



Crop Progress and Condition

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In Cooperation with:

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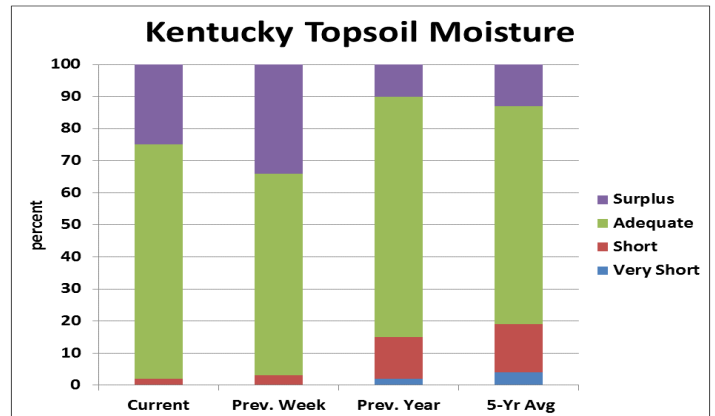
Agricultural News: Kentucky experienced above normal temperatures and near normal rainfall over the past week. Precipitation for the week totaled 1.18 inches, 0.08 inches above normal. Temperatures averaged 74 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 2 percent short, 73 percent adequate and 25 percent surplus. **Subsoil moisture** was rated 3 percent short, 75 percent adequate, and 22 percent surplus. Days suitable for fieldwork averaged 4.4 out of a possible seven.

Planting of crops is still running behind normal due to wet conditions. Primary activities this week included setting tobacco, harvesting hay, and planting corn and soybeans when conditions allowed. Some corn fields were side dressed this week. The average height of emerged corn was 16 inches, compared to 14 inches last year. Weather conditions have not been favorable for harvesting hay in many areas as quality continues to be a concern for some producers.

SOIL MOISTURE for week ending 06/05/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	2	73	25
Subsoil	-	3	75	22

- Represents zero.



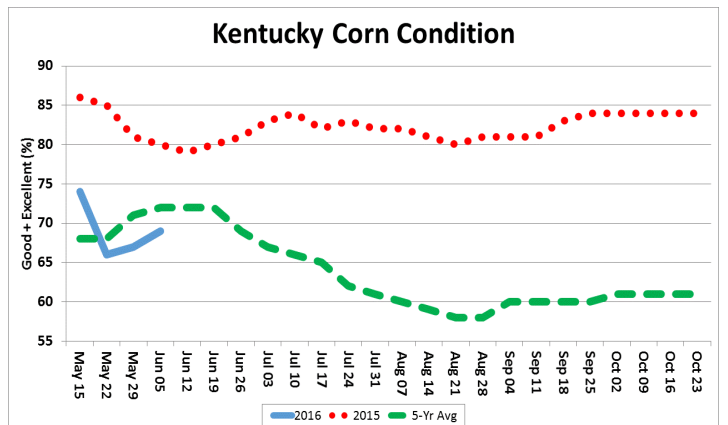
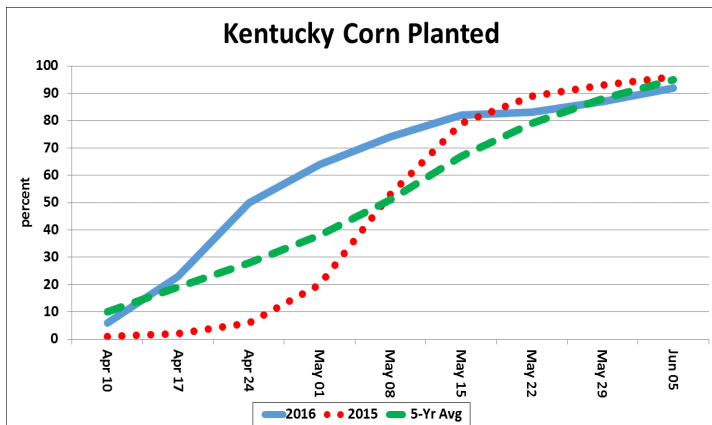
CROP PROGRESS for week ending 06/05/16

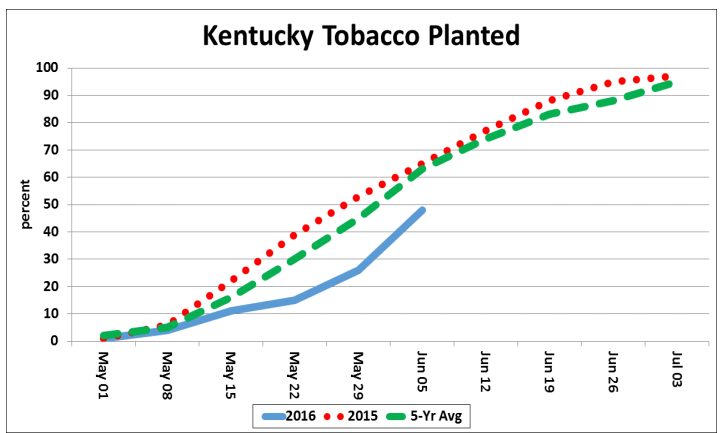
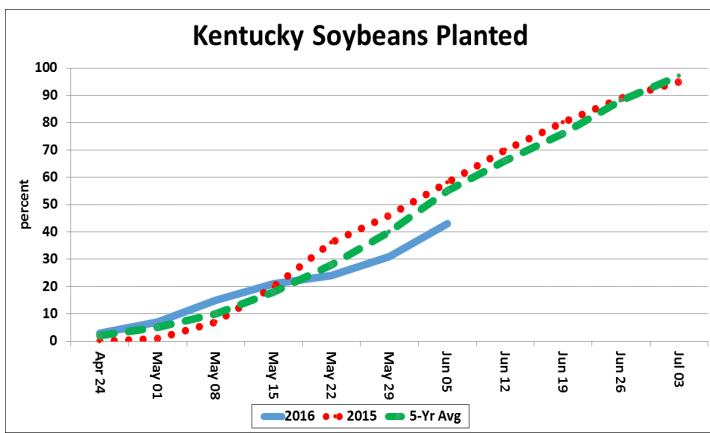
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	92	87	96	95
Corn Emerged	84	77	88	84
Soybeans Planted	43	31	58	55
Soybeans Emerged	28	20	38	37
Tobacco Set	48	26	65	63
Winter Wheat Coloring	70	30	61	-
Winter Wheat Mature	13	-	4	-

- Represents zero or not available.

CROP CONDITIONS for week ending 06/05/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	6	23	55	14
Pasture	1	5	20	62	12
Soybeans	1	4	22	65	8
Tobacco Set	1	3	29	60	7
Wheat	1	3	13	62	21





**Kentucky Climate Summary
For the Period May 30, 2016 to June 5, 2016**

Above Normal Temperatures and Near Normal Rainfall:

Similar to the previous period, conditions remained warm and muggy for much of this past week. Temperatures were 4 degrees above normal as highs jumped into the 80s each day, along with lows only dropping into the 60s. A handful of locations even hit the 90-degree mark. High dew points accompanied the warm temperatures, making for a very humid air mass. As showers and storms fired over the second half of the work week and into the weekend, the moist atmosphere allowed for torrential rainfall at times, leading to some short lived flooding for a few locations. Some sites reported seeing more than an inch of rainfall in less than an hour. Overall, the Bluegrass and Eastern Kentucky each saw above normal rainfall, while Western and Central Kentucky were slightly below normal for the week.

Temperatures for the period averaged 74 degrees across the state which was 4 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 83 in the West to 84 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 65 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at PEABODY and the extreme low was 56 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 1.18 inches statewide which was 0.08 inches above normal and 108% of normal. Precipitation totals by climate division, West 1.00 inches, Central 0.81 inches, Bluegrass 1.37 inches and East 1.52 inches, which was -0.07, -0.31, 0.28 and 0.42 inches respectively from normal. By station, precipitation totals ranged from a low of 0.16 inches at PIKEVILLE 13S to a high of 3.71 inches at MOREHEAD 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/29/16 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	0.33	9.72	6.16	0.76	2.23	88	62	74	3	170	826	-84
Berea	1.18	11.31	6.48	1.58	2.25	88	57	74	4	164	746	-199
Bowling Green	0.48	7.68	5.60	-2.28	1.24	90	63	77	6	188	969	31
Bristol	0.81	9.13	4.83	1.34	1.35	90	57	73	3	162	830	-15
Buckhorn Lake	0.91	10.77	4.26	2.22	0.52	87	59	73	3	161	806	-28
Cape Girardeau	0.61	13.65	8.95	3.45	4.52	88	60	74	1	168	891	-98
Campbellsville	1.27	13.45	7.77	2.83	3.23	86	58	73	2	158	772	-162
Covington	0.29	8.34	2.48	-0.33	-1.34	87	62	74	4	169	738	-51
Cumberland Gap	0.57	11.69	4.72	2.09	0.44	88	58	74	4	166	796	-61
Dix Dam	0.81	11.60	6.23	2.03	2.10	88	60	74	4	168	774	-119
Evansville	1.19	10.73	4.61	1.38	0.50	88	62	74	1	167	802	-113
Glasgow	0.93	12.40	8.70	2.02	4.18	86	62	75	4	173	856	-30
Grayson	3.71	12.07	6.76	3.54	2.96	87	57	73	3	162	742	-39
Hardinsburg	0.84	9.40	5.39	-0.41	1.15	86	60	74	3	165	812	-137
Henderson	0.59	11.51	5.60	2.07	1.59	87	61	74	1	168	871	-94
Huntington	1.40	10.56	4.28	2.08	0.50	91	59	75	5	174	839	-12
Jackson	1.41	12.66	4.54	3.44	0.58	88	62	75	5	172	870	36
Lexington	2.37	12.16	7.96	3.20	4.03	88	60	74	4	170	820	-16
London	0.90	10.09	5.80	1.31	2.04	88	60	74	4	170	832	-34
Louisville	0.49	8.74	4.15	-0.69	0.15	89	67	77	6	188	968	62
Mayfield	2.70	17.15	9.47	6.53	5.19	86	61	74	1	170	887	-114
Nashville	0.66	4.95	2.69	-4.90	-1.53	92	65	78	7	196	1,088	54
Nolin Lake	0.73	9.59	6.30	-1.07	1.58	91	60	76	5	182	991	116
Paducah	1.27	9.80	6.53	-0.82	2.19	90	61	75	2	176	952	-21
Princeton	0.72	11.34	6.83	0.94	2.51	86	60	74	1	168	828	-168
Quicksand	1.77	13.34	5.92	4.12	1.96	89	58	74	4	170	774	-60
Somerset	0.57	11.88	5.66	1.75	1.19	87	59	73	3	162	776	-110
Spindletop	2.73	15.87	10.40	6.91	6.47	89	62	75	5	176	807	-29
Williamstown	1.39	10.18	4.95	0.99	1.05	86	60	72	2	156	724	-100

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