



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
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Cooperative Extension Service

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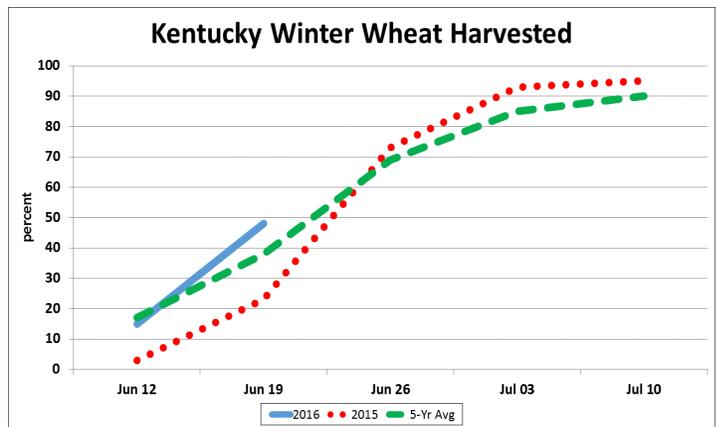
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**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.63 inches, 0.37 inches below normal. Temperatures averaged 76 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 18 percent short, 72 percent adequate and 9 percent surplus. **Subsoil moisture** was rated 1 percent very short, 13 percent short, 78 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 5.8 out of a possible seven.

Primary activities this week included planting soybeans and tobacco. Winter wheat harvest for grain made good progress last week. Planting of double crop beans is underway. Herbicides were being applied and fields continued to be side dressed. The average height of emerged corn was 37 inches, compared to 34 inches last year. The average height of tobacco in the field was 9 inches, compared to 11 inches last year. Some areas have become abnormally dry with soils drying rapidly and showers would be welcomed. Farmers once again took advantage of dry weather to cut and bale a significant amount of hay. Heat is putting stress on cattle, but overall condition is good.

**SOIL MOISTURE for week ending 06/19/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	18	72	9
Subsoil	1	13	78	8



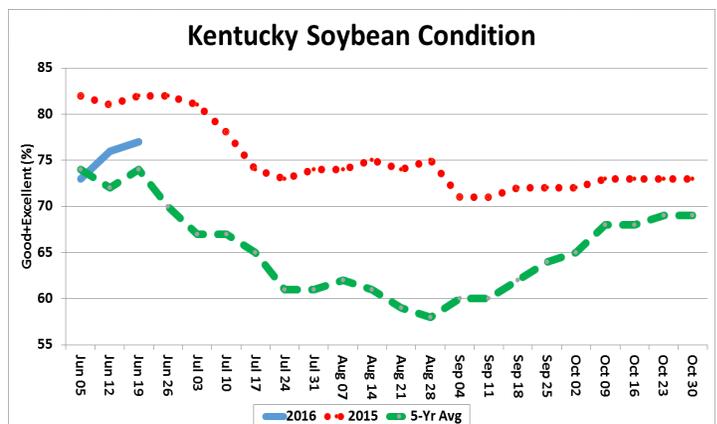
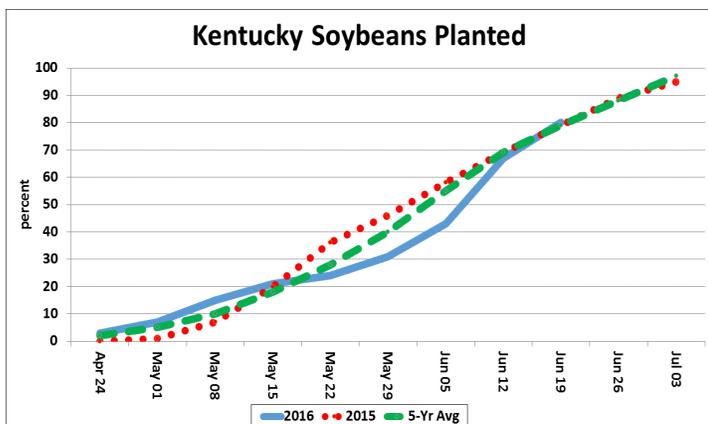
**CROP PROGRESS for week ending 06/19/16**

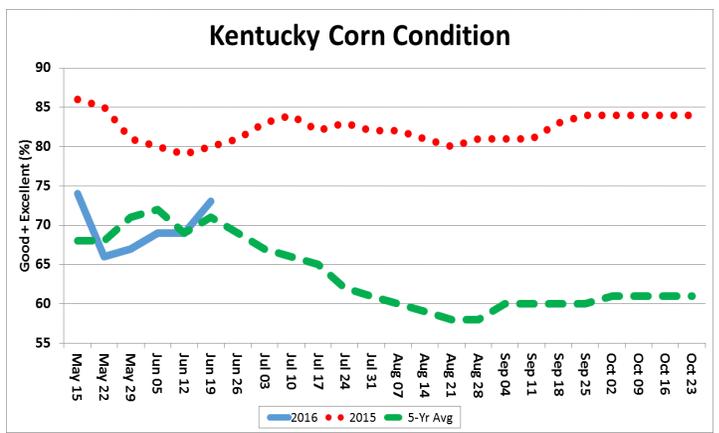
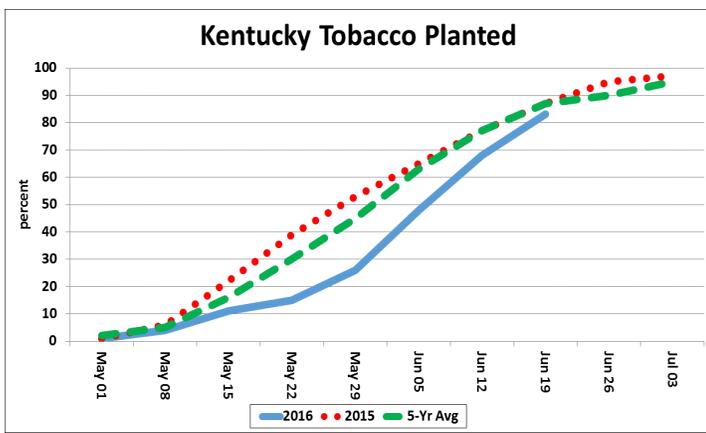
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Emerged	95	88	98	98
Corn Silking	2	-	1	4
Soybeans Planted	80	67	79	79
Soybeans Emerged	58	41	65	67
Tobacco Set	83	68	87	87
Winter Wheat Coloring	97	91	95	-
Winter Wheat Mature	91	71	74	-
Winter Wheat Harvested	48	15	23	38

**CROP CONDITIONS for week ending 06/19/16**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	22	59	14
Pasture	1	5	21	62	11
Soybeans	1	3	19	66	11
Tobacco Set	1	3	23	65	8
Wheat	1	3	12	62	22

- Represents zero or not available.





**Kentucky Climate Summary  
For the Period June 13, 2016 to June 19, 2016**

Above Normal Temperatures and Below Normal Rainfall:

The Commonwealth remained in a warm and muggy pattern this past period, accounting for a fourth straight week of near to above normal temperatures. Temperatures were even a bit warmer than the previous week with highs averaging in the middle 80s to around 90 from east to west. The warmest temperatures were seen on Thursday as the majority of Kentucky rose into the low to middle 90s. Paducah and Fort Campbell saw the first 100 degree readings of the season. The warm temperatures, combined with very humid conditions, pushed the livestock heat stress index into the emergency category across Western and West-Central Kentucky. For the week, the state averaged just over a half inch of rainfall, below normal for a second straight week. Most of the activity was seen Tuesday through Thursday with scattered to numerous coverage in place. As the state was placed in a very moist and unstable air mass, storms were capable of producing torrential rainfall and frequent lightning. Otherwise, high pressure at the surface and aloft kept the area dry Friday and through the weekend.

Temperatures for the period averaged 76 degrees across the state which was 3 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 90 in the West to 86 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 70 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 101 degrees at CAPE GIRARDEAU ASOS and the extreme low was 50 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 0.63 inches statewide which was 0.37 inches below normal and 63% of normal. Precipitation totals by climate division, West 0.66 inches, Central 0.57 inches, Bluegrass 0.89 inches and East 0.39 inches, which was 0.32, 0.43, 0.12 and 0.63 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at JACKSON AIRPORT to a high of 2.08 inches at SHELBYVILLE 10W.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 06/12/16 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	0.00	9.90	1.60	-0.77	-2.02	92	64	77	3	190	1,166	-54
Berea	0.06	11.44	2.48	-0.13	-1.42	92	57	74	1	167	1,048	-211
Bowling Green	0.69	8.37	3.98	-3.53	-0.10	96	67	81	7	216	1,352	91
Bristol	0.32	9.45	1.52	0.01	-1.85	94	55	76	3	178	1,152	12
Buckhorn Lake	0.08	10.91	1.22	0.42	-2.60	90	56	74	1	168	1,114	6
Cape Girardeau	0.40	14.05	6.02	2.23	2.32	101	66	82	6	228	1,288	-42
Campbellsville	0.27	13.72	2.96	1.16	-1.18	92	63	76	2	183	1,091	-149
Covington	0.37	9.33	1.37	-1.13	-2.30	88	60	75	2	176	1,062	-20
Cumberland Gap	0.90	12.59	1.78	1.00	-2.31	92	58	75	2	174	1,104	-38
Dix Dam	1.47	13.07	2.74	1.79	-0.96	92	63	76	3	180	1,104	-99
Evansville	0.20	10.93	1.69	-0.05	-1.90	99	65	80	4	212	1,178	-64
Glasgow	1.65	14.05	5.70	1.53	1.32	92	65	78	4	196	1,204	-1
Grayson	1.94	14.11	5.83	3.79	2.16	90	52	73	0	158	1,030	-20
Hardinsburg	0.51	9.91	2.21	-1.67	-1.60	94	64	78	4	196	1,152	-124
Henderson	1.40	12.91	2.66	1.70	-1.06	96	68	80	4	209	1,248	-47
Huntington	2.17	13.12	4.22	2.92	0.64	92	53	74	1	168	1,156	12
Jackson	0.01	12.70	2.09	1.70	-1.63	91	62	75	2	176	1,194	86
Lexington	0.31	12.54	3.64	1.87	0.02	93	63	77	4	188	1,160	21
London	0.21	10.30	1.62	-0.17	-1.91	92	60	76	3	184	1,160	2
Louisville	1.31	10.67	2.90	-0.37	-0.63	94	67	80	6	207	1,352	124
Mayfield	1.65	18.80	6.12	6.61	2.53	94	66	79	3	205	1,248	-82
Nashville	0.39	5.34	1.34	-6.17	-2.34	98	67	82	8	222	1,488	113
Nolin Lake	0.82	10.41	2.75	-2.08	-1.32	98	63	80	6	210	1,364	196
Paducah	0.28	10.12	3.49	-2.39	-0.51	100	66	82	6	222	1,346	36
Princeton	0.02	11.36	2.45	-0.84	-1.43	96	66	80	4	210	1,194	-134
Quicksand	0.01	13.39	3.56	2.39	-0.16	91	54	73	0	161	1,070	-38
Somerset	0.90	12.78	2.28	0.67	-1.88	91	62	75	2	176	1,085	-100
Spindletop	0.40	16.29	4.65	5.62	1.03	94	63	76	3	185	1,148	9
Williamstown	1.84	12.12	3.61	1.17	-0.06	88	59	73	0	163	1,026	-95

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