



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

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 20, 2019

Issue: 10-19

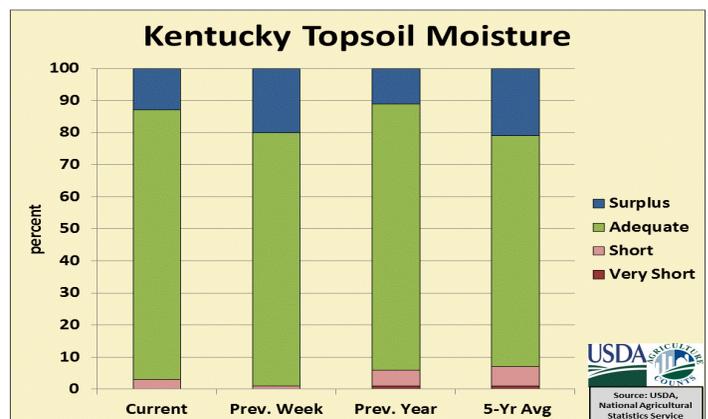
Agricultural News: Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.40 inches, 0.73 inches below normal. Temperatures averaged 65 degrees for the week, near normal. **Topsoil moisture** was rated 3 percent short, 84 percent adequate and 13 percent surplus. **Subsoil moisture** was rated 2 percent short, 86 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 4.9 out of a possible seven.

Primary activities this week included planting corn and soybeans, transplanting tobacco, cutting hay, and spraying wheat. With continued dry weather, planting progress is expected to pick up. Producers began side-dressing corn with nitrogen. Some replanting of corn has occurred in fields where water had pooled. Spring breeding of cattle is underway. Tobacco transplant supplies were reported as 1 percent very short, 3 percent short, 92 percent adequate, and 4 percent surplus.

SOIL MOISTURE for week ending 05/19/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	84	13
Subsoil	-	2	86	12

- Represents zero.



CROP PROGRESS for week ending 05/19/19

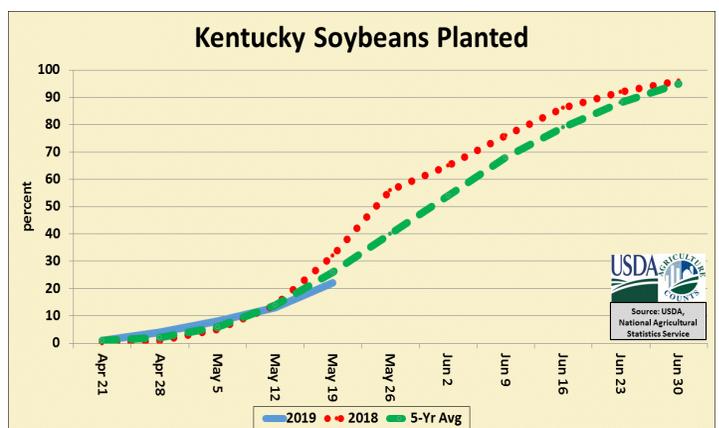
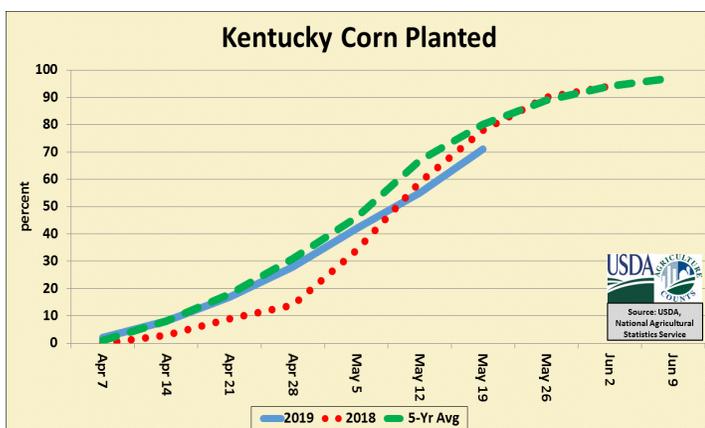
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	71	55	78	80
Corn Emerged	50	37	49	57
Soybeans Planted	22	13	32	26
Soybeans Emerged	8	-1	11	9
Tobacco Set	17	6	24	23
Winter Wheat Headed	90	78	85	89

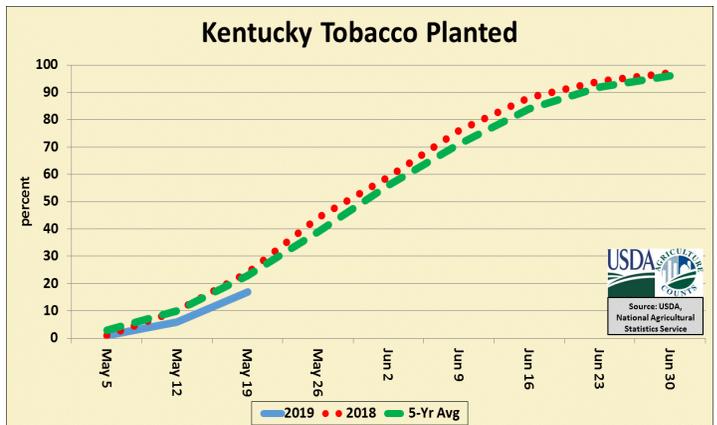
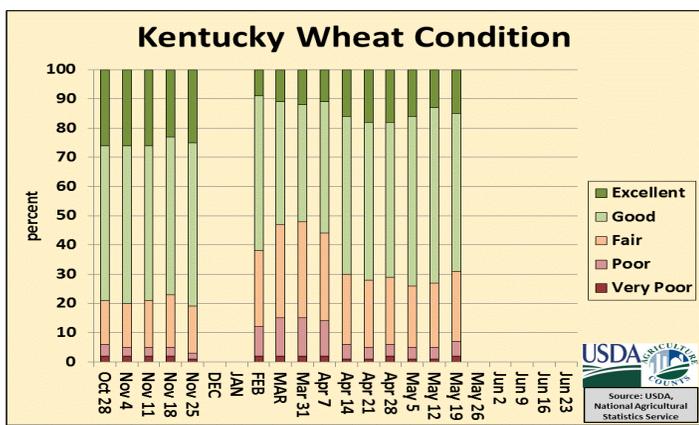
-1 Shown when data not available.

CROP CONDITIONS for week ending 05/19/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	2	13	69	16
Pasture	1	8	22	60	9
Strawberries	1	2	22	64	11
Wheat	2	5	24	54	15

- Represents zero.





**Kentucky Climate Summary
For the Period May 13, 2019 to May 19, 2019**

Near Normal Temperatures and Below Normal Rainfall:

Kentucky rainfall has now been below normal for two straight weeks. Monday and Tuesday started the period cool and dry, before a disturbance passed through Western Kentucky on Wednesday. Many across this area saw anywhere from a quarter to an inch+, while the rest of the state remained dry. This was followed by another disturbance on Thursday evening and overnight, dropping through portions of Central and Eastern Kentucky. Storms were capable of producing heavy rain and dangerous lightning. Mostly dry conditions then returned for Friday and Saturday, accompanied by a return to summer heat and humidity. Highs rose into the middle to upper 80s for most with some even touching 90 degrees. Scattered activity returned on Sunday, but once again, most stayed dry. Over the past two weeks, a large section of Central and Eastern Kentucky are showing rainfall departures of 1 to 2 inches below normal. Some locations around Bowling Green are more than 2 inches below.

Temperatures for the period averaged 65 degrees across the state which was near normal and 2 degrees warmer than the previous period. High temperatures averaged from 77 in the West to 75 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 56 degrees in the West to 53 degrees in the East. Departure from normal low temperatures ranged from 1 degree warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at BURKESVILLE 3W and the extreme low was 37 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 0.40 inches statewide which was 0.73 inches below normal and 35% of normal. Precipitation totals by climate division, West 0.82 inches, Central 0.21 inches, Bluegrass 0.31 inches and East 0.27 inches, which was 0.35, 0.98, 0.77 and 0.83 inches below normal. By station, precipitation totals ranged from a low of 0.02 inches at COLUMBIA 3N to a high of 2.26 inches at PADUCAH ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/19/19 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	0.39	22.55	5.46	75	59	86	40	64	-3
Berea	0.18	20.25	2.99	--	--	88	41	64	-1
Bowling Green	0.01	23.59	3.19	80	57	89	43	67	0
Bristol	1.04	24.85	8.79	--	--	89	39	64	-1
Buckhorn Lake	0.07	22.82	5.08	--	--	85	44	63	-2
Cape Girardeau	1.52	26.62	7.76	--	--	87	44	69	0
Campbellsville	0.03	22.47	2.02	--	--	86	39	64	-3
Covington	0.28	24.24	8.35	--	--	86	41	64	-1
Cumberland Gap	0.31	36.61	16.20	--	--	74	38	56	-9
Dix Dam	0.41	18.77	0.92	--	--	86	42	65	0
Evansville	0.49	26.77	9.35	--	--	88	43	67	-2
Glasgow	0.02	23.79	3.03	73	57	86	41	65	-2
Grayson	0.29	18.34	2.94	--	--	88	40	64	-1
Hardinsburg	0.99	27.10	7.84	--	--	88	41	66	-1
Henderson	0.30	24.64	6.71	--	--	90	43	67	-2
Huntington	0.85	18.85	3.53	--	--	88	39	64	-1
Jackson	0.29	21.99	3.91	--	--	86	45	64	-1
Lexington	0.20	20.24	3.15	70	58	87	45	65	0
London	0.18	26.48	8.45	--	--	86	42	64	-1
Louisville	0.14	24.39	6.51	--	--	90	47	68	1
Mayfield	1.68	32.01	10.11	--	--	88	40	67	-2
Nashville	0.20	27.28	7.66	--	--	90	45	69	2
Nolin Lake	0.02	24.98	5.07	--	--	90	42	66	-1
Paducah	1.99	34.55	14.42	73	59	87	40	67	-2
Princeton	1.08	24.99	3.98	80	55	87	40	66	-3
Quicksand	0.06	20.36	2.28	--	--	88	44	64	-1
Somerset	3.06	27.81	8.26	--	--	86	41	64	-1
Spindletop	0.21	21.76	4.67	70	57	89	45	66	1
Williamstown	0.13	26.51	9.65	--	--	85	43	63	-2

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