



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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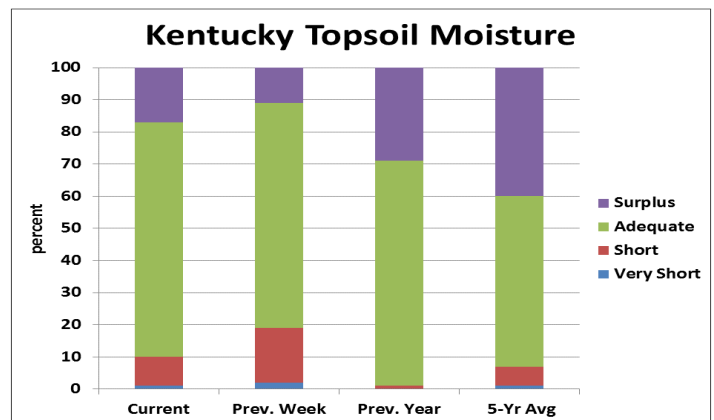
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 2.62 inches, 1.55 inches above normal. Temperatures averaged 67 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 9 percent short, 73 percent adequate and 17 percent surplus. **Subsoil moisture** was rated 1 percent very short, 8 percent short, 77 percent adequate, and 14 percent surplus. Days suitable for fieldwork averaged 3.8 out of a possible seven.

Primary activities this week included planting corn and soybeans. Weather conditions did slow planting progress, with significant rainfall reported in several areas. Wheat is still rated in mostly good condition. The average height of winter wheat was 24 inches, compared to 21 inches last week.

Much needed rain did help to improve pasture and hay growth. Alfalfa hay average height was 15 inches, compared to 12 inches last week. Hay and roughage supplies were reported as 2 percent very short, 14 percent short, 76 percent adequate, and 8 percent surplus. Tobacco transplant supplies were reported as 2 percent short, 93 percent adequate, and 5 percent surplus. Twenty-eight percent of tobacco transplants were under 2 inches, with 44 percent between 2-4 inches, and 28 percent over 4 inches.

SOIL MOISTURE for week ending 05/01/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	9	73	17
Subsoil	1	8	77	14



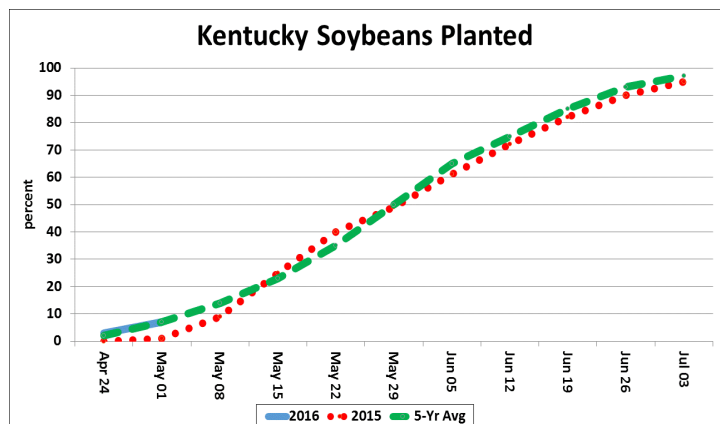
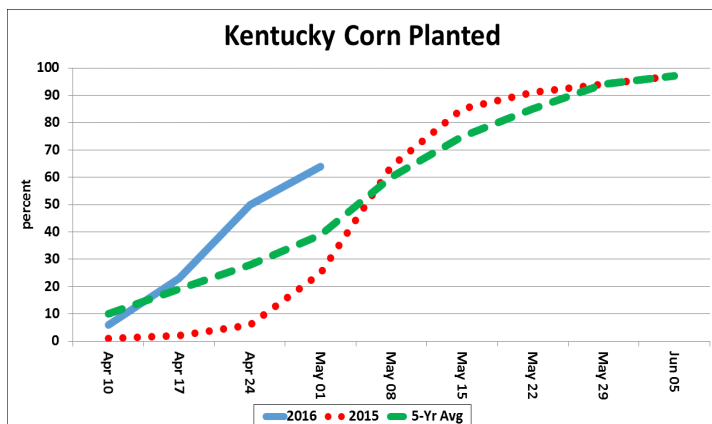
CROP PROGRESS for week ending 05/01/16

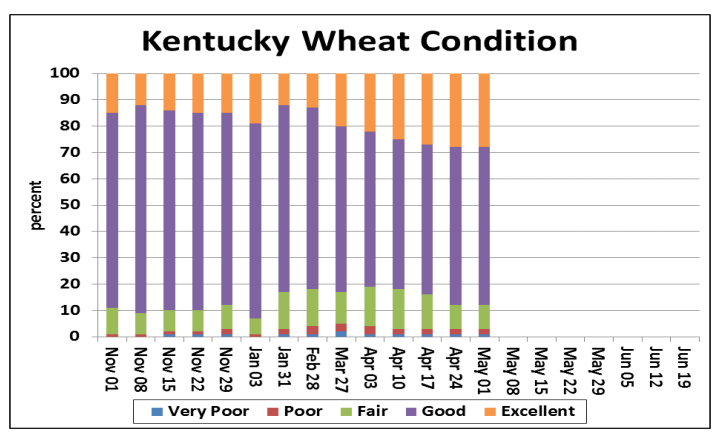
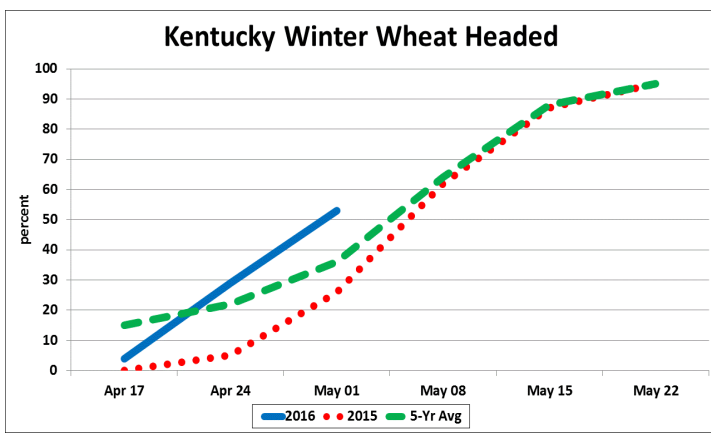
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	64	50	20	38
Corn Emerged	29	8	4	18
Soybeans Planted	7	3	1	5
Tobacco Set	1	-	1	2
Winter Wheat Headed	53	29	22	35

- Represents zero.

CROP CONDITIONS for week ending 05/01/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	1	7	34	49	9
Livestock	1	3	14	68	14
Pasture	1	7	28	55	9
Strawberries	1	3	13	74	9
Tobacco Transplants	1	2	12	72	13
Wheat	1	2	9	60	28





**Kentucky Climate Summary
For the Period April 25, 2016 to May 1, 2016**

Much Above Normal Temperatures and Rainfall:

Exceptionally wet conditions soaked the Bluegrass State this past week as an average over 2.5 inches fell across the Commonwealth. This was over 1.5 inches above normal and broke a three week streak of below normal precipitation. High rainfall totals were the case for nearly the entirety of Kentucky as multiple rounds of showers and storms rolled through the Lower Ohio Valley. On numerous occasions, storms became strong to severe with damaging winds and hail as the main threats. Overall, this past week was the wettest period of 2016. While the wet pattern was the highlight of the period, unseasonably mild temperatures stuck around for yet another week. In fact, seven of the past eight weeks have seen above normal temperatures. Temperatures were highest on Monday and Tuesday as highs jumped into the low to middle 80s.

Temperatures for the period averaged 67 degrees across the state which was 8 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 77 in the West to 77 in the East. Departure from normal high temperatures ranged from 4 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 57 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 13 degrees warmer than normal in the East. The extreme high temperature for the period was 87 degrees at BOWLING GREEN 4E and the extreme low was 42 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 2.62 inches statewide which was 1.55 inches above normal and 245% of normal. Precipitation totals by climate division, West 2.17 inches, Central 2.24 inches, Bluegrass 2.98 inches and East 3.09 inches, which was 0.96, 1.15, 2 and 2.1 inches above normal. By station, precipitation totals ranged from a low of 0.71 inches at BOWLING GREEN APT to a high of 4.78 inches at JACKSON AIRPORT.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/01/16 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	1.81	12.90	-1.59	68	60	83	51	67	6
Berea	2.57	13.06	-1.41	--	--	84	48	66	6
Bowling Green	0.71	11.93	-5.60	70	61	87	53	70	9
Bristol	1.86	11.73	-2.07	--	--	83	47	67	7
Buckhorn Lake	3.42	13.54	-1.81	--	--	82	53	67	7
Cape Girardeau	1.36	14.94	-0.91	--	--	82	54	67	4
Campbellsville	3.85	15.59	-1.85	--	--	82	49	67	6
Covington	3.01	16.66	3.25	--	--	82	51	64	4
Cumberland Gap	3.38	17.42	-0.20	--	--	83	47	66	6
Dix Dam	2.62	12.01	-3.08	--	--	83	52	67	7
Evansville	3.08	17.81	3.15	--	--	83	51	66	3
Glasgow	0.88	16.65	-1.17	71	63	83	52	69	8
Grayson	3.43	14.62	1.69	--	--	81	46	66	6
Hardinsburg	2.35	15.96	-0.48	--	--	84	51	67	6
Henderson	3.62	17.37	2.08	--	--	85	55	67	4
Huntington	3.36	15.92	3.07	--	--	84	47	68	8
Jackson	4.73	18.25	2.78	--	--	84	56	68	8
Lexington	2.35	11.88	-2.61	66	58	84	51	67	7
London	1.67	13.11	-2.45	--	--	84	50	67	7
Louisville	1.97	14.83	-0.37	--	--	86	56	70	9
Mayfield	3.40	25.65	6.66	--	--	82	54	68	5
Nashville	0.60	12.13	-4.66	--	--	87	55	72	11
Nolin Lake	1.29	13.40	-3.33	--	--	87	51	71	10
Paducah	2.15	17.93	0.67	72	62	84	54	69	6
Princeton	1.88	17.31	-0.82	72	62	82	55	67	4
Quicksand	4.07	16.85	1.38	--	--	83	44	66	6
Somerset	3.83	16.76	0.16	--	--	83	48	67	7
Spindletop	2.35	15.43	0.94	66	58	83	53	67	7
Williamstown	2.79	15.27	0.97	--	--	82	52	65	5

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