



# 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 well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.15 inches, 0.95 inches below normal. Temperatures averaged 71 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 13 percent short, 81 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 5 percent short, 86 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

Primary activities this week included planting corn, soybeans, and vegetables, setting tobacco, cutting hay, and fertilizing fields. Initial reports from some producers note that first cutting hay yields are poor due to the late spring.

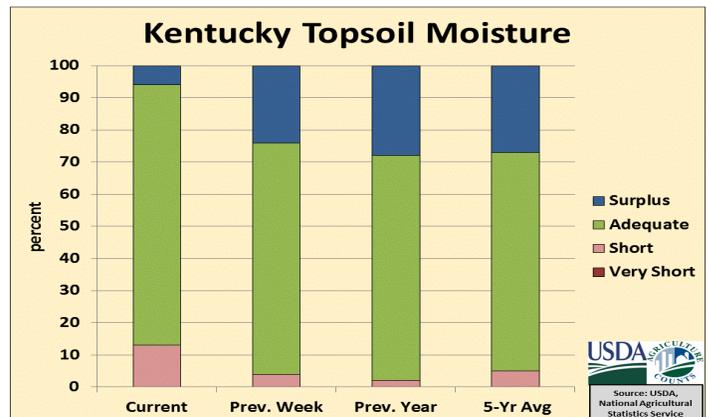
Favorable warm and dry weather over the past week helped to improve pastures and hay, and allowed for significant planting progress to be made. Weather forecasts for rain in the next week have delayed some farmers from cutting hay to allow for enough time to bale. Cattle producers are preparing for spring breeding.

Tobacco transplant supplies were reported as 2 percent short, 90 percent adequate, and 8 percent surplus. Eighteen percent of tobacco transplants were under 2 inches, with 43 percent between 2-4 inches, and 39 percent over 4 inches.

**SOIL MOISTURE for week ending 05/13/18**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	13	81	6
Subsoil	-	5	86	9

- Represents zero.



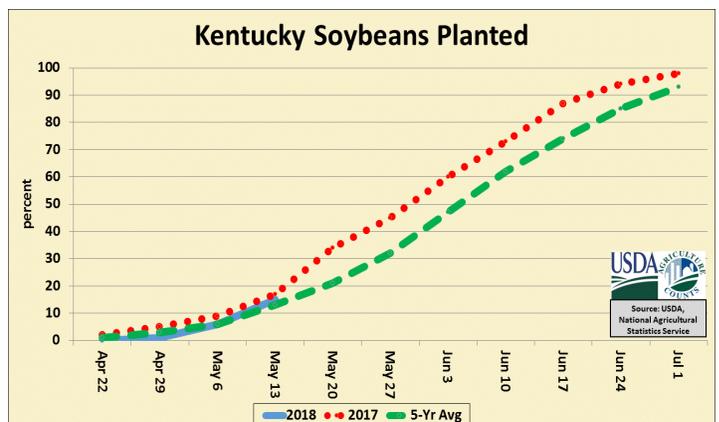
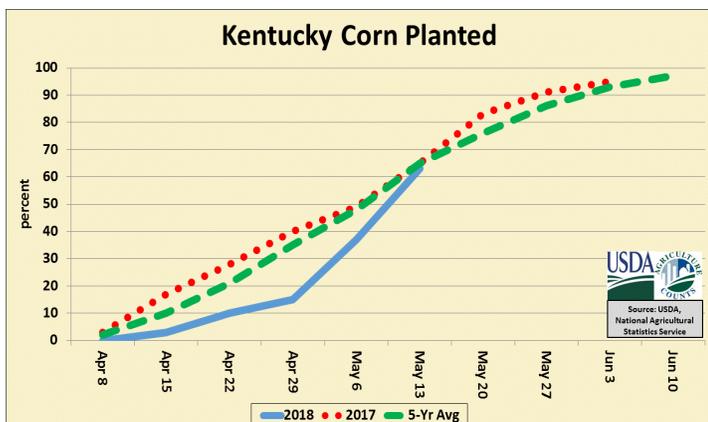
**CROP PROGRESS for week ending 05/13/18**

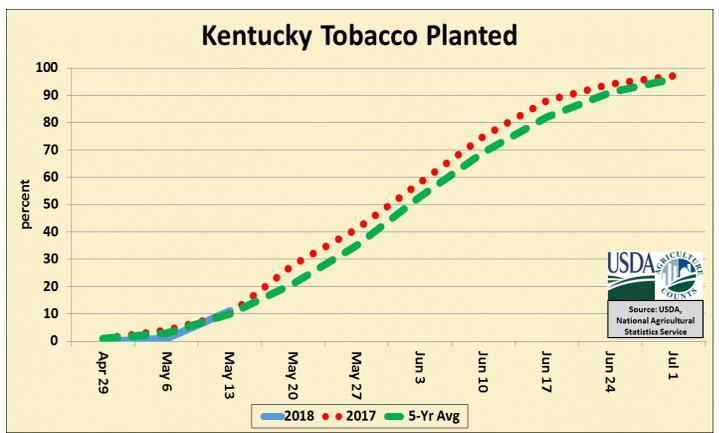
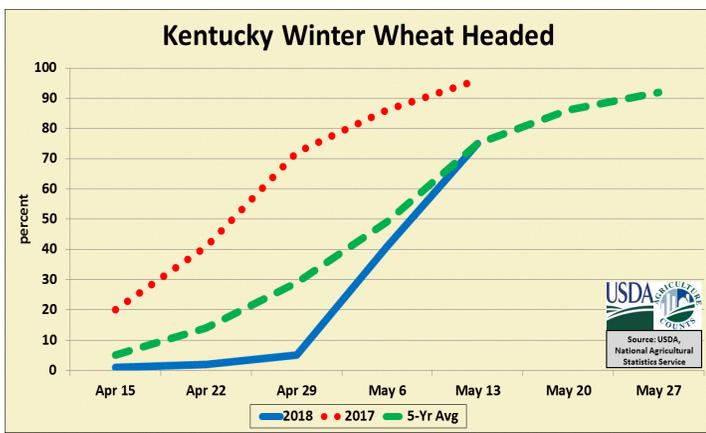
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	63	37	65	65
Corn Emerged	30	14	43	40
Soybeans Planted	15	6	17	13
Soybeans Emerged	2	-	5	3
Tobacco Set	11	1	10	10
Winter Wheat Headed	75	41	96	75

- Represents zero.

**CROP CONDITIONS for week ending 05/13/18**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	9	29	53	8
Wheat	1	4	20	54	21





**Kentucky Climate Summary  
For the Period May 7, 2018 to May 13, 2018**

Well Above Normal Temperatures and Below Normal Rainfall:

It might be a month early, but it felt more like summer for much of the period. Temperatures and humidity gradually increased throughout the week. The Bluegrass State started with highs in the upper 60s to middle 70s on Monday and ended with middle 80s to low 90s on Sunday. The livestock heat stress index even increased into the danger category for short time periods late in the week during the afternoon and early evening hours. The summerlike conditions led to the first time since late February/early March that the Commonwealth had consecutive weeks of above normal temperatures. Other than some occasional isolated showers and storms through the workweek, Kentucky was dry for the majority of the period. In fact, the state was almost an inch below normal for the week.

Temperatures for the period averaged 71 degrees across the state which was 8 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 84 in the West to 83 in the East. Departure from normal high temperatures ranged from 8 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. Low temperatures averaged from 60 degrees in the West to 58 degrees in the East. Departure from normal low temperatures ranged from 7 degrees warmer than normal in the West to 11 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at MAYFIELD 6SW and the extreme low was 43 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.15 inches statewide which was 0.95 inches below normal and 14% of normal. Precipitation totals by climate division, West 0.10 inches, Central 0.22 inches, Bluegrass 0.11 inches and East 0.17 inches, which was 1.06, 0.94, 0.91 and 0.89 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BENTON 4N to a high of 0.62 inches at MUNFORDVILLE 6E.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 05/13/18 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	0.24	25.46	9.24	74	62	86	49	69	4
Berea	0.20	23.37	7.04	--	--	85	47	68	4
Bowling Green	0.28	21.74	2.30	75	62	89	50	73	8
Bristol	0.23	18.39	3.08	--	--	86	47	68	4
Buckhorn Lake	0.13	18.77	1.83	--	--	86	51	70	6
Cape Girardeau	0.00	24.54	6.68	--	--	88	50	72	5
Campbellsville	0.05	23.74	4.29	--	--	85	49	69	4
Covington	0.06	21.06	6.00	--	--	87	50	70	6
Cumberland Gap	0.03	21.76	2.28	--	--	88	51	69	5
Dix Dam	0.02	22.99	6.06	--	--	85	48	70	6
Evansville	0.13	20.04	3.54	--	--	90	49	72	5
Glasgow	0.06	20.55	0.77	70	59	86	52	71	6
Grayson	0.19	22.00	7.42	--	--	85	49	69	5
Hardinsburg	0.01	23.82	5.50	--	--	88	49	71	6
Henderson	0.00	19.94	2.89	--	--	89	50	73	6
Huntington	0.17	19.54	5.04	--	--	88	53	71	7
Jackson	0.19	24.29	7.08	--	--	88	52	72	8
Lexington	0.06	24.51	8.29	70	62	87	50	71	7
London	0.06	21.66	4.45	--	--	88	53	71	7
Louisville	0.09	25.43	8.44	--	--	89	53	74	9
Mayfield	0.02	27.45	6.52	--	--	88	50	72	5
Nashville	0.14	24.31	5.63	--	--	91	53	73	8
Nolin Lake	0.03	22.92	4.07	--	--	90	53	72	7
Paducah	0.00	24.84	5.67	77	62	91	49	74	7
Princeton	0.02	23.25	3.20	77	62	87	49	72	5
Quicksand	0.13	22.18	4.97	--	--	87	51	69	5
Somerset	0.46	25.31	6.74	--	--	85	49	69	5
Spindletop	0.01	24.96	8.74	70	62	87	51	72	8
Williamstown	0.12	21.19	5.18	--	--	86	51	70	6

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