



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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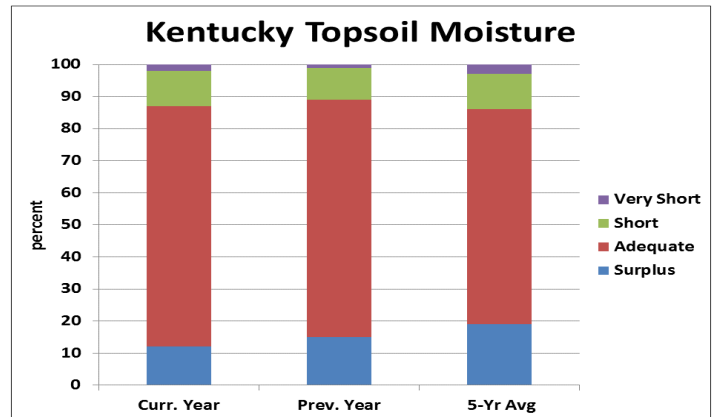
Issue: 13-15

Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 1.06 inches, 0.05 inches below normal. Temperatures averaged 72 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 11 percent short, 75 percent adequate and 12 percent surplus. **Subsoil moisture** was rated 2 percent very short, 10 percent short, 77 percent adequate, and 11 percent surplus. Days suitable for fieldwork averaged 3.6 out of a possible seven.

Primary activities this week included planting corn, soybeans and tobacco, side dressing crops with fertilizer, along with cutting and baling hay as weather allowed. Planting progress was hampered in some areas due to wet conditions, but other locations remain dry and in need of rain. Recent rain and wind caused wheat to lodge in certain areas, especially where growth regulators were not used. The average height of emerged corn was 11 inches, compared to 6 inches last week, with eighty-one percent rated as good to excellent. There are reports of corn yellowing, uneven stands and replanting due to weather issues. Hay and roughage supplies were reported as 2 percent very short, 13 percent short, 79 percent adequate, and 6 percent surplus.

SOIL MOISTURE for week ending 05/31/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	11	75	12
Subsoil	2	10	77	11



CROP PROGRESS for week ending 05/31/15

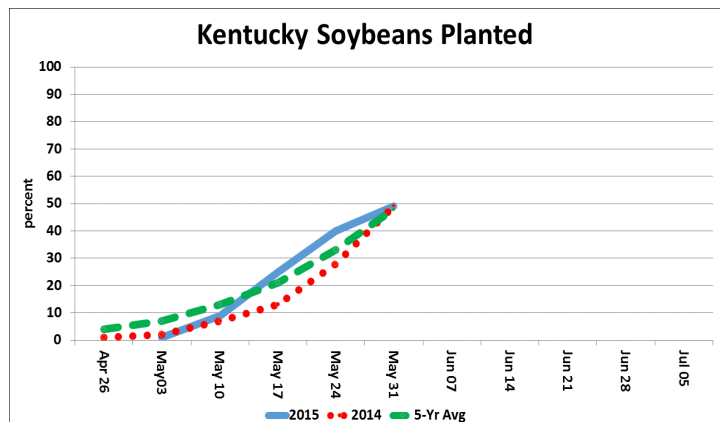
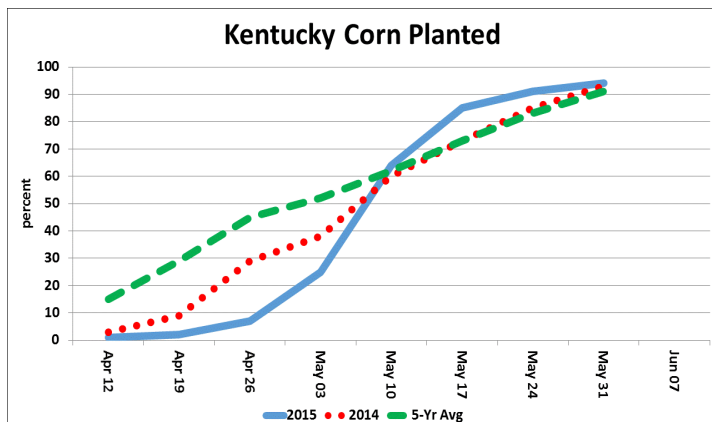
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	94	91	93	91
Corn Emerged	82	71	79	79
Soybeans Planted	49	40	49	48
Soybeans Emerged	28	19	29	32
Tobacco Set	56	44	57	49
Winter Wheat Coloring	40	-	-	-

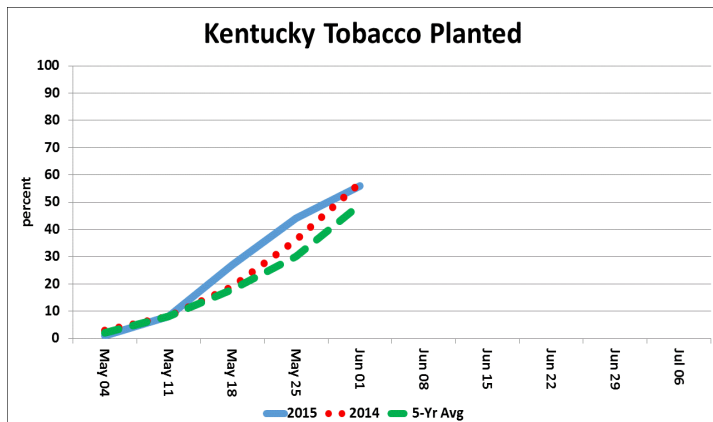
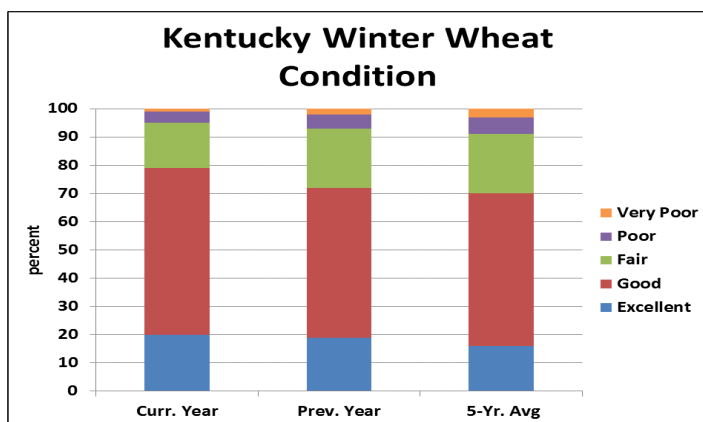
- Represents data not available.

CROP CONDITIONS for week ending 05/31/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	15	63	18
Hay	1	3	21	64	11
Livestock	1	2	14	69	14
Pasture	1	5	21	63	10
Tobacco Set	-	2	20	66	12
Wheat	1	4	16	59	20

- Represents zero.





**Kentucky Climate Summary
For the Period May 25, 2015 to May 31, 2015**

Above Normal Temperatures and Below Normal Rainfall:

The last week of May brought the chance of showers and storms on a daily basis. Throughout much of the period, the Commonwealth laid within a moist and unstable air mass. While coverage was often scattered each day, most saw rainfall at some point. The majority of the week saw storms remain below severe limits, but with dew points in the 60s, any storms that did develop were efficient rainfall producers. Even though it was a rather active week, the state saw slightly below normal rainfall overall. Five of the past six weeks have now seen below normal rainfall. Temperatures remained elevated through most of the week with highs typically in the low to mid 80s and lows only dropping into the 60s.

Temperatures for the period averaged 72 degrees across the state which was 4 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 79 in the West to 83 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at BURKESVILLE 3W and the extreme low was 52 degrees at JACKSON 3SE.

Precipitation (liq. equ.) for the period totaled 1.06 inches statewide which was 0.05 inches below normal and 95% of normal. Precipitation totals by climate division, West 1.29 inches, Central 1.24 inches, Bluegrass 1.01 inches and East 0.72 inches, which was 0.19, 0.08, -0.07 and -0.40 inches respectively from normal. By station, precipitation totals ranged from a low of 0.20 inches at TRIANGLE MOUNTAIN to a high of 2.34 inches at ELKTON 5SW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/31/15 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures					Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil 4 In. High	Air High		Wkly. Avg.		
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.55	26.06	7.24	68	64	84	61	73	3
Berea	1.10	25.36	6.24	68	64	86	58	74	5
Bowling Green	0.76	24.04	1.73	73	69	87	64	74	4
Bristol	0.03	14.32	-3.25	68	64	89	54	74	5
Buckhorn Lake	0.41	21.74	2.41	68	64	86	62	74	5
Cape Girardeau	0.89	25.38	4.51	68	64	84	60	72	0
Campbellsville	2.20	28.02	5.56	68	64	83	60	72	2
Covington	0.89	17.32	-0.23	68	64	85	62	72	3
Cumberland Gap	1.44	22.88	0.61	68	64	86	56	72	3
Dix Dam	1.84	24.07	4.39	68	64	84	60	73	4
Evansville	0.88	22.43	3.17	68	64	85	55	72	0
Glasgow	1.51	25.22	2.50	73	69	82	63	72	2
Grayson	1.08	24.85	7.80	68	64	86	55	72	3
Hardinsburg	0.94	22.43	1.28	68	64	83	59	70	0
Henderson	1.25	20.84	1.15	68	64	84	56	71	-1
Huntington	0.38	21.13	4.16	73	69	88	58	74	5
Jackson	0.46	24.14	4.33	68	64	85	62	74	5
Lexington	1.16	24.89	6.07	68	64	85	60	73	4
London	0.93	19.83	0.15	68	64	87	61	74	5
Louisville	0.84	23.05	3.38	68	64	87	63	74	4
Mayfield	2.06	25.17	1.33	68	64	83	61	72	0
Nashville	2.25	21.11	-0.40	73	69	85	65	74	4
Nolin Lake	1.58	28.26	6.23	68	64	87	62	75	5
Paducah	1.08	25.49	3.45	73	69	85	60	72	0
Princeton	1.46	23.40	0.47	73	69	83	61	72	0
Quicksand	0.76	24.12	4.31	68	64	87	52	73	4
Somersets	1.06	24.39	2.88	68	64	84	58	72	3
Spindletop	2.06	28.80	9.98	68	64	86	61	74	5
Williamstown	0.53	20.72	2.15	68	64	83	60	72	3

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