



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: April 24, 2017

Issue: 08-17

Agricultural News: Kentucky experienced above normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.10 inches, 1.11 inches above normal. Temperatures averaged 63 degrees for the week, 6 degrees above normal. **Topsoil moisture** was rated 4 percent short, 66 percent adequate and 30 percent surplus. **Subsoil moisture** was rated 1 percent very short, 6 percent short, 73 percent adequate, and 20 percent surplus. Days suitable for fieldwork averaged 3.0 out of a possible seven.

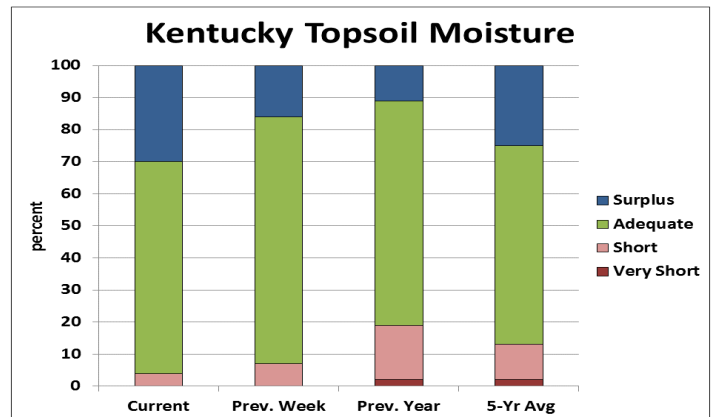
Primary activities for the week included the continuation of corn planting and seeding of tobacco transplants. Corn producers are showing planting restraint to avoid soil compaction due to excess precipitation. Forty two percent of tobacco transplants were under 2 inches, with 45 percent 2-4 inches, and 13 percent over 4 inches. Soybean planting has just begun and has been restricted by the weather just as corn has. Wet conditions throughout the state kept farmers out of the fields most of the week.

The average height of winter wheat was 24 inches, compared to 21 inches last week. Wheat growers are in need favorable weather conditions to spray fungicides, particularly for scab and stripe rust. Average height of Alfalfa hay was 10 inches, compared to 8 inches last week. Apple freeze damage was reported as 2 percent severe, 9 percent moderate, 35 percent light, and 54 percent with no damage. Peach freeze damage was reported as 10 percent severe, 22 percent moderate, 27 percent light, and 41 percent with no damage.

SOIL MOISTURE for week ending 04/23/17

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	66	30
Subsoil	1	6	73	20

- Represents zero.



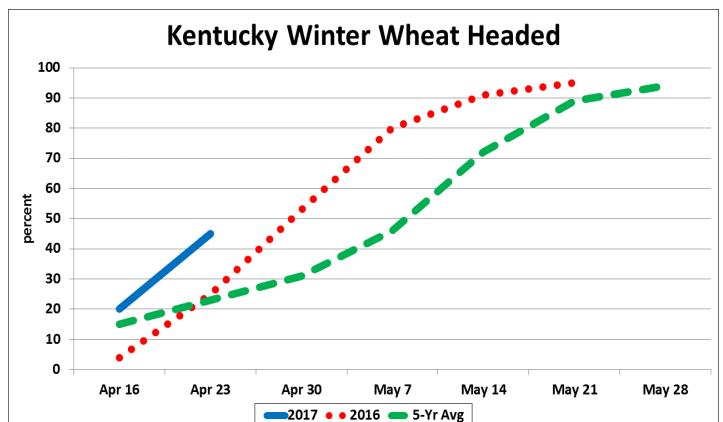
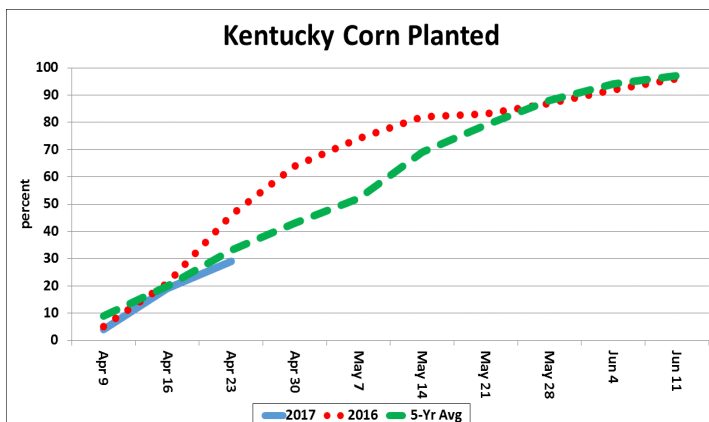
CROP PROGRESS for week ending 04/23/17

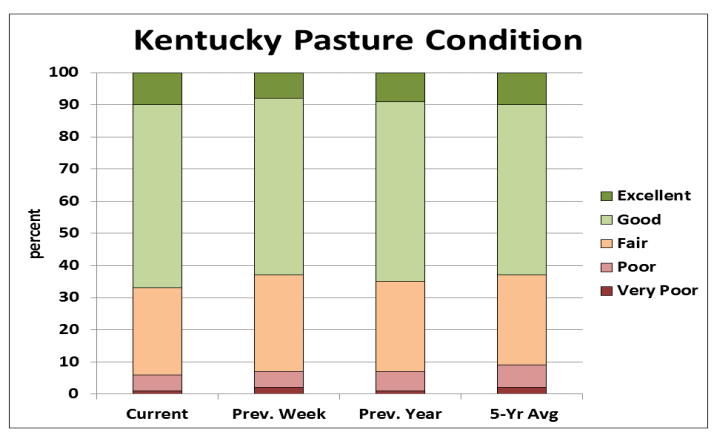
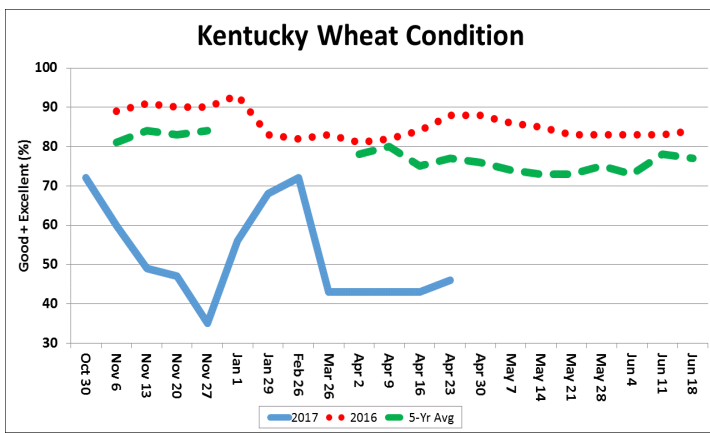
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	29	19	46	33
Corn Emerged	10	-	7	11
Soybeans Planted	2	-	3	2
Tobacco Transplants Seeded	87	81	90	91
Winter Wheat Headed	45	20	25	23

- Represents not available.

CROP CONDITIONS for week ending 04/23/17

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	5	27	57	10
Tobacco Transplants	1	1	12	76	10
Wheat	5	14	35	40	6





**Kentucky Climate Summary
For the Period April 17, 2017 to April 23, 2017**

Above Normal Temperatures and Much Above Normal Rainfall:

The state saw exceptionally wet conditions over the course of the period. When looking at average statewide rainfall, this was the wettest week of 2017. Kentucky averaged 2.10 inches, which was over an inch above normal. Some areas, especially Southeastern Kentucky, accumulated 3+ inches. The Commonwealth became situated within a very active pattern with multiple frontal boundaries and disturbances pushing through the area. At least some portion of the state recorded rain each day of the week. While most of the workweek feature isolated to scattered precipitation, more widespread coverage arrived late Friday and into the first half of the weekend. This led to some minor river flooding across Eastern Kentucky. While Saturday and Sunday featured highs in the 50s, the rest of the period remained fairly warm, leading to a 5th straight week of above normal temperatures. On average, the state typically runs in the upper 60s to middle 70s for the last couple weeks of April.

Temperatures for the period averaged 63 degrees across the state which was 6 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 70 in the West to 69 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 56 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 15 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at LOUISVILLE APT and the extreme low was 36 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 2.10 inches statewide which was 1.11 inches above normal and 212% of normal. Precipitation totals by climate division, West 2.39 inches, Central 1.99 inches, Bluegrass 1.11 inches and East 2.90 inches, which was 1.24, 1, 0.2 and 1.98 inches above normal. By station, precipitation totals ranged from a low of 0.46 inches at CARLISLE 5SW to a high of 7.26 inches at WHITLEY CITY 3N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/23/17 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)		
Bardstown	0.66	12.59	-0.85	66	57	82	44	64	6
Berea	1.16	12.16	-1.16	--	--	80	47	62	5
Bowling Green	2.39	14.48	-1.88	78	56	84	48	65	7
Bristol	0.12	8.08	-4.82	--	--	78	51	62	5
Buckhorn Lake	2.84	14.27	-0.08	--	--	80	46	62	5
Cape Girardeau	4.17	12.69	-1.96	--	--	84	47	63	3
Campbellsville	1.85	16.50	0.34	--	--	82	46	63	5
Covington	0.91	14.38	1.99	--	--	82	43	62	5
Cumberland Gap	4.14	18.53	2.02	--	--	80	51	64	7
Dix Dam	1.15	11.59	-2.37	--	--	81	44	62	5
Evansville	1.44	9.85	-3.72	--	--	84	46	64	4
Glasgow	1.82	12.57	-4.03	75	55	82	47	64	6
Grayson	0.72	14.88	2.94	--	--	82	44	62	5
Hardinsburg	3.01	13.28	-1.99	--	--	82	46	63	5
Henderson	1.80	10.57	-3.58	--	--	81	46	64	4
Huntington	0.49	10.68	-1.19	--	--	83	43	63	6
Jackson	2.81	16.46	2.09	--	--	84	46	63	6
Lexington	0.77	13.04	-0.40	68	56	83	43	63	6
London	4.09	15.80	1.29	--	--	82	47	63	6
Louisville	1.03	12.61	-1.45	--	--	85	47	66	8
Mayfield	2.93	15.55	-2.10	--	--	79	49	62	2
Nashville	1.48	10.10	-5.51	--	--	85	51	65	7
Nolin Lake	2.57	15.58	0.09	--	--	85	47	67	9
Paducah	1.96	12.50	-3.43	--	--	84	48	64	4
Princeton	1.59	12.04	-4.81	76	54	80	48	63	3
Quicksand	2.67	15.18	0.81	--	--	84	48	62	5
Somerset	1.78	14.23	-1.20	--	--	82	47	63	6
Spindletop	0.59	18.16	4.72	67	57	81	43	63	6
Williamstown	1.03	13.18	-0.01	--	--	81	42	62	5

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