



Crop Progress and Condition

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In Cooperation with:

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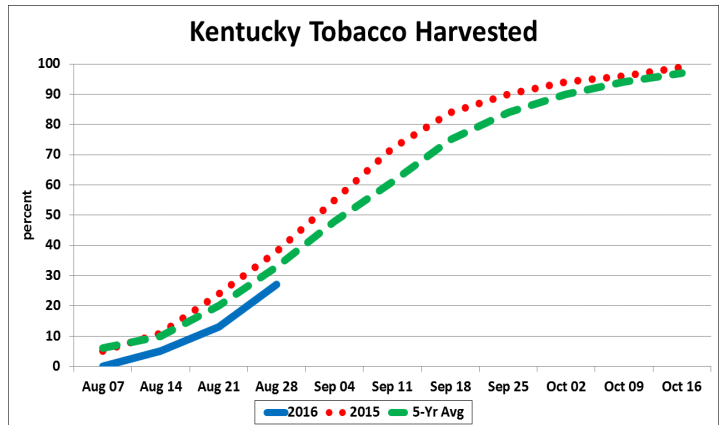
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.33 inches, 0.47 inches below normal. Temperatures averaged 77 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 0 percent very short, 4 percent short, 77 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 0 percent very short, 5 percent short, 76 percent adequate, and 19 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included cutting hay, topping and cutting tobacco. Disease and insect pressure continues for field crops. Soybeans were sprayed with fungicides and insecticides where needed. Some tobacco fields are a complete loss due to wet weather and disease. The corn harvest has begun in a few areas. Pasture conditions remain in mostly good to excellent condition. Hot and humid weather continues to be stressful for livestock. Producers are getting equipment ready for the upcoming harvest.

SOIL MOISTURE for week ending 08/28/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	77	19
Subsoil	-	5	76	19

- Represents zero.



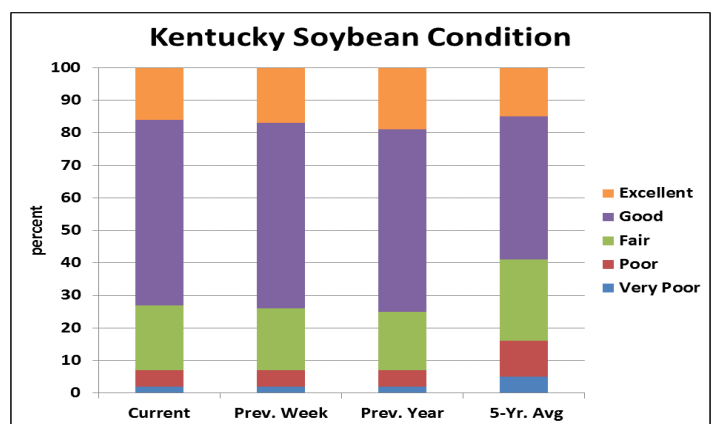
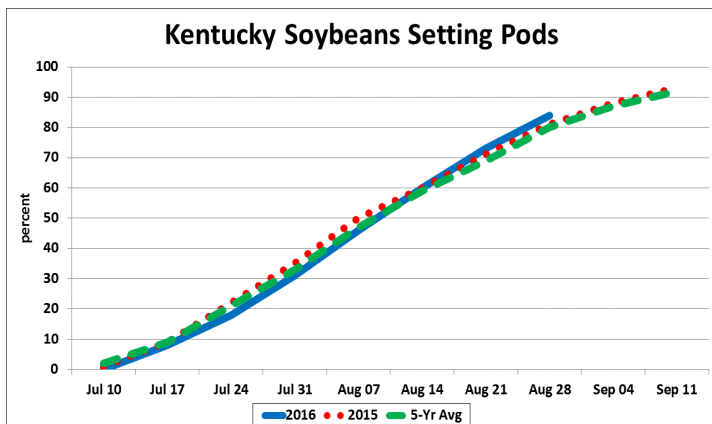
CROP PROGRESS for week ending 08/28/16

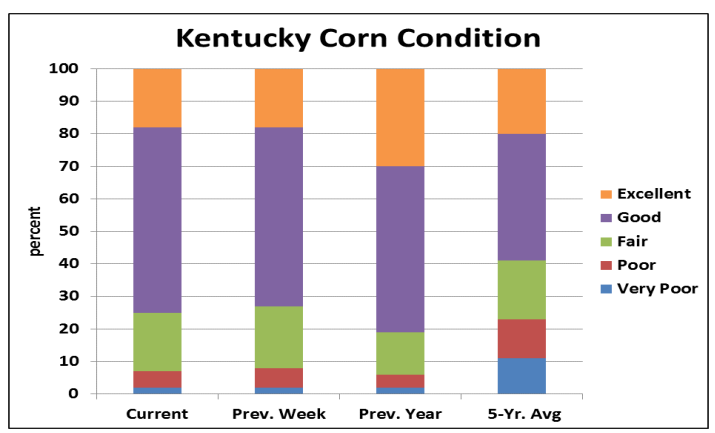
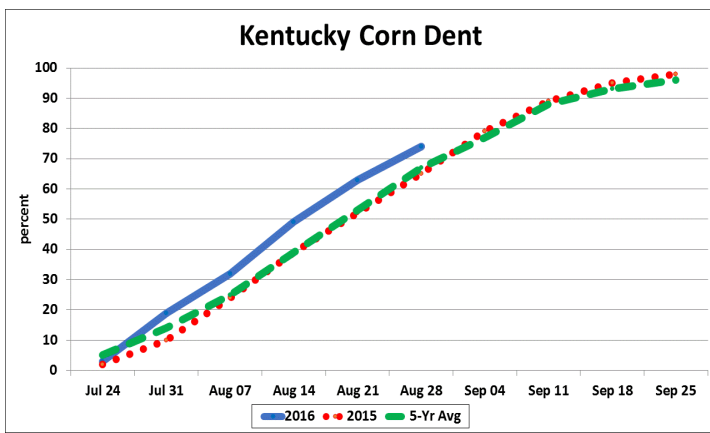
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	95	91	96	94
Corn Dough	88	80	83	83
Corn Dent	74	63	65	67
Corn Mature	33	18	25	31
Corn Harvested	2	-	1	6
Soybeans Blooming	95	89	94	94
Soybeans Setting Pods	84	73	81	80
Soybeans Coloring	16	9	15	-
Soybeans Dropping Leaves	2	-	1	5
Tobacco Blooming	93	86	96	95
Tobacco Topped	81	69	83	79
Tobacco Cut	27	13	38	33

- Represents zero or not available.

CROP CONDITIONS for week ending 08/28/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	18	57	18
Pasture	1	6	20	62	11
Soybeans	2	5	20	57	16
Tobacco	8	13	28	44	7





**Kentucky Climate Summary
For the Period August 22, 2016 to August 28, 2016**

Above Normal Temperatures and Below Normal Rainfall:

High pressure at the surface and aloft led to a mostly dry week for the Commonwealth. The state only averaged a little over a quarter of an inch for the week, which was about a half inch below normal. After a couple dry days on Monday and Tuesday, rainfall remained isolated to scattered in coverage for the rest of the week. While it was mostly dry, summertime temperatures and humidity made a return. Highs were only in the upper 70s to middle 80s on Monday, but the cooler temperatures were short lived. As high pressure moved east on Tuesday, winds shifted to the south, opening the door to a warming trend and much more humid conditions. Heat indices increased to around 100 by late in the work week and into the weekend with highs topping out in the low to middle 90s, once again creating stressful conditions for livestock. This pushed the Bluegrass State to an eighth straight week of near to above normal temperatures.

Temperatures for the period averaged 77 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 88 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 68 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at KOOMER RIDGE and the extreme low was 53 degrees at RICHMOND 8E.

Precipitation (liq. equ.) for the period totaled 0.30 inches statewide which was 0.47 inches below normal and 39% of normal. Precipitation totals by climate division, West 0.59 inches, Central 0.18 inches, Bluegrass 0.40 inches and East 0.05 inches, which was 0.11, 0.61, 0.36 and 0.77 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BARBOURVILLE 3E to a high of 3.22 inches at ALEXANDRIA 5NW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/28/16 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>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	1.14	27.29	6.01	6.73	2.46	93	59	77	4	190	3,112	211
Berea	0.21	26.29	3.36	5.25	-0.24	93	53	75	3	174	2,894	-67
Bowling Green	0.40	25.95	5.16	4.61	1.99	95	59	80	7	208	3,506	492
Bristol	0.00	14.93	2.53	-2.99	-0.33	92	61	76	4	184	3,101	341
Buckhorn Lake	0.01	24.34	4.86	4.19	1.56	91	56	75	3	177	2,954	323
Cape Girardeau	0.00	25.86	5.95	6.08	2.80	93	59	79	5	200	3,386	241
Campbellsville	0.41	27.22	5.02	3.63	0.89	92	55	76	3	182	2,986	50
Covington	0.66	21.34	5.74	2.20	2.71	93	56	77	5	191	2,988	272
Cumberland Gap	0.00	28.79	2.96	6.46	-0.95	93	57	76	4	184	3,018	279
Dix Dam	0.00	23.58	2.78	2.47	-0.74	94	58	78	6	196	2,974	80
Evansville	0.14	26.46	3.34	7.35	0.53	93	59	79	5	200	3,225	229
Glasgow	0.05	35.15	4.21	11.99	0.57	92	58	78	5	192	3,180	258
Grayson	0.03	28.62	4.70	8.64	1.31	92	55	75	3	178	2,858	268
Hardinsburg	0.01	32.34	5.64	11.19	2.23	92	56	77	4	188	3,098	75
Henderson	0.47	27.59	3.76	8.04	0.90	94	58	78	4	196	3,250	201
Huntington	0.00	24.65	3.08	4.60	-0.48	95	56	77	5	187	3,086	308
Jackson	0.00	29.06	6.45	7.79	2.83	92	59	77	5	190	3,118	487
Lexington	0.00	25.86	6.53	5.30	2.98	94	58	78	6	196	3,148	334
London	0.03	24.90	4.99	5.35	2.00	93	56	76	4	184	3,114	338
Louisville	0.01	22.84	5.69	2.82	2.49	96	63	81	8	217	3,514	517
Mayfield	0.83	28.42	4.71	7.04	1.25	91	59	78	4	198	3,278	227
Nashville	0.00	16.70	2.72	-3.22	-0.41	96	61	77	4	186	3,666	452
Nolin Lake	0.00	30.45	5.20	8.08	1.81	95	59	80	7	207	3,500	716
Paducah	0.79	28.00	9.60	6.79	6.58	95	58	79	5	204	3,497	390
Princeton	0.54	30.89	5.37	9.37	1.75	90	58	77	3	192	3,215	114
Quicksand	0.01	29.19	5.59	7.92	1.97	93	58	77	5	186	2,996	365
Somerseset	0.08	29.30	4.55	7.21	1.01	92	56	76	4	182	2,976	166
Spindletop	0.74	29.63	3.97	9.07	0.42	97	58	79	7	200	3,178	364
Williamstown	0.12	23.31	3.24	3.08	-0.13	91	56	76	4	182	2,841	89

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