



# 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

Released: September 8, 2015

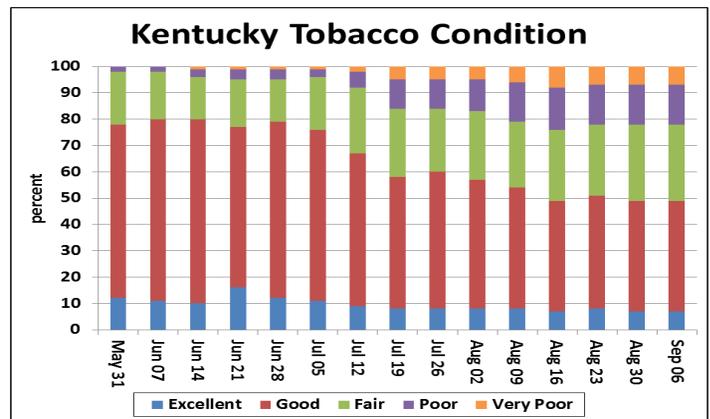
Issue: 27-15

**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.09 inches, 0.67 inches below normal. Temperatures averaged 77 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 8 percent very short, 33 percent short, 57 percent adequate and 2 percent surplus. **Subsoil moisture** was rated 5 percent very short, 27 percent short, 66 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.8 out of a possible seven.

Primary activities this week included cutting hay, topping and cutting tobacco. Corn for grain harvest has begun in some locations. Corn is drying down fast due to dry conditions. Most crops are in need of rain, especially soybeans. Soybean conditions declined with seventy-one percent rated as good to excellent compared to seventy-five percent last week. Pastures remain in mostly good condition, but are in decline due to dry weather. Livestock remain in mostly good condition and producers are optimistic about hay supplies. Producers continue to prepare equipment for the upcoming harvest.

**SOIL MOISTURE for week ending 09/06/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	8	33	57	2
Subsoil	5	27	66	2



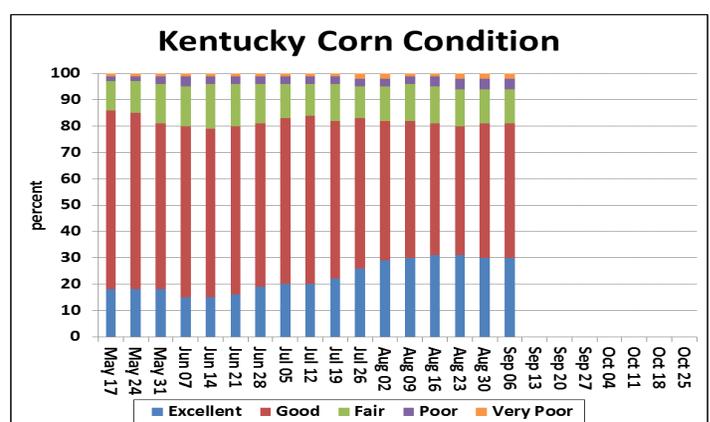
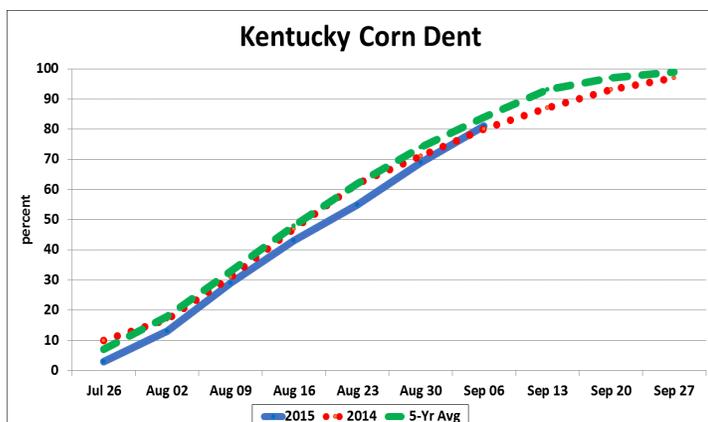
**CROP PROGRESS for week ending 09/06/15**

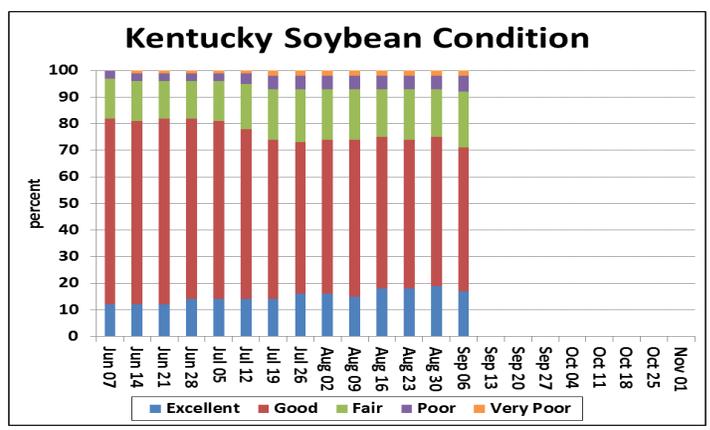
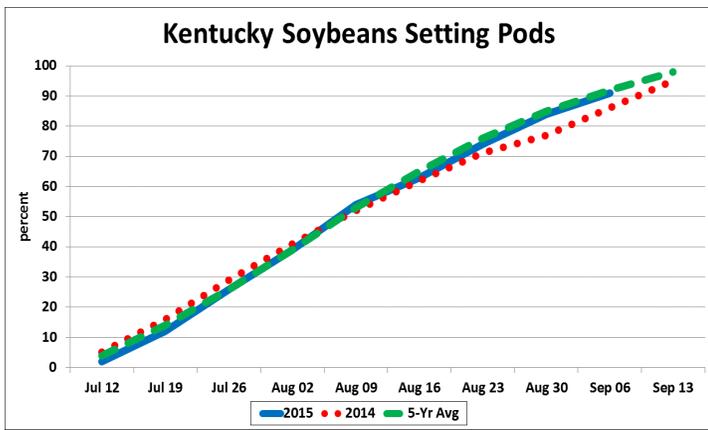
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	95	85	91	94
Corn Dent	81	69	80	84
Corn Mature	51	29	48	57
Corn Harvested	7	-	7	20
Soybeans Setting Pods	91	84	86	92
Soybeans Coloring	35	17	31	-
Soybeans Dropping Leaves	9	2	7	18
Tobacco Topped	93	86	90	93
Tobacco Cut	58	42	48	51

- Represents zero or not available.

**CROP CONDITIONS for week ending 09/06/15**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	4	13	51	30
Livestock	1	2	14	67	16
Pasture	2	9	26	54	9
Soybeans	2	6	21	54	17
Tobacco Set	7	15	29	42	7
Tobacco Housed	2	5	21	65	7





**Kentucky Climate Summary  
For the Period August 31, 2015 to September 6, 2015**

Above Normal Temperatures and Below Normal Rainfall:

Summer made one last stand this past period with hot and humid conditions in place for much of the week. Highs each day were above normal and increasing throughout the period. By the holiday weekend, temperatures were consistently peaking in the low to mid 90s for most. Looking at the week as a whole, the state averaged 90 degrees for highs. Based on preliminary data at the Ag Weather Center, this threshold has not been met since early August of 2012. High pressure also kept the area mostly dry with only isolated to widely scattered coverage about each day. This led to a second straight week of much below normal rainfall. The US Drought Monitor introduced 'Abnormally Dry Conditions' to a little over 13% of the state this past week.

Temperatures for the period averaged 77 degrees across the state which was 4 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 91 in the West to 88 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 66 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 5 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at BOWLING GREEN APT and the extreme low was 58 degrees at LIBERTY 3SW.

Precipitation (liq. equ.) for the period totaled 0.09 inches statewide which was 0.67 inches below normal and 12% of normal. Precipitation totals by climate division, West 0.01 inches, Central 0.07 inches, Bluegrass 0.20 inches and East 0.06 inches, which was 0.69, 0.76, 0.53 and 0.72 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 1.45 inches at ALEXANDRIA 5NW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/06/15 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	0.00	31.81	0.67	10.23	-2.76	94	61	78	7	196	3,296	212
Berea	0.00	30.46	0.59	8.23	-3.04	92	61	77	7	192	3,120	-29
Bowling Green	0.07	22.95	1.07	0.53	-2.16	97	62	80	9	208	3,687	482
Bristol	0.02	21.31	4.37	2.43	1.47	91	61	76	6	182	3,320	380
Buckhorn Lake	0.00	24.75	1.23	3.52	-2.09	90	60	75	5	174	3,058	258
Cape Girardeau	0.00	27.22	1.67	6.39	-1.52	94	65	79	6	200	3,614	275
Campbellsville	0.00	27.43	0.45	2.47	-3.72	92	60	76	5	180	3,136	12
Covington	0.31	22.20	1.61	2.16	-1.34	93	64	78	8	194	3,092	201
Cumberland Gap	0.07	26.29	3.01	2.92	-0.68	90	62	76	6	180	3,206	289
Dix Dam	0.00	33.83	0.72	11.66	-2.73	94	62	78	8	194	3,149	68
Evansville	0.00	25.18	1.73	5.18	-1.07	95	66	80	7	212	3,488	304
Glasgow	0.12	25.85	0.35	1.52	-3.29	94	61	78	7	194	3,360	248
Grayson	0.00	33.10	1.23	12.21	-1.98	90	61	75	5	178	2,948	188
Hardinsburg	0.00	24.66	2.08	2.41	-1.33	93	60	77	6	190	3,264	47
Henderson	0.00	27.93	1.62	7.38	-1.32	96	64	79	6	206	3,431	189
Huntington	0.04	23.05	0.85	2.06	-2.51	92	63	77	7	190	3,068	113
Jackson	0.00	33.15	2.69	10.79	-0.86	89	65	77	7	190	3,262	462
Lexington	0.00	30.97	1.06	9.39	-2.37	95	62	78	8	198	3,220	225
London	0.00	26.01	1.57	5.44	-1.48	93	64	78	8	196	3,419	467
Louisville	0.00	32.49	1.09	11.50	-2.05	95	68	82	11	223	3,722	533
Mayfield	0.00	29.45	1.24	6.91	-2.27	93	64	78	5	197	3,494	249
Nashville	0.00	22.81	1.86	1.88	-1.28	95	65	81	10	217	3,816	396
Nolin Lake	0.00	30.37	0.40	6.80	-3.11	94	61	78	7	198	3,662	699
Paducah	0.00	24.25	0.93	1.98	-2.18	96	64	80	7	206	3,712	409
Princeton	0.00	25.48	1.87	2.90	-1.64	92	64	78	5	194	3,420	121
Quicksand	0.00	26.50	2.10	4.14	-1.45	91	64	77	7	188	3,174	374
Somerset	0.00	27.22	0.77	3.95	-2.81	91	58	76	6	178	3,078	91
Spindletop	0.00	38.12	1.01	16.54	-2.42	97	65	80	10	210	3,324	329
Williamstown	0.01	29.62	2.32	8.39	-0.97	90	63	76	6	183	2,990	60

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