



# 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

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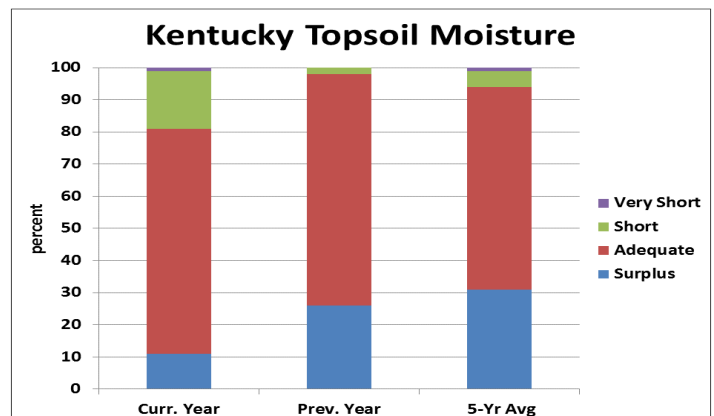
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**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.25 inches, 0.12 inches above normal. Temperatures averaged 68 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 18 percent short, 70 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 1 percent very short, 11 percent short, 77 percent adequate, and 11 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

Primary activities this week included planting corn, soybeans and tobacco along with cutting and baling hay. Planting progressed at a rapid pace, at least until the later part of the week. Rains over the weekend caused some lodging in wheat, but eighty percent is still rated as good to excellent. Producers continued harvesting wheat intended for hay or silage. Some locations are very dry and in need of additional moisture. Dry pasture conditions in these areas are resulting in hay being fed to cattle. Tobacco transplant supplies were reported as 1 percent very short, 4 percent short, 87 percent adequate, and 8 percent surplus. Fifteen percent of tobacco transplants were under 2 inches, with 38 percent between 2-4 inches, and 47 percent over 4 inches.

**SOIL MOISTURE for week ending 05/17/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	18	70	11
Subsoil	1	11	77	11



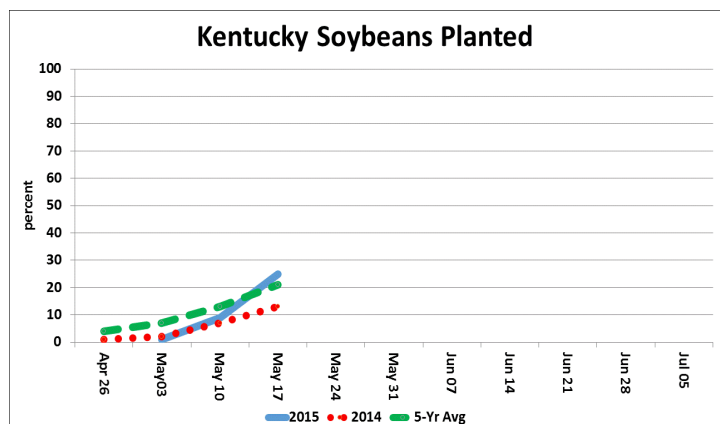
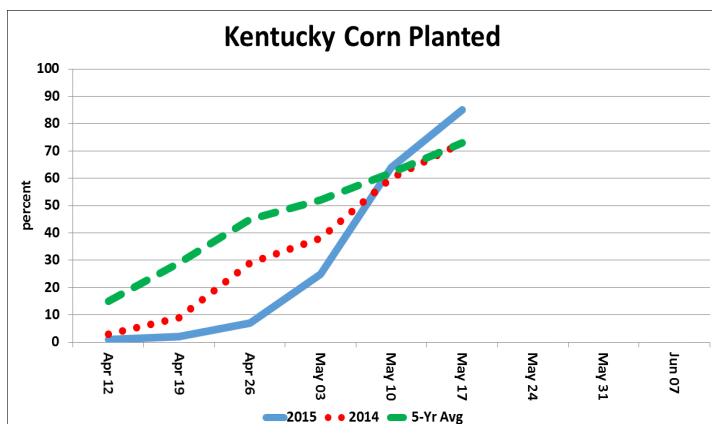
**CROP PROGRESS for week ending 05/17/15**

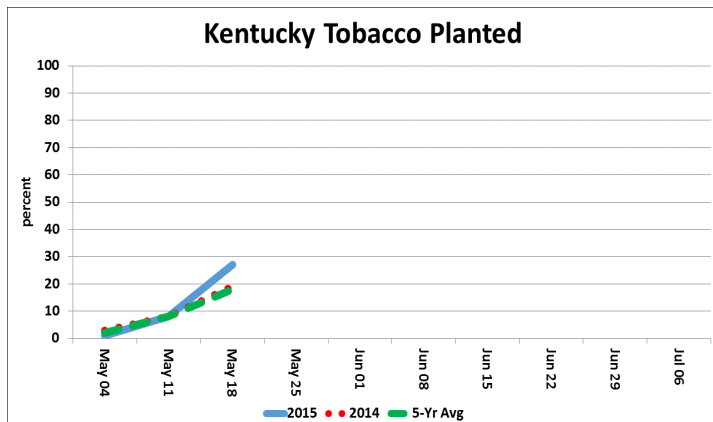
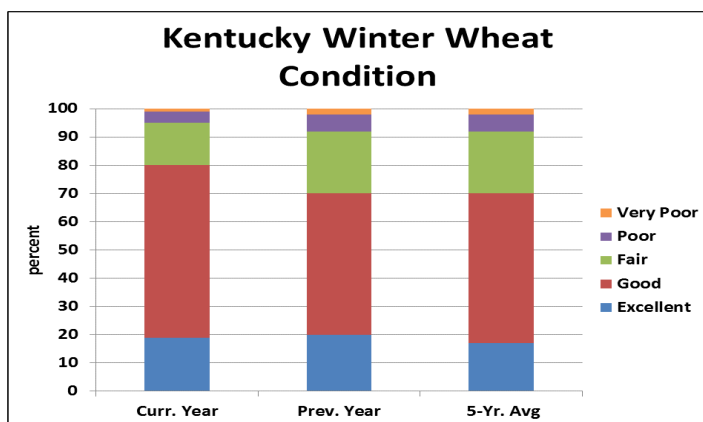
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	85	64	73	73
Corn Emerged	55	24	47	55
Soybeans Planted	25	9	13	21
Soybeans Emerged	4	-	4	9
Tobacco Set	27	8	19	18
Winter Wheat Headed	87	65	73	84

- Represents zero or not available.

**CROP CONDITIONS for week ending 05/17/15**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	11	68	18
Pasture	2	6	22	59	11
Wheat	1	4	15	61	19





**Kentucky Climate Summary  
For the Period May 11, 2015 to May 17, 2015**

Above Normal Temperatures and Rainfall:

The Commonwealth got some much needed rainfall this past period after the first couple weeks of May brought extremely dry conditions. Throughout the period, Kentucky saw several rounds of showers and storms. The first came on Monday as storms fired that afternoon and evening within a moist and unstable air mass. The National Weather Service did report some isolated events of damaging winds. Following a cold front that night, noticeably drier and cooler air filtered into the Ohio Valley for the next few days. Activity then once again picked up over the weekend. The most widespread coverage was seen on Saturday. Just between Friday and Sunday, Western Kentucky averaged 1.79 inches of rainfall. Totals diminished farther east with Eastern Kentucky only averaging a little over a half inch through the three day period. Over the entirety of the week, the state was slightly above normal, breaking a streak of three straight weeks with below normal rainfall.

Temperatures for the period averaged 68 degrees across the state which was 4 degrees warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 77 in the West to 79 in the East. Departure from normal high temperatures ranged from near normal in the West to 3 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 temperature ranged from 5 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. The extreme high temperature for the period was 89 degrees at JACKSON and the extreme low was 41 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 1.25 inches statewide which was 0.12 inches above normal and 111% of normal. Precipitation totals by climate division, West 2.06 inches, Central 1.37 inches, Bluegrass 0.81 inches and East 0.75 inches, which was 0.88, 0.19, -0.25 and -0.33 inches respectively from normal. By station, precipitation totals ranged from a low of 0.08 inches at STANFORD 4NE to a high of 4.36 inches at FORT CAMPBELL.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 05/17/15 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 4 In. High	Air High				
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	1.32	25.43	8.63	65	62	85	46	70	4
Berea	0.60	23.99	7.04	67	64	87	44	68	3
Bowling Green	2.00	23.08	3.00	72	66	87	47	71	5
Bristol	0.13	14.03	-1.78	67	64	89	47	71	6
Buckhorn Lake	0.49	20.52	3.05	67	64	86	48	69	4
Cape Girardeau	1.20	22.84	4.31	68	65	84	50	68	0
Campbellsville	1.16	25.49	5.37	65	62	85	44	68	2
Covington	0.76	16.42	0.80	67	64	87	42	66	1
Cumberland Gap	0.14	21.10	1.00	67	64	87	43	69	4
Dix Dam	1.21	22.19	4.65	67	64	88	48	68	3
Evansville	1.22	21.22	4.11	65	62	86	52	68	0
Glasgow	1.09	23.53	3.10	72	66	84	45	69	3
Grayson	1.04	23.54	8.41	67	64	87	43	67	2
Hardinsburg	1.58	20.94	1.99	67	64	87	42	67	1
Henderson	0.92	18.72	1.08	65	62	86	48	68	0
Huntington	0.72	20.68	5.63	72	66	87	45	68	3
Jackson	0.76	23.20	5.41	67	64	89	48	70	5
Lexington	0.90	23.72	6.92	67	64	89	46	69	4
London	0.55	18.81	1.05	67	64	88	47	70	5
Louisville	1.12	22.18	4.60	67	64	88	52	71	5
Mayfield	1.60	22.29	0.71	65	62	85	43	68	0
Nashville	0.75	18.30	-1.01	72	66	87	53	73	7
Nolin Lake	1.74	26.17	6.61	67	64	89	47	72	6
Paducah	1.68	23.55	3.74	72	67	88	46	69	1
Princeton	1.55	21.54	0.85	72	67	87	44	68	0
Quicksand	0.40	22.11	4.32	67	64	87	42	68	3
Somerseset	0.38	23.23	4.01	67	64	85	44	67	2
Spindletop	0.70	26.48	9.68	67	64	88	46	68	3
Williamstown	0.97	20.18	3.60	67	64	85	46	66	1

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