



# 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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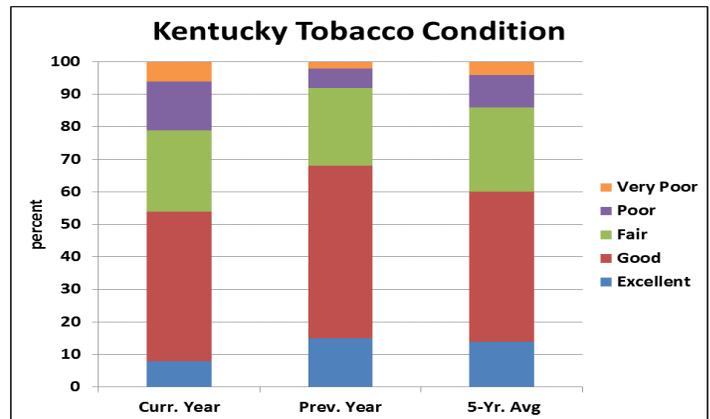
**Agricultural News:** Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.21 inches, 0.27 inches above normal. Temperatures averaged 75 degrees for the week, 1 degrees below normal. **Topsoil moisture** was rated 0 percent very short, 5 percent short, 76 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 0 percent very short, 4 percent short, 80 percent adequate, and 16 percent surplus. Days suitable for fieldwork averaged 4.6 out of a possible seven.

Primary activities this week included cutting hay, topping tobacco and spraying late soybeans for disease and insect control. Tobacco harvest is underway across the state. Excess rainfall has reportedly drowned out some tobacco acreage in low lying areas. Diseases such as target spot and black shank have also taken a toll on some producers as well. Many fields of double crop soybeans are behind normal progress, but single crop beans appear to be at or ahead of normal. Timing of when crops were planted will have an impact on yields as earlier planted crops were impacted less by the abundance of rainfall in late June and July.

**SOIL MOISTURE for week ending 08/09/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	5	76	19
Subsoil	-	4	80	16

- Represents zero.



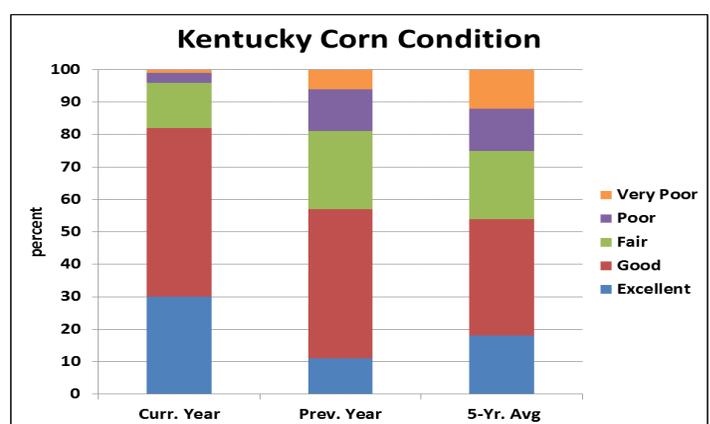
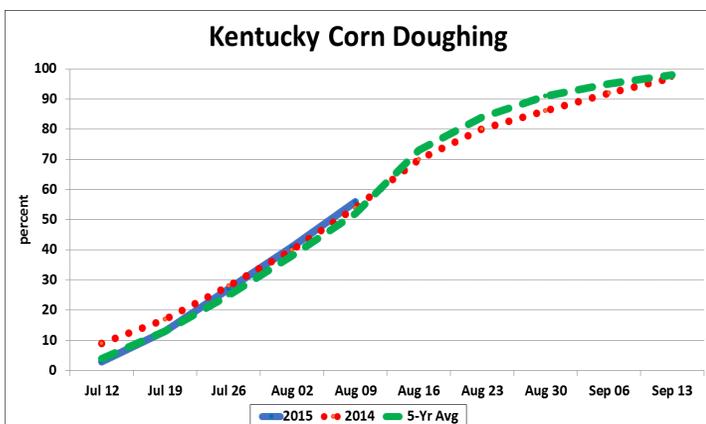
**CROP PROGRESS for week ending 08/09/15**

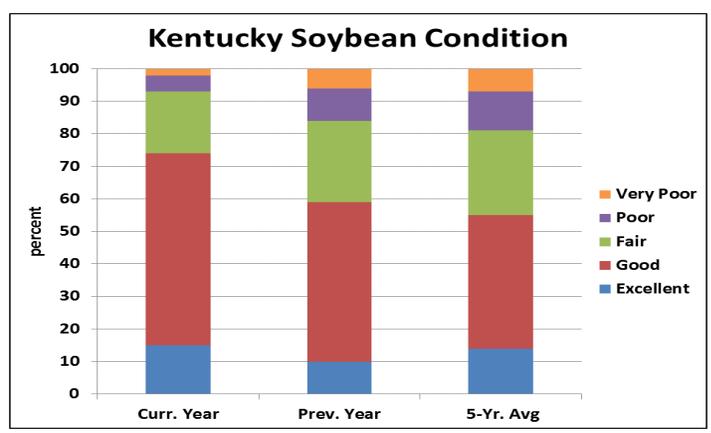
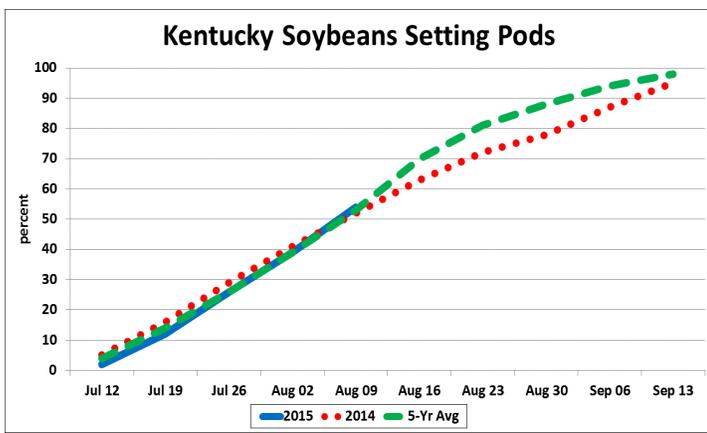
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	96	93	94	92
Corn Milked	77	66	74	74
Corn Dough	56	41	54	52
Corn Dent	29	13	31	33
Soybeans Blooming	77	66	72	76
Soybeans Setting Pods	54	39	52	53
Soybeans Coloring	2	1	3	-
Tobacco Blooming	76	64	75	72
Tobacco Topped	54	40	50	46
Tobacco Cut	5	-	4	3

- Represents zero or not available.

**CROP CONDITIONS for week ending 08/09/15**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	14	52	30
Pasture	1	3	18	62	16
Soybeans	2	5	19	59	15
Tobacco Set	6	15	25	46	8





**Kentucky Climate Summary  
For the Period August 3, 2015 to August 9, 2015**

Below Normal Temperatures and Above Normal Rainfall:

Record July rainfall for the state of Kentucky was followed by an active start to the month of August. The Bluegrass State saw numerous rounds of rainfall through the work week with the most notable coming over the second half. Low pressure slowly made way across the Lower Ohio Valley, leading to repeated waves of precipitation and the threat of more flash flooding. This activity lasted through Thursday night, before dry conditions won out for the weekend. After starting the period with above normal temperatures in place, cloud cover and rainfall brought cooler conditions back to the area. Highs Thursday and Friday only averaged in the mid-70s to low 80s, much below normal for this time of the year. Looking back at July, Kentucky averaged 8.99 inches for the month, which ranks first on the 121 year record going back until 1895.

Temperatures for the period averaged 75 degrees across the state which was 1 degree cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 84 in the West to 84 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 2 degrees cooler 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 2 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at BOWLING GREEN 4E and the extreme low was 57 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.21 inches statewide which was 0.27 inches above normal and 129% of normal. Precipitation totals by climate division, West 1.19 inches, Central 0.94 inches, Bluegrass 1.36 inches and East 1.36 inches, which was 0.29, 0.03, 0.45 and 0.34 inches above normal. By station, precipitation totals ranged from a low of 0.02 inches at PEABODY to a high of 4.31 inches at OWINGSVILLE 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/09/15 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
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	3.83	31.14	7.47	12.99	3.26	89	63	75	0	172	2,643	195
Berea	1.14	29.87	6.37	11.27	2.50	89	61	75	0	172	2,457	-43
Bowling Green	0.56	21.88	1.81	2.69	-2.11	95	65	77	2	192	2,964	421
Bristol	2.17	16.94	5.20	0.96	1.63	93	60	76	1	182	2,643	325
Buckhorn Lake	2.80	23.52	6.30	5.61	2.27	87	60	71	-4	146	2,462	246
Cape Girardeau	1.20	25.55	3.34	7.91	0.16	92	67	79	2	204	2,926	262
Campbellsville	0.87	26.98	5.41	6.19	0.79	90	60	74	-1	168	2,522	45
Covington	1.31	20.59	3.41	3.51	-0.16	86	62	73	-2	161	2,442	165
Cumberland Gap	0.64	23.28	5.25	3.60	0.76	90	58	76	1	179	2,562	261
Dix Dam	1.15	33.11	6.11	14.39	1.94	89	63	74	-1	170	2,506	69
Evansville	1.33	23.45	2.47	6.25	-0.91	94	64	77	0	188	2,776	245
Glasgow	0.49	25.50	1.89	4.81	-2.53	91	63	75	0	175	2,693	234
Grayson	3.05	31.87	8.86	14.19	4.79	86	58	73	-2	160	2,348	185
Hardinsburg	0.79	22.58	3.28	3.74	-0.74	91	61	75	0	173	2,621	65
Henderson	0.84	26.31	4.23	8.70	0.80	91	62	76	-1	180	2,740	158
Huntington	0.39	22.20	4.96	4.57	0.79	88	60	74	-1	168	2,429	93
Jackson	2.33	30.46	7.53	11.65	3.15	87	62	74	-1	168	2,598	382
Lexington	1.17	29.91	6.05	11.76	1.84	89	62	75	0	174	2,552	190
London	1.19	24.44	5.63	6.92	1.75	92	62	76	1	185	2,732	394
Louisville	2.38	31.40	5.58	13.55	1.79	93	67	79	4	200	2,964	444
Mayfield	1.44	28.21	6.83	9.18	2.97	92	66	76	-1	186	2,818	231
Nashville	1.13	20.95	3.79	3.16	0.35	97	65	80	5	208	3,044	329
Nolin Lake	0.47	29.97	4.24	9.90	0.06	95	63	77	2	190	2,958	614
Paducah	1.02	23.32	3.06	4.16	-0.48	95	65	79	2	200	3,000	371
Princeton	1.03	23.61	4.84	4.55	1.05	91	61	75	-2	177	2,752	130
Quicksand	1.38	24.40	6.95	5.59	2.57	88	60	75	0	175	2,517	301
Somerset	0.84	26.45	5.33	6.76	1.19	88	59	74	-1	166	2,466	96
Spindletop	2.48	37.11	9.09	18.96	4.88	89	61	75	0	176	2,629	267
Williamstown	0.78	27.30	5.99	9.36	2.13	86	62	72	-3	154	2,374	62

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