



# 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 rainfall over the past week. Precipitation for the week totaled 1.33 inches, 0.24 inches above normal. Temperatures averaged 66 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 4 percent short, 72 percent adequate and 24 percent surplus. **Subsoil moisture** was rated 1 percent short, 76 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 5.0 out of a possible seven.

Rising temperatures helped in drying out fields this week. Primary activities included planting corn and soybeans, setting tobacco, as well as spraying, fertilizing, and field preparations. Rain and scattered storms over the weekend did limit fieldwork.

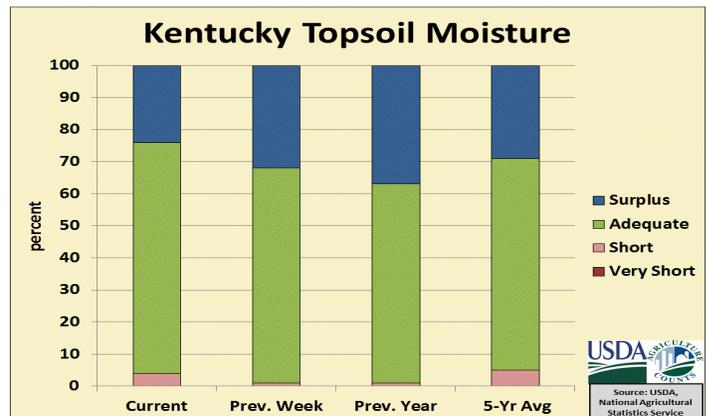
Overall, the wet and cool start to spring has led to several issues including short and thin hay, little stem elongation in wheat heads, slugs in wheat fields, and poor emergence in corn. Some corn fields are being replanted as a result. Pastures and forages are growing faster from the recent warmer temperatures.

Tobacco transplant supplies were reported as 2 percent short, 90 percent adequate, and 8 percent surplus. Twenty-six percent of tobacco transplants were under 2 inches, with 43 percent between 2-4 inches, and 31 percent over 4 inches.

**SOIL MOISTURE for week ending 05/06/18**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	72	24
Subsoil	-	1	76	23

- Represents zero.



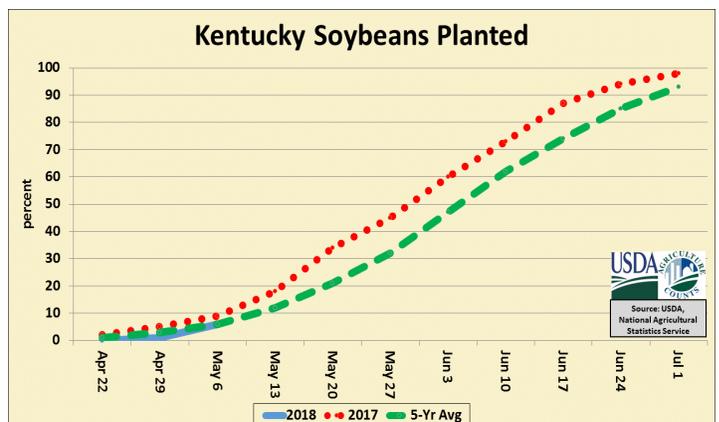
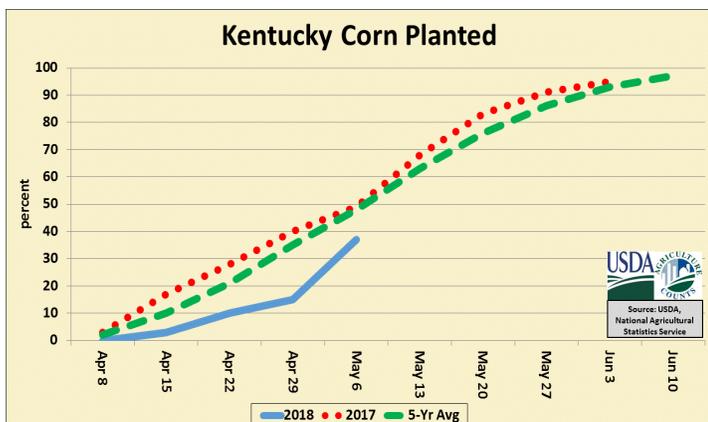
**CROP PROGRESS for week ending 05/06/18**

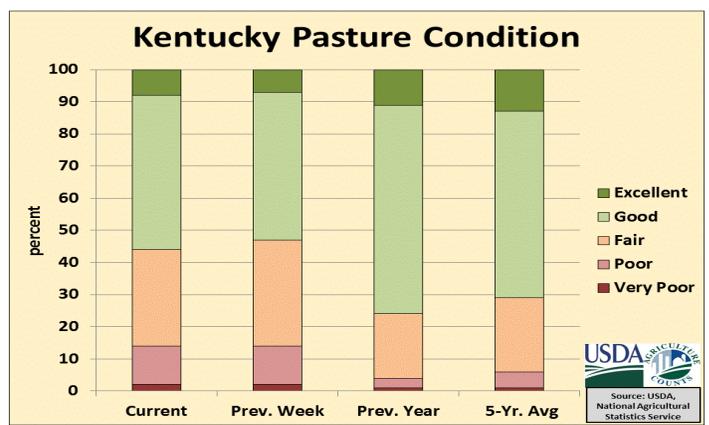
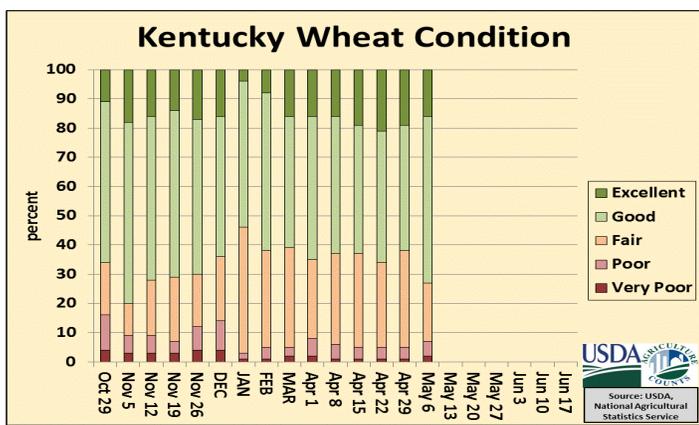
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	37	15	49	48
Corn Emerged	14	3	32	24
Soybeans Planted	6	1	9	6
Tobacco Set	1	-	4	3
Winter Wheat Headed	41	5	86	49

- Represents zero.

**CROP CONDITIONS for week ending 05/06/18**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	12	30	48	8
Wheat	2	5	20	57	16





**Kentucky Climate Summary  
For the Period April 30, 2018 to May 6, 2018**

Above Normal Temperatures and Rainfall:

The first couple days of May featured dry conditions and above normal temperatures as high pressure took control of the Ohio Valley early in the period. By Wednesday, high temperatures soared into the low to middle 80s behind breezy southwest flow and it even felt a bit humid outside as dew points inched into the 60s. Showers and storms then returned for the latter half of the period, starting with a weakening line of storms on Thursday morning pushing east. Scattered to numerous showers and storms followed on Friday with the passage of a cold front, before coverage turned widespread for Derby Day. In fact, Louisville International Airport recorded over three inches for the one-day period on Saturday. After another round of scattered storms Sunday afternoon/evening, Kentucky averaged 1.33 inches for the week, marking the second straight period of above normal rainfall.

Temperatures for the period averaged 66 degrees across the state which was 5 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 78 in the West to 78 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 57 degrees in the West to 53 degrees in the East. Departure from normal low temperatures ranged from 6 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at LOUISA 1S and the extreme low was 28 degrees at BOONEVILLE 2S.

Precipitation (liq. equ.) for the period totaled 1.33 inches statewide which was 0.24 inches above normal and 122% of normal. Precipitation totals by climate division, West 1.02 inches, Central 1.59 inches, Bluegrass 1.49 inches and East 1.23 inches, which was -0.19, 0.47, 0.49 and 0.21 inches respectively from normal. By station, precipitation totals ranged from a low of 0.11 inches at YELLOW CREEK to a high of 3.20 inches at LOUISVILLE APT.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 05/06/18 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air			
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	0.98	25.22	10.00	69	58	83	34	66	3
Berea	1.91	23.17	7.93	--	--	83	31	64	3
Bowling Green	1.71	21.46	3.13	70	55	86	36	68	5
Bristol	1.66	17.77	3.35	--	--	84	32	62	1
Buckhorn Lake	1.27	18.64	2.62	--	--	86	37	67	6
Cape Girardeau	1.50	24.54	7.86	--	--	84	35	67	2
Campbellsville	2.37	23.69	5.42	--	--	82	31	65	2
Covington	0.54	21.00	6.90	--	--	83	33	66	5
Cumberland Gap	0.33	21.73	3.34	--	--	86	32	64	3
Dix Dam	1.44	22.97	7.11	--	--	82	36	66	5
Evansville	0.54	19.91	4.48	--	--	85	37	67	2
Glasgow	2.09	20.49	1.85	65	52	83	35	66	3
Grayson	1.94	21.81	8.20	--	--	83	31	64	3
Hardinsburg	1.10	23.81	6.59	--	--	85	35	67	4
Henderson	0.31	19.94	3.92	--	--	85	38	68	3
Huntington	2.00	19.37	5.84	--	--	87	33	64	3
Jackson	2.56	24.10	7.90	--	--	87	37	68	7
Lexington	2.25	24.45	9.23	66	54	84	36	67	6
London	0.66	21.60	5.36	--	--	86	34	65	4
Louisville	3.20	25.34	9.40	--	--	88	40	70	7
Mayfield	0.68	27.43	7.63	--	--	84	38	68	3
Nashville	1.24	24.17	6.60	--	--	87	37	69	6
Nolin Lake	1.77	22.89	5.28	--	--	85	36	66	3
Paducah	0.59	24.84	6.78	68	55	84	35	69	4
Princeton	1.02	23.23	4.30	71	55	83	34	67	2
Quicksand	2.81	22.05	5.85	--	--	87	31	64	3
Somerseset	2.57	24.85	7.43	--	--	83	31	65	4
Spindletop	2.49	24.95	9.73	66	54	83	38	66	5
Williamstown	1.21	21.07	6.06	--	--	82	35	66	5

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