



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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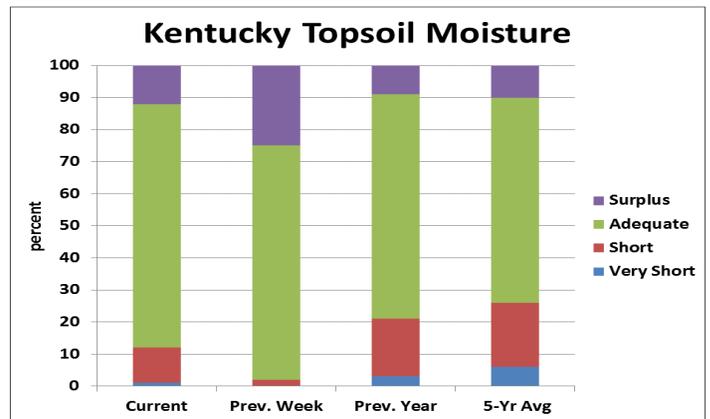
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Agricultural News: Kentucky experienced near normal temperatures and well below normal rainfall over the past week. Precipitation for the week totaled 0.07 inches, 0.97 inches below normal. Temperatures averaged 71 degrees for the week, near normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 76 percent adequate and 12 percent surplus. **Subsoil moisture** was rated 1 percent very short, 7 percent short, 80 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 6.3 out of a possible seven.

Conditions finally allowed producers to make strides in planting crops including corn, soybeans and tobacco. Winter wheat harvest for grain was underway. Planting of double crop beans will begin as soon as wheat is removed from fields. Farmers also took advantage of dry weather to cut and bale a significant amount of hay. Herbicides were being applied and fields were side dressed this week. The average height of emerged corn was 24 inches, compared to 23 inches last year. The average height of tobacco in the field was 6 inches, compared to 8 inches last year. Soils are drying rapidly and farmers are hoping for showers as soon as they get caught up on their field work.

SOIL MOISTURE for week ending 06/12/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	11	76	12
Subsoil	1	7	80	12



CROP PROGRESS for week ending 06/12/16

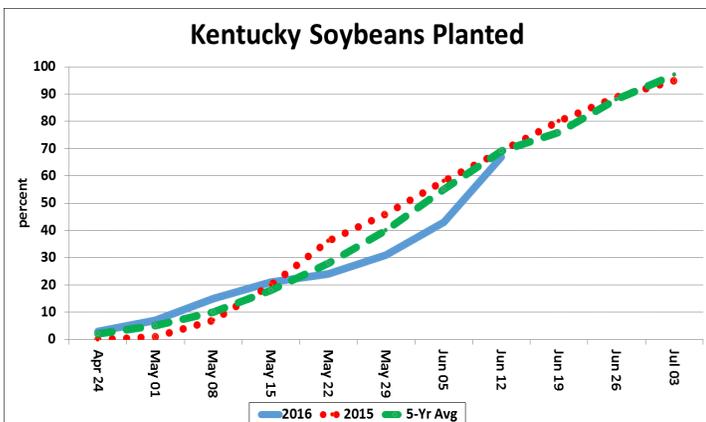
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	96	92	98	98
Corn Emerged	88	84	94	92
Soybeans Planted	67	43	69	69
Soybeans Emerged	41	28	51	52
Tobacco Set	68	48	77	77
Winter Wheat Coloring	91	70	84	-
Winter Wheat Mature	71	13	34	-
Winter Wheat Harvested	15	-	3	17

CROP CONDITIONS for week ending 06/12/16

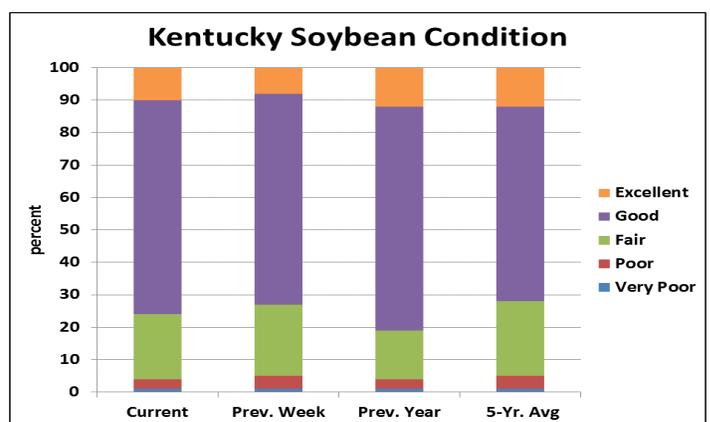
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	6	23	56	13
Pasture	1	5	20	63	11
Soybeans	1	3	20	66	10
Tobacco Set	1	3	25	63	8
Wheat	1	3	13	62	21

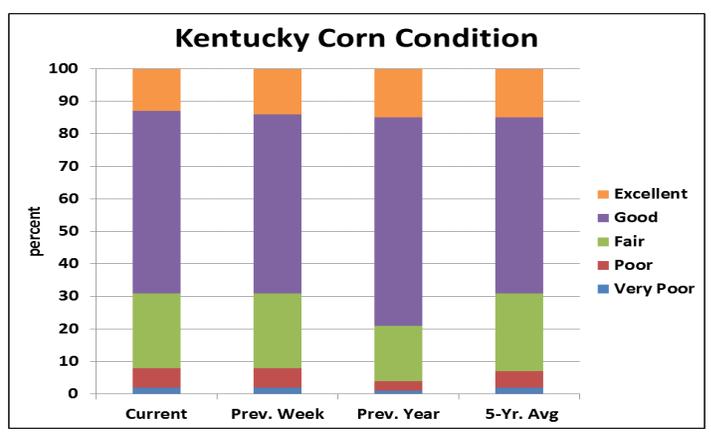
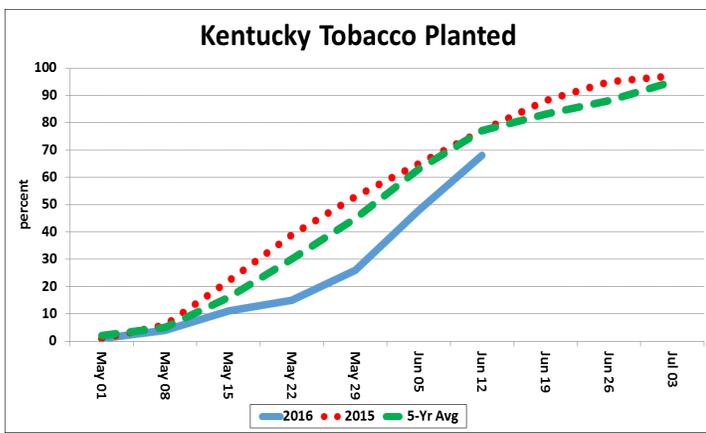
- Represents zero or not available.

Kentucky Soybeans Planted



Kentucky Soybean Condition





**Kentucky Climate Summary
For the Period June 6, 2016 to June 12, 2016**

Near Normal Temperatures and Much Below Normal Rainfall:

Exceptionally hot and humid conditions returned to the Bluegrass State this past weekend, along with an overall very dry week. The period began with a cold front pushing through the area on Monday with a few passing showers and storms. High pressure then moved into Kentucky for the next few days bringing dry conditions, low humidity, and unseasonably cool days with highs only topping out in the 70s. Saying that, the cool spell was short lived as winds shifted to the south by the end of the week, opening the door for the warmest temperatures of the year. Highs rose into the low to mid 90s both Saturday and Sunday, along with increasing humidity. This led to the livestock heat stress index moving into the danger category each afternoon and evening. Another round of showers and storms moved through the northern half of Kentucky on Sunday, but just like Monday, coverage was minimal. For the week, the state only averaged 0.07 inches, with most of the state not seeing any rainfall at all. Based on data at the UK Ag Weather Center, this was the driest week of 2016.

Temperatures for the period averaged 71 degrees across the state which was near normal and 2 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 83 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 60 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 96 degrees at EVANSVILLE ASOS and the extreme low was 44 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.07 inches statewide which was 0.97 inches below normal and 7% of normal. Precipitation totals by climate division, West 0.03 inches, Central 0.02 inches, Bluegrass 0.17 inches and East 0.05 inches, which was 0.96, 1.04, 0.9 and 1.01 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 0.62 inches at LOUISVILLE APT.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/05/16 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
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>				
Bardstown	0.18	9.90	3.60	0.09	-0.17	91	52	72	-1	152	977	-88
Berea	0.07	11.38	4.37	0.73	0.31	90	48	69	-3	134	881	-221
Bowling Green	0.00	7.68	5.42	-3.25	1.20	94	53	74	1	168	1,136	36
Bristol	0.00	9.13	2.13	0.51	-1.30	91	47	70	-2	142	973	-19
Buckhorn Lake	0.06	10.83	2.66	1.31	-1.12	90	48	70	-2	140	946	-25
Cape Girardeau	0.00	13.65	6.82	2.64	2.75	95	55	74	0	170	1,060	-99
Campbellsville	0.00	13.45	5.25	1.86	0.91	90	48	70	-3	136	908	-179
Covington	0.62	8.96	1.78	-0.61	-1.97	92	48	71	-1	148	886	-49
Cumberland Gap	0.00	11.69	2.35	1.10	-1.84	92	45	69	-3	134	930	-69
Dix Dam	0.00	11.60	3.73	1.17	-0.18	91	52	71	-1	148	923	-125
Evansville	0.00	10.73	2.17	0.56	-1.68	96	55	73	-1	164	965	-113
Glasgow	0.00	12.40	6.57	0.95	2.12	91	53	72	-1	152	1,008	-37
Grayson	0.10	12.17	5.46	2.74	1.73	89	47	68	-4	130	872	-44
Hardinsburg	0.00	9.40	3.29	-1.30	-0.74	92	49	71	-2	144	956	-156
Henderson	0.00	11.51	2.02	1.18	-1.84	93	55	74	0	168	1,038	-92
Huntington	0.39	10.95	3.79	1.61	0.11	92	50	71	-1	148	988	-10
Jackson	0.03	12.69	3.20	2.58	-0.64	90	51	71	-1	148	1,018	47
Lexington	0.07	12.23	5.18	2.42	1.41	92	52	72	0	152	971	-16
London	0.00	10.09	3.36	0.46	-0.29	91	48	70	-2	142	975	-37
Louisville	0.62	9.36	3.10	-0.87	-0.67	95	56	75	2	178	1,146	79
Mayfield	0.00	17.15	6.26	5.74	2.33	91	53	72	-2	156	1,044	-122
Nashville	0.00	4.95	2.37	-5.73	-1.58	95	56	75	2	178	1,266	61
Nolin Lake	0.00	9.59	4.72	-1.99	0.32	95	51	73	0	164	1,155	134
Paducah	0.04	9.84	4.07	-1.73	-0.10	95	55	75	1	172	1,124	-17
Princeton	0.00	11.34	4.22	0.04	0.12	93	52	72	-2	156	984	-178
Quicksand	0.04	13.38	4.62	3.27	0.78	91	46	69	-3	134	908	-63
Somerset	0.00	11.88	3.15	0.76	-1.16	89	48	69	-3	134	909	-127
Spindletop	0.02	15.89	6.81	6.08	3.04	92	53	72	0	156	964	-23
Williamstown	0.10	10.28	3.07	0.21	-0.71	89	49	70	-2	140	864	-108

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr1 Weather Center (859) 218-4364.