	160	1,168	314
Paducah	0.23	13.35	2.73	2.86	-1.63	89	61	75	2	178	1,110	161
Princeton	0.27	8.79	2.45	-1.48	-1.90	90	60	74	1	168	1,031	58
Quicksand	0.58	10.56	5.21	1.47	1.23	85	51	69	-1	132	918	103
Somerset	0.08	12.12	6.48	2.13	1.99	83	52	68	-2	129	896	31
Spindletop	0.06	11.91	4.87	3.07	0.92	89	53	72	2	156	949	135
Williamstown	0.19	13.34	6.32	4.28	2.40	86	49	69	-1	132	840	37

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