



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
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Cooperative Extension Service

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Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.16 inches, 0.11 inches above normal. Temperatures averaged 56 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 1 percent short, 67 percent adequate, and 32 percent surplus. **Subsoil moisture** was rated 65 percent adequate and 35 percent surplus. Days suitable for fieldwork averaged 3.4 out of a possible seven.

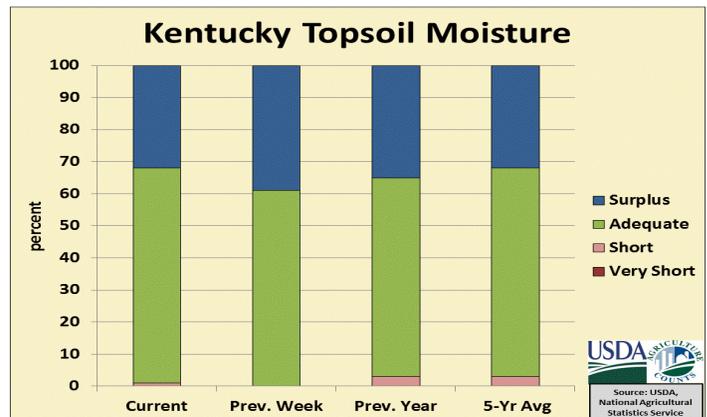
Primary activities for this week included planting corn and soybeans when possible along with seeding of tobacco transplants. Corn planting progress is well behind both last year and the five year average for this point in the season due to continuing rain and cool temperatures. Warm and dry conditions arrived towards the end of the week and farmers will be trying to catch up while the weather holds out. Soybean planting has just begun at 1 percent in the ground. The average height of winter wheat was reported as 18 inches, compared to 17 inches last week.

Pastures and hay growth have suffered due to the consistent rain and cool temperatures, however hay supply is mostly adequate and the condition is mostly good. Hay supply was reported as 8 percent very short, 30 percent short, 59 percent adequate, and 3 percent surplus. Alfalfa hay average height was 10 inches, compared to 9 inches last week. Greenhouse tobacco plants were reported as in mostly good condition. Forty three percent of tobacco transplants were under 2 inches, with 38 percent 2-4 inches, and 19 percent over 4 inches. Strawberry condition was rated as 1 percent very poor, 3 percent poor, 38 percent fair, 51 percent good, and 7 percent excellent.

SOIL MOISTURE for week ending 04/29/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	67	32
Subsoil	-	-	65	35

- Represents zero.



CROP PROGRESS for week ending 04/29/18

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	15	10	40	35
Corn Emerged	3	-	22	13
Soybeans Planted	1	-	5	3
Tobacco Transplants Seeded	90	79	-1	-1
Winter Wheat Headed	5	2	72	29

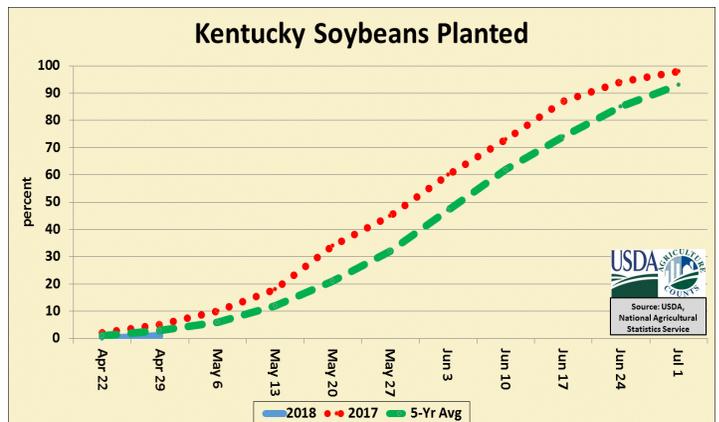
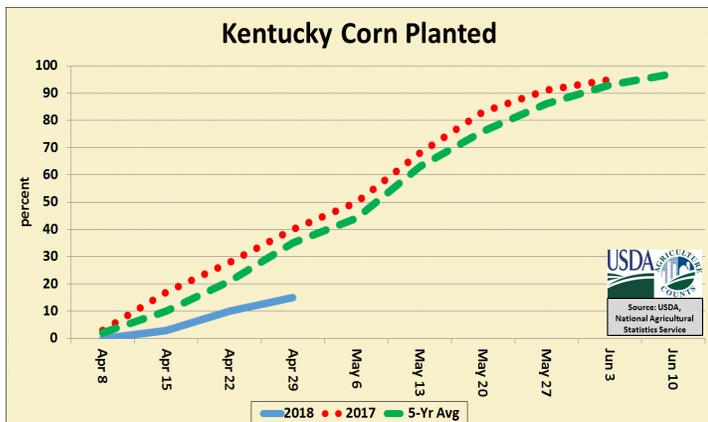
- Represents zero.

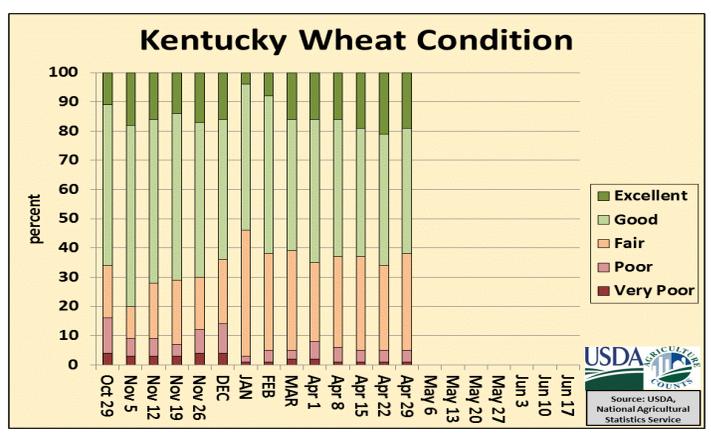
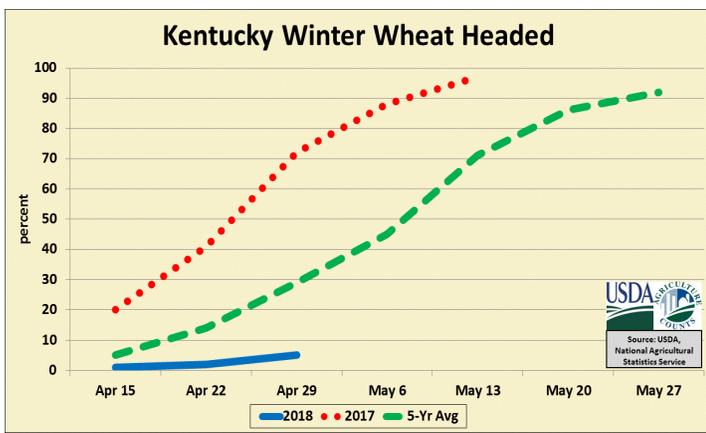
-1 Represents data not available.

CROP CONDITIONS for week ending 04/29/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	2	12	37	44	5
Livestock	1	4	19	68	8
Pasture	2	12	33	46	7
Strawberries	1	3	38	51	7
Tobacco Transplants	-	1	14	72	13
Wheat	1	4	33	43	19

- Represents zero.





**Kentucky Climate Summary
For the Period April 23, 2018 to April 29, 2018**

Below Normal Temperatures and Above Normal Rainfall:

An area of low pressure aloft slowly progressed across the region to begin the period. This kept Kentucky in a wet pattern with bands of light to moderate rain showers moving through the area. In addition to some light rainfall on Thursday across the southern half of Kentucky, total accumulations for the week averaged just over an inch for the state. The clouds and precipitation kept temperatures below normal by day and above normal at night. Sunshine returned for the weekend, but a frontal passage early on Saturday kept temperatures below normal as high pressure filtered cooler air from Canada down into the Bluegrass State. In fact, lows on Saturday night/Sunday morning dipped into the low to middle 30s across the eastern half of Kentucky, leading to some patchy light frost.

Temperatures for the period averaged 56 degrees across the state which was 3 degrees cooler than normal and 6 degrees warmer than the previous period. High temperatures averaged from 66 in the West to 64 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 49 degrees in the West to 48 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 76 degrees at LOUISVILLE APT and the extreme low was 29 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 1.16 inches statewide which was 0.11 inches above normal and 110% of normal. Precipitation totals by climate division, West 1.45 inches, Central 0.98 inches, Bluegrass 1.07 inches and East 1.12 inches, which was 0.25, -0.09, 0.10 and 0.15 inches respectively from normal. By station, precipitation totals ranged from a low of 0.27 inches at FORT KNOX to a high of 3.42 inches at MAYFIELD 6SW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/29/18 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Air Temp. Dev. From Normal	
	Last Week	Since Jan 1		Soil		Air			Wkly. Avg.
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	1.25	24.24	10.02	62	53	72	33	55	-5
Berea	1.02	21.26	7.09	--	--	70	32	54	-5
Bowling Green	1.02	19.75	2.52	64	51	75	39	59	-1
Bristol	0.41	16.11	2.55	--	--	73	38	57	-2
Buckhorn Lake	0.71	17.37	2.27	--	--	69	36	56	-3
Cape Girardeau	0.78	23.04	7.51	--	--	73	39	57	-5
Campbellsville	1.14	21.32	4.21	--	--	71	32	56	-4
Covington	0.75	20.46	7.32	--	--	71	30	54	-5
Cumberland Gap	0.84	21.40	4.08	--	--	71	34	56	-3
Dix Dam	1.43	21.53	6.73	--	--	71	33	55	-4
Evansville	0.72	19.37	4.99	--	--	70	39	57	-5
Glasgow	0.77	18.40	0.89	59	51	72	37	57	-3
Grayson	0.68	19.87	7.20	--	--	70	31	54	-5
Hardinsburg	0.74	22.71	6.57	--	--	73	36	57	-3
Henderson	0.84	19.63	4.63	--	--	72	40	58	-4
Huntington	0.47	17.37	4.78	--	--	72	34	55	-4
Jackson	0.91	21.54	6.35	--	--	72	39	57	-2
Lexington	1.40	22.20	7.98	60	53	72	34	56	-3
London	1.64	20.94	5.65	--	--	70	37	56	-3
Louisville	0.81	22.14	7.23	--	--	76	37	58	-2
Mayfield	2.05	26.75	8.09	--	--	71	42	59	-3
Nashville	0.45	22.93	6.50	--	--	73	42	60	0
Nolin Lake	0.77	21.12	4.72	--	--	75	38	58	-2
Paducah	3.41	24.25	7.32	63	53	72	43	59	-3
Princeton	1.65	22.21	4.40	66	52	71	37	57	-5
Quicksand	0.92	19.24	4.05	--	--	72	33	56	-3
Somerset	1.75	22.28	5.98	--	--	72	33	56	-3
Spindletop	1.48	22.46	8.24	60	53	71	34	55	-4
Williamstown	1.23	19.86	5.84	--	--	71	34	54	-5

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr1 Weather Center (859) 218-4364.