



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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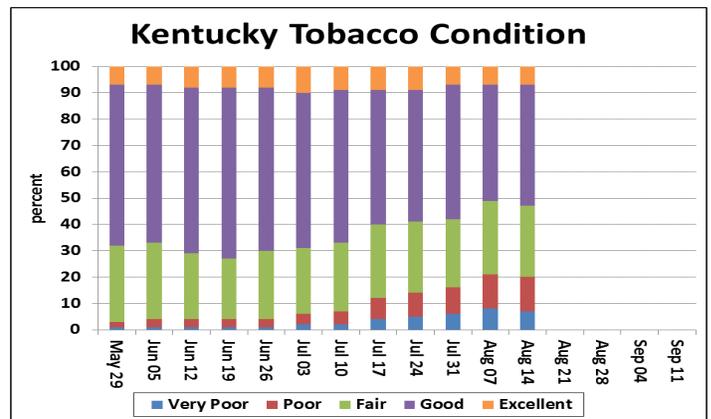
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.50 inches, 0.38 inches below normal. Temperatures averaged 80 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 0 percent very short, 6 percent short, 76 percent adequate and 18 percent surplus. **Subsoil moisture** was rated 0 percent very short, 5 percent short, 79 percent adequate, and 16 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven.

Rain showers in some areas has limited field work. Primary activities this week included cutting hay, topping and cutting tobacco and spraying crops for disease and insect control when conditions allowed. Some corn producers have reported pollination issues in corn due to flooding and high heat. Wet conditions in some locations has seriously impacted tobacco fields, resulting in disease and crop loss. Fifty-three percent of tobacco is rated as good to excellent compared to twenty percent rated as poor to very poor. High heat and humidity continue to put stress on livestock. However, cattle are benefitting from pasture conditions which are holding up well due to the moisture that has been received this year.

SOIL MOISTURE for week ending 08/14/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	6	76	18
Subsoil	-	5	79	16

- Represents zero.



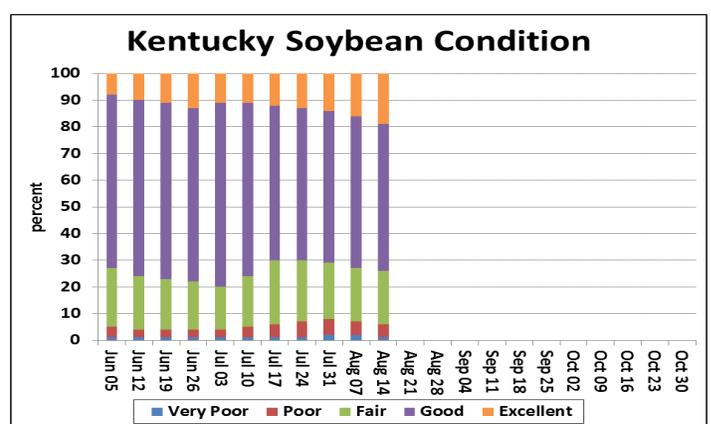
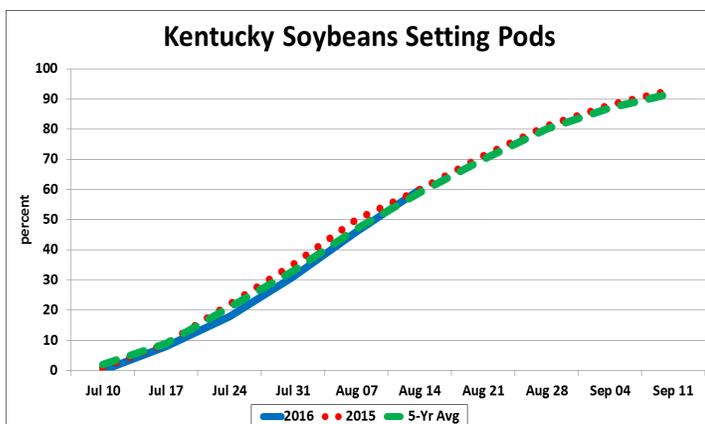
CROP PROGRESS for week ending 08/14/16

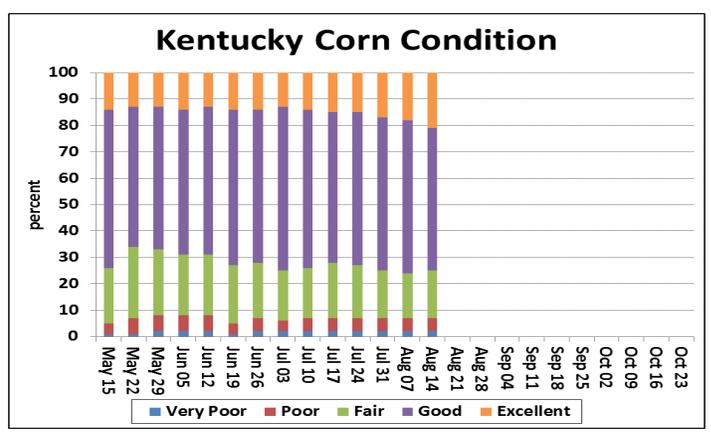
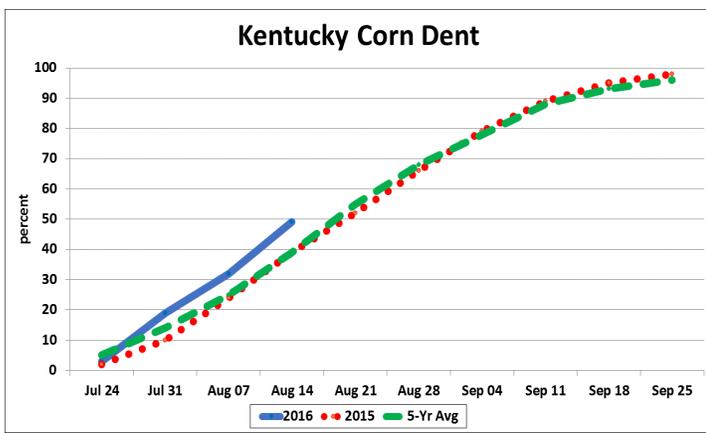
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	97	93	98	96
Corn Milked	86	74	84	81
Corn Dough	70	54	63	60
Corn Dent	49	32	39	39
Corn Mature	5	-	2	9
Soybeans Blooming	81	69	82	80
Soybeans Setting Pods	60	46	60	59
Soybeans Coloring	4	-	3	-
Tobacco Blooming	76	61	82	79
Tobacco Topped	55	37	62	55

- Represents zero or not available.

CROP CONDITIONS for week ending 08/14/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	18	54	21
Pasture	1	6	20	62	11
Soybeans	1	5	20	55	19
Tobacco	7	13	27	46	7





**Kentucky Climate Summary
For the Period August 8, 2016 to August 15, 2016**

Above Normal Temperatures and Below Normal Rainfall:

With the exception of Western Kentucky, much of the Bluegrass State saw below normal rainfall this past week. While Western Kentucky averaged just over an inch, Central and Eastern Kentucky dropped to around a quarter to a third of an inch. Much of the heavier activity and flooding threat stayed west and north of the region. Showers and storms were isolated to scattered in coverage on a daily basis, firing during the day and waning overnight. Heavy rain continued to be the main threat as the Commonwealth remained rooted in a very moist air mass. Dew points stayed in the 70s and combined with warm temperatures to keep the livestock heat stress index in the danger to emergency category. Looking back, the state has now seen 6 straight weeks of above normal temperatures.

Temperatures for the period averaged 80 degrees across the state which was 4 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 87 in the West to 89 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 72 degrees in the West to 71 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at YELLOW CREEK and the extreme low was 55 degrees at FORT KNOX.

Precipitation (liq. equ.) for the period totaled 0.50 inches statewide which was 0.38 inches below normal and 57% of normal. Precipitation totals by climate division, West 1.11 inches, Central 0.29 inches, Bluegrass 0.34 inches and East 0.24 inches, which was 0.29, -0.56, -0.53 and -0.72 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 4.40 inches at POPLAR BLUFF ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/14/16 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	0.38	23.74	5.96	4.96	1.93	91	64	80	5	212	2,736	169
Berea	0.20	24.47	4.82	5.23	1.02	89	65	79	5	204	2,534	-87
Bowling Green	0.24	22.30	5.91	2.54	2.18	92	68	82	7	224	3,094	427
Bristol	0.01	12.43	0.55	-4.06	-2.83	96	68	81	7	216	2,729	294
Buckhorn Lake	0.44	21.65	3.95	3.15	0.12	90	69	79	5	204	2,598	273
Cape Girardeau	1.24	22.61	5.14	4.40	1.97	92	67	79	2	204	3,002	211
Campbellsville	0.06	22.94	2.74	1.42	-1.75	90	65	80	5	206	2,618	20
Covington	0.10	16.13	3.30	-1.49	-0.13	92	68	81	7	217	2,612	220
Cumberland Gap	0.14	26.65	5.02	6.27	0.68	91	68	79	5	204	2,645	229
Dix Dam	0.00	20.80	0.06	1.45	-3.94	91	62	76	2	186	2,589	32
Evansville	2.01	25.13	5.22	7.43	1.99	91	67	80	3	210	2,838	185
Glasgow	0.41	31.82	5.13	10.48	0.91	90	66	80	5	212	2,800	219
Grayson	0.38	25.69	6.41	7.41	2.52	89	61	79	5	203	2,494	219
Hardinsburg	0.45	28.32	11.83	8.87	7.97	89	65	79	4	205	2,728	49
Henderson	0.23	24.27	4.78	6.15	1.50	92	66	80	3	208	2,864	159
Huntington	0.09	22.32	2.65	4.05	-1.36	93	64	81	7	219	2,702	250
Jackson	0.57	25.36	4.85	5.90	0.67	90	70	80	6	214	2,744	419
Lexington	0.20	23.08	5.80	4.30	1.77	91	65	81	7	218	2,762	281
London	0.12	21.86	4.79	3.81	1.15	92	69	80	6	209	2,742	289
Louisville	0.70	19.12	4.04	0.70	0.40	92	68	83	8	229	3,091	446
Mayfield	0.39	25.51	5.42	5.86	1.66	90	69	80	3	207	2,892	183
Nashville	0.87	15.73	3.06	-2.62	-0.30	93	71	83	8	228	3,280	433
Nolin Lake	0.02	26.90	3.38	6.23	-0.59	97	65	83	8	228	3,089	629
Paducah	0.05	24.51	7.41	4.81	4.01	92	68	81	4	216	3,100	345
Princeton	0.20	27.10	4.57	7.39	0.82	90	68	80	3	207	2,837	89
Quicksand	0.71	26.49	4.02	7.03	-0.16	92	68	80	6	213	2,622	297
Somersset	0.01	26.58	6.86	6.26	2.88	91	66	79	5	206	2,610	124
Spindletop	0.30	26.68	5.25	7.90	1.22	93	65	82	8	222	2,784	303
Williamstown	0.04	21.24	2.88	2.70	-0.85	89	64	79	5	202	2,480	52

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