



# Crop Progress and Condition

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**In Cooperation with:**

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

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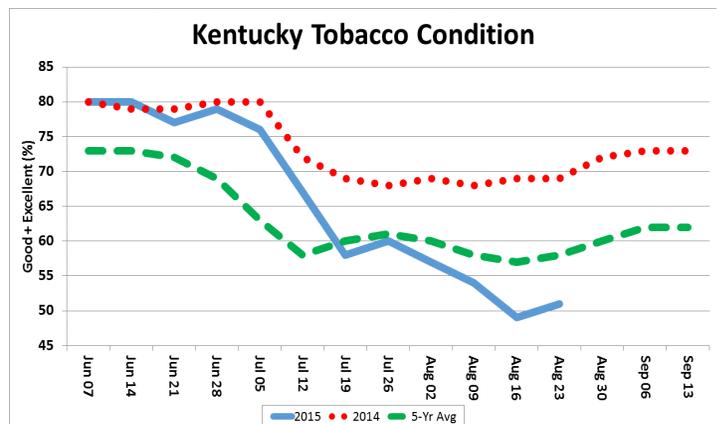
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**Agricultural News:** Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.02 inches, 0.17 inches above normal. Temperatures averaged 73 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 78 percent adequate and 10 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 82 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

Primary activities this week included cutting hay, topping and cutting tobacco. Disease and insect pressure continues for field crops. Some locations are in need of rain as crops are showing signs of lack of moisture. Early planted corn is beginning to dry down in some areas. There is some concern over the possibility of weak corn stalks this fall due to growing conditions this year. Pasture conditions remain in mostly good to excellent condition. Producers are getting equipment ready for the upcoming harvest.

**SOIL MOISTURE for week ending 08/23/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	11	78	10
Subsoil	1	9	82	8



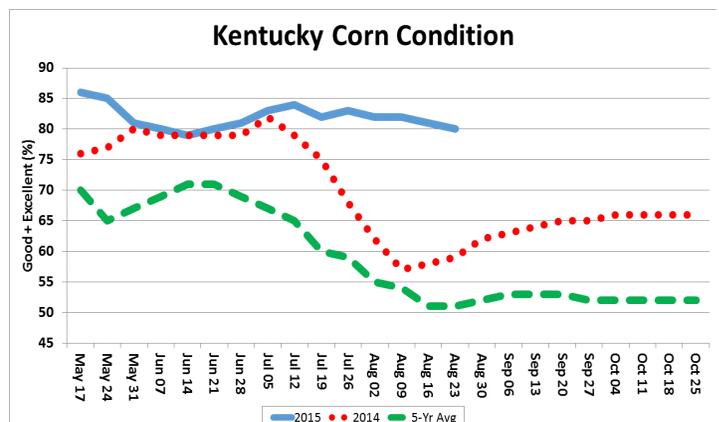
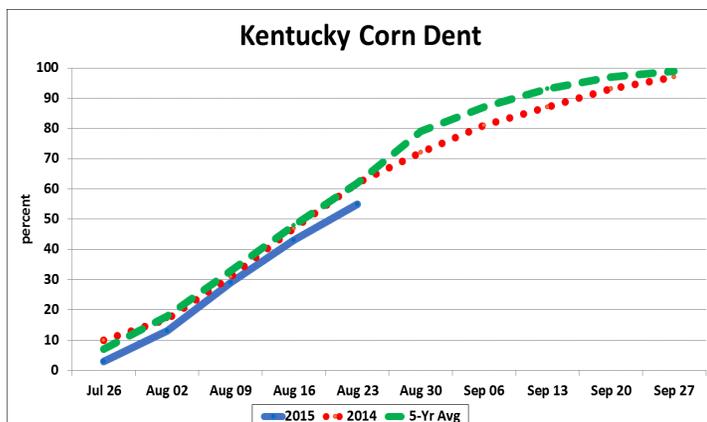
**CROP PROGRESS for week ending 08/23/15**

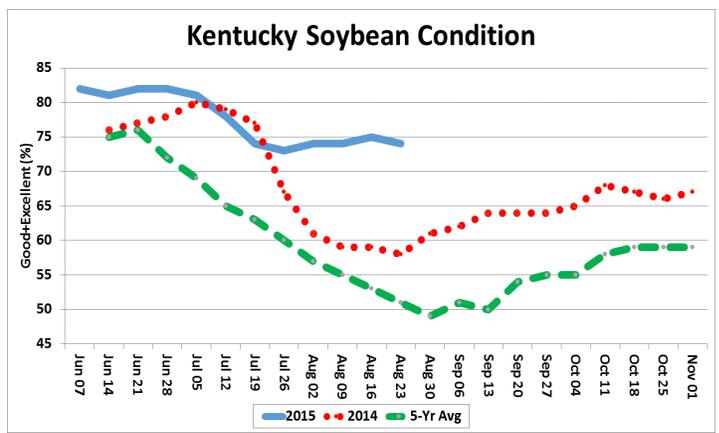
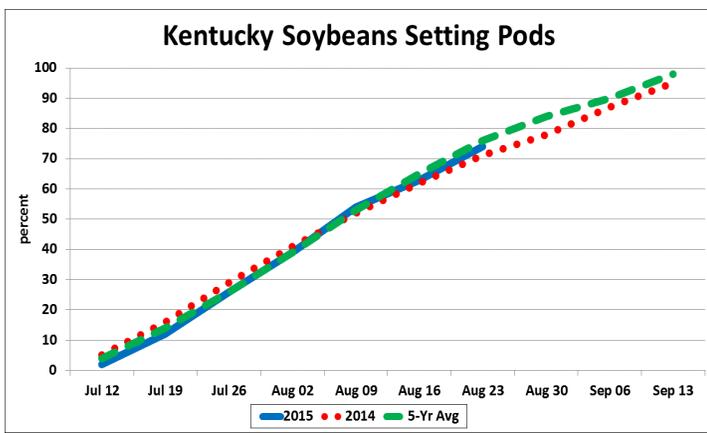
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	92	87	91	92
Corn Dough	78	66	79	79
Corn Dent	55	43	62	62
Corn Mature	15	3	19	26
Soybeans Blooming	90	84	85	91
Soybeans Setting Pods	74	63	71	76
Soybeans Coloring	9	4	14	-
Tobacco Blooming	92	85	90	92
Tobacco Topped	76	65	73	73
Tobacco Cut	28	14	25	24

- Represents zero or not available.

**CROP CONDITIONS for week ending 08/23/15**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	4	14	49	31
Pasture	1	4	18	62	15
Soybeans	2	5	19	56	18
Tobacco Set	7	15	27	43	8





**Kentucky Climate Summary  
For the Period August 17, 2015 to August 23, 2015**

Below Normal Temperatures and Above Normal Rainfall:

Behind a rather active first half of the work week, much of the Bluegrass State saw near to above normal rainfall this past period. Most of the activity was seen on Wednesday, ahead of a cold front passing through the Ohio Valley. Multiple rounds were seen throughout the day with rainfall coverage increasing to widespread at times. Precipitation came to an end on Thursday with surface high pressure working into Kentucky. A noticeable change came to end the work week with unseasonably low humidity in place and temperatures only rising into the 70s. Dry conditions held on through Saturday, before the Bluegrass and Eastern Kentucky saw isolated to scattered coverage on Sunday.

Temperatures for the period averaged 73 degrees across the state which was 2 degrees cooler than normal and no change to the previous period. High temperatures averaged from 82 in the West to 82 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 64 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at BOWLING GREEN 4E and the extreme low was 52 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 1.02 inches statewide which was 0.17 inches above normal and 120% of normal. Precipitation totals by climate division, West 1.19 inches, Central 0.80 inches, Bluegrass 0.85 inches and East 1.25 inches, which was 0.42, -0.06, -0.01 and 0.33 inches respectively from normal. By station, precipitation totals ranged from a low of 0.01 inches at PEABODY to a high of 2.56 inches at SHEPHERDSVILLE 6SE.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/23/15 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	0.65	31.81	5.07	11.88	1.35	86	51	72	-2	156	2,963	181
Berea	0.25	30.24	2.47	9.84	-1.20	88	54	74	1	170	2,792	-48
Bowling Green	0.24	22.88	1.94	2.11	-1.43	90	56	76	2	182	3,331	441
Bristol	3.72	21.29	6.52	3.88	3.47	89	60	75	2	176	2,992	348
Buckhorn Lake	1.22	24.75	4.04	5.19	0.55	84	53	72	-1	153	2,764	242
Cape Girardeau	0.91	27.22	3.29	8.00	0.13	88	54	74	-1	167	3,274	256
Campbellsville	0.35	27.34	1.96	4.49	-2.30	85	53	72	-2	154	2,834	19
Covington	0.72	21.88	3.59	3.28	0.42	86	54	72	-1	156	2,760	160
Cumberland Gap	1.99	26.20	3.60	4.57	-0.46	85	57	74	1	166	2,893	270
Dix Dam	0.29	33.74	2.68	13.26	-1.01	86	55	73	0	161	2,822	49
Evansville	1.68	25.18	3.53	6.57	0.57	87	57	73	-2	163	3,128	255
Glasgow	0.11	25.64	1.54	3.13	-2.31	87	54	74	0	166	3,030	230
Grayson	0.37	33.04	5.42	13.67	1.85	85	53	72	-1	152	2,652	174
Hardinsburg	2.06	24.66	2.87	4.12	-0.70	87	54	72	-2	156	2,944	44
Henderson	1.43	27.86	3.63	8.82	0.62	88	56	73	-2	162	3,078	152
Huntington	0.28	23.01	1.21	3.60	-2.51	87	54	73	0	160	2,746	84
Jackson	1.88	33.14	5.06	12.51	1.24	85	58	74	1	165	2,933	411
Lexington	0.25	30.28	2.50	10.35	-1.22	88	54	74	1	170	2,886	191
London	1.46	26.01	3.03	6.99	-0.19	86	57	74	1	171	3,078	418
Louisville	0.59	32.49	3.61	13.04	0.26	88	61	76	2	184	3,340	469
Mayfield	0.53	29.14	2.67	8.38	-0.90	87	57	74	-1	164	3,158	229
Nashville	1.17	22.71	4.75	3.35	1.54	91	61	77	3	190	3,434	351
Nolin Lake	0.11	30.37	2.07	8.61	-1.53	92	55	76	2	183	3,323	655
Paducah	0.67	24.24	2.07	3.57	-1.08	89	57	74	-1	172	3,358	377
Princeton	0.91	24.62	3.64	3.74	-0.03	86	55	73	-2	158	3,091	116
Quicksand	1.57	26.41	3.40	5.78	-0.42	86	57	74	1	166	2,854	332
Somerset	0.69	27.22	3.42	5.76	-0.28	86	55	72	-1	156	2,776	82
Spindletop	0.46	38.07	4.17	18.14	0.45	89	57	75	2	172	2,973	278
Williamstown	2.23	29.61	3.67	9.98	0.17	84	55	72	-1	150	2,678	42

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