



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

Released: May 6, 2019

Issue: 08-19

Agricultural News: Kentucky experienced well above normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.62 inches, 0.54 inches above normal. Temperatures averaged 68 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 1 percent short, 69 percent adequate and 30 percent surplus. **Subsoil moisture** was rated 1 percent short, 75 percent adequate, and 24 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven.

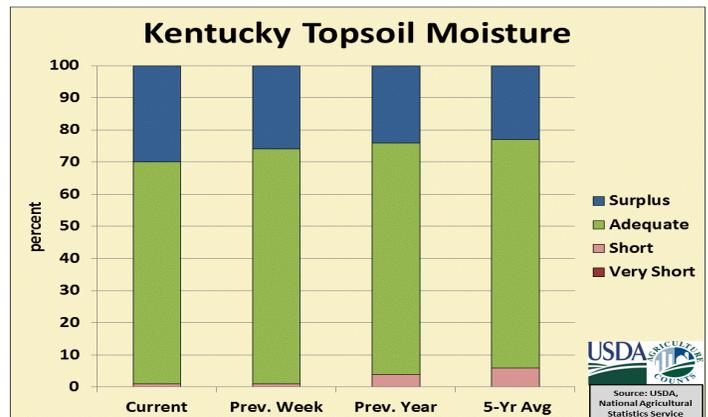
Primary activities this week included planting corn and soybeans, preparing fields, and working cattle. Soils remain saturated throughout the state from the overall wet spring and recent showers and storms. Farmers continue to make progress in planting corn and soybeans, but timing has been an issue with monitoring precipitation forecasts and field conditions. Wheat producers began to make fungicide applications and some early hay fields were cut this past week. Cattle body condition remains of concern coming out of the winter months, as producers expect a delay in putting weight back on. As a result, calving intervals are expected to be impacted.

Tobacco transplant supplies were reported as 3 percent short, 93 percent adequate, and 4 percent surplus. Twenty-one percent of tobacco transplants were under 2 inches, with 49 percent between 2-4 inches, and 30 percent over 4 inches.

SOIL MOISTURE for week ending 05/05/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	69	30
Subsoil	-	1	75	24

- Represents zero.



CROP PROGRESS for week ending 05/05/19

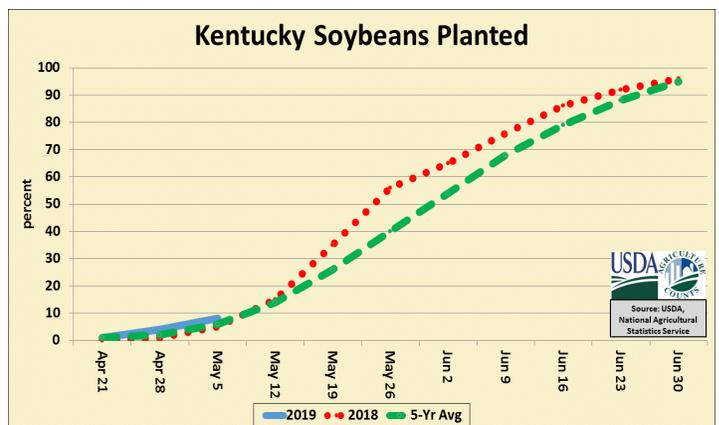
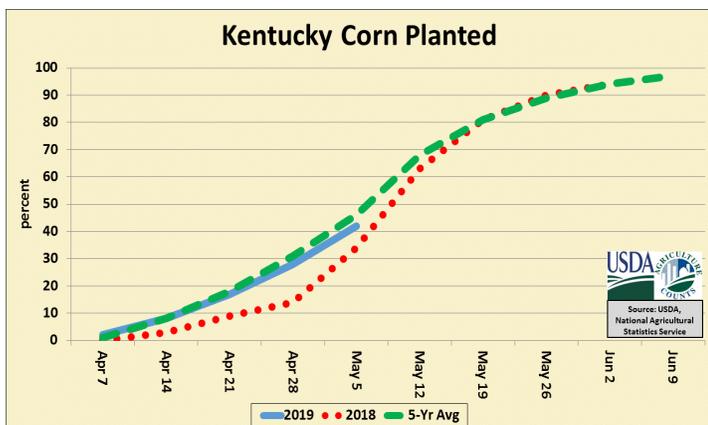
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	42	28	34	46
Corn Emerged	22	12	12	22
Soybeans Planted	8	4	5	6
Tobacco Set	1	-	-1	-1
Winter Wheat Headed	56	24	36	48

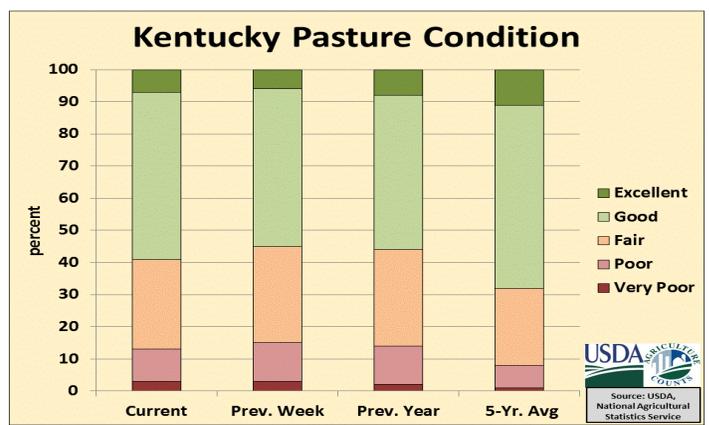
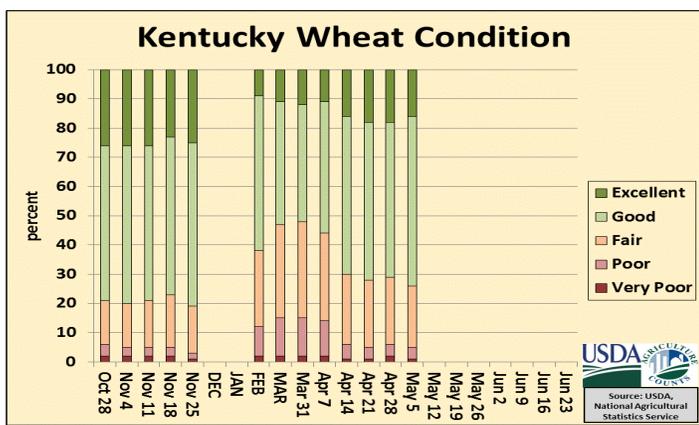
- Represents zero.

-1 Shown when data not available.

CROP CONDITIONS for week ending 05/05/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	10	28	52	7
Wheat	1	4	21	58	16





**Kentucky Climate Summary
For the Period April 29, 2019 to May 5, 2019**

Well Above Normal Temperatures and Above Normal Rainfall:

Extended periods of dry weather have been few over the past month. Data from the Ag Weather Center shows that the state has averaged 6.05 inches over the past thirty days. The wet trend continued this past week with several rounds of showers and storms passing through the area from Wednesday and lasting through Derby Day. An unstable and moist air mass in place led to moderate/heavy rainfall at times and even the potential for flooding by later in the week. Rainfall coverage turned widespread Thursday night/Friday morning and again on Saturday. Overall, the state averaged 1.62 inches for the week, which marks the third week out of the past four with above normal rainfall. While it has been wet, temperatures have been running warm for this time of year. Highs jumped into the 80s numerous times this past week.

Temperatures for the period averaged 68 degrees across the state which was 8 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 76 in the West to 78 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 59 degrees in the West to 58 degrees in the East. Departure from normal low temperatures ranged from 8 degrees warmer than normal in the West to 13 degrees warmer than normal in the East. The extreme high temperature for the period was 127 degrees at FRANKFORT 7S and the extreme low was 34 degrees at FRANKFORT 7S.

Precipitation (liq. equ.) for the period totaled 1.62 inches statewide which was 0.54 inches above normal and 150% of normal. Precipitation totals by climate division, West 1.92 inches, Central 1.52 inches, Bluegrass 1.38 inches and East 1.65 inches, which was 0.71, 0.41, 0.39 and 0.64 inches above normal. By station, precipitation totals ranged from a low of 0.13 inches at CADIZ 4SW to a high of 4.44 inches at PADUCAH ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/05/19 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	1.59	21.97	6.90	68	56	83	41	65	3
Berea	1.04	19.56	4.47	--	--	86	41	66	5
Bowling Green	1.73	23.41	5.24	73	59	85	48	70	8
Bristol	0.63	22.88	8.58	--	--	85	46	68	7
Buckhorn Lake	2.51	21.38	5.50	--	--	83	48	68	7
Cape Girardeau	2.49	24.43	7.91	--	--	79	51	66	2
Campbellsville	0.97	22.19	4.08	--	--	81	43	66	4
Covington	1.87	23.22	9.26	--	--	81	45	65	4
Cumberland Gap	2.71	33.89	15.65	--	--	72	49	60	-1
Dix Dam	0.87	18.19	2.49	--	--	82	46	67	6
Evansville	1.82	25.94	10.66	--	--	85	47	66	2
Glasgow	1.45	23.40	4.92	68	58	82	46	68	6
Grayson	2.38	17.16	3.68	--	--	86	42	67	6
Hardinsburg	1.92	25.69	8.62	--	--	84	46	67	5
Henderson	2.65	24.12	8.25	--	--	85	48	66	2
Huntington	2.79	16.89	3.49	--	--	86	42	66	5
Jackson	2.20	20.66	4.61	--	--	85	44	68	7
Lexington	1.08	19.85	4.78	65	56	84	44	68	7
London	2.53	25.06	8.95	--	--	83	45	67	6
Louisville	1.99	23.90	8.10	--	--	85	45	69	7
Mayfield	1.24	29.89	10.25	--	--	86	51	67	3
Nashville	0.69	26.40	8.98	--	--	86	52	71	9
Nolin Lake	1.59	24.76	7.33	--	--	87	46	69	7
Paducah	4.44	32.04	14.14	69	59	84	50	68	4
Princeton	1.11	23.71	4.94	74	58	84	47	66	2
Quicksand	1.76	19.54	3.49	--	--	84	43	67	6
Somerset	1.14	23.77	6.51	--	--	84	44	67	6
Spindletop	1.11	21.11	6.04	65	55	85	43	68	7
Williamstown	1.40	24.49	9.62	--	--	81	42	65	4

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