



# 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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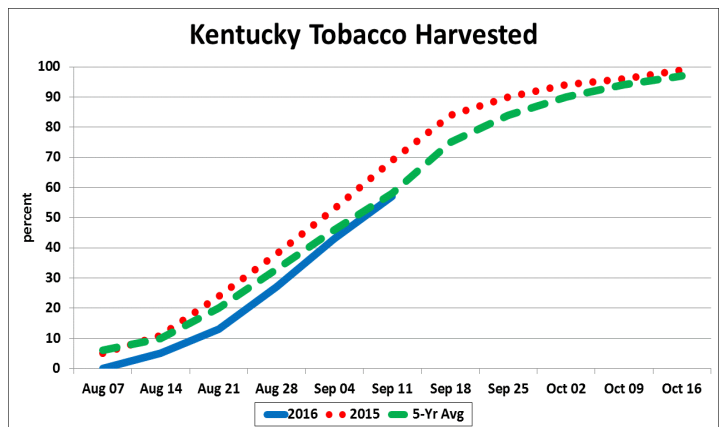
Issue: 28-16

**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.50 inches, 0.31 inches below normal. Temperatures averaged 76 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 14 percent short, 75 percent adequate and 9 percent surplus. **Subsoil moisture** was rated 1 percent very short, 12 percent short, 78 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 6.4 out of a possible seven.

Primary activities this week included cutting hay and tobacco, and harvesting corn for grain; some corn silage was harvested as well. Continued hot and dry conditions assisted dry-down in grain crops, but started to negatively affect pasture and hay land. Farmers have concerns over labor shortages for harvesting tobacco, as well as disease impacts and resulting weights. Various disease incidences were reported this week including rust and diplodia ear rot on corn, and frogeye leaf spot and stem canker on soybeans.

**SOIL MOISTURE for week ending 09/11/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	14	75	9
Subsoil	1	12	78	9



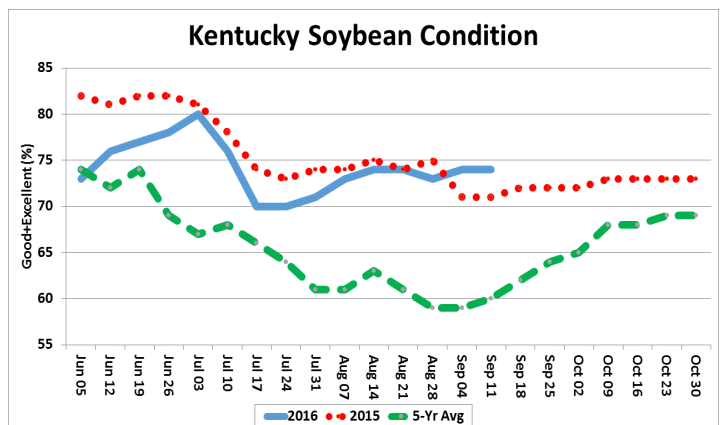
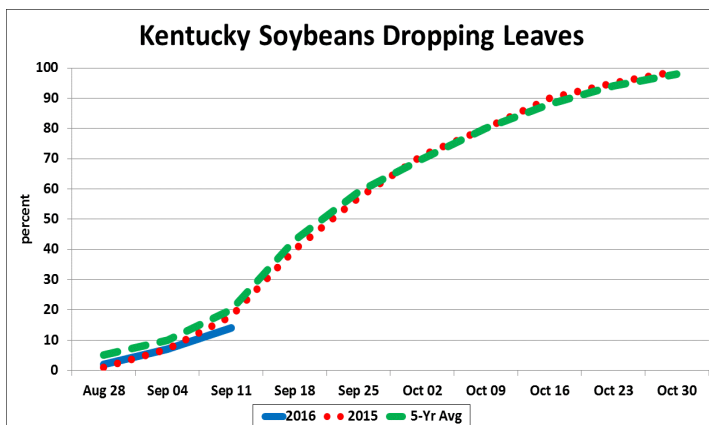
**CROP PROGRESS for week ending 09/11/16**

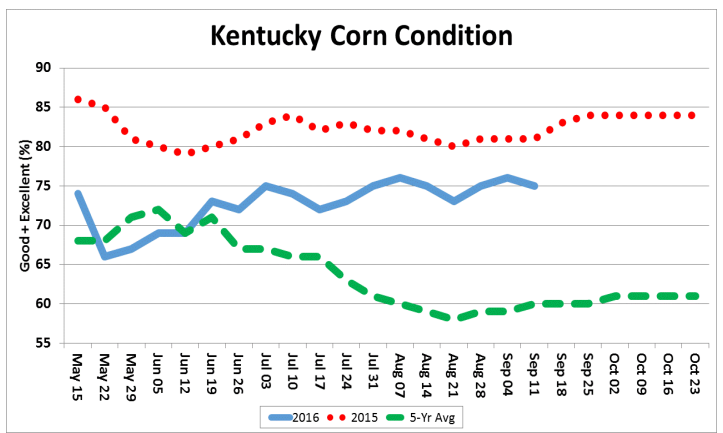
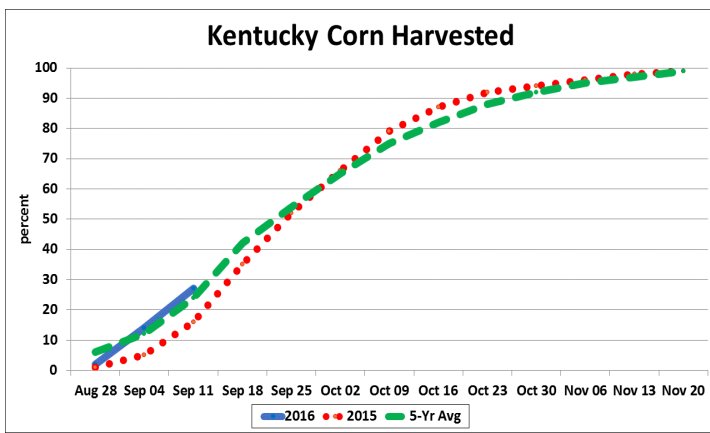
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	95	93	98	96
Corn Dent	90	84	88	87
Corn Mature	74	58	65	64
Corn Harvested	27	14	16	24
Soybeans Setting Pods	93	90	95	94
Soybeans Coloring	38	25	47	-
Soybeans Dropping Leaves	14	7	18	20
Soybeans Harvested	2	-	1	1
Tobacco Topped	95	89	96	96
Tobacco Cut	57	43	69	58

- Represents not available.

**CROP CONDITIONS for week ending 09/11/16**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	18	56	19
Pasture	2	6	24	58	10
Soybeans	2	5	19	56	18
Tobacco, Field	8	13	29	43	7
Tobacco, Housed	1	6	27	60	6





**Kentucky Climate Summary  
For the Period September 5, 2016 to September 11, 2016**

Above Normal Temperatures and Below Normal Rainfall:

The state remained mostly dry on Labor Day and on through the work week as high pressure remained in control aloft. Temperatures followed a warming trend with highs back in the low to middle 90s statewide by Wednesday. The warm conditions pushed the state to a tenth straight week of near to above normal temperatures. While there was some isolated to scattered showers and storms on Thursday and Friday, better coverage arrived over the weekend. A passing cold front sparked a broken line of showers and storms that pushed through the region during the day on Saturday. Overall, the state averaged a half inch for the week, which ended up being the third straight period that Kentucky had seen below normal rainfall.

Temperatures for the period averaged 76 degrees across the state which was 4 degrees warmer than normal and no change to the previous period. High temperatures averaged from 88 in the West to 88 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at EVANSVILLE ASOS and the extreme low was 52 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.50 inches statewide which was 0.31 inches below normal and 62% of normal. Precipitation totals by climate division, West 0.78 inches, Central 0.57 inches, Bluegrass 0.44 inches and East 0.20 inches, which was 0.01, 0.33, 0.31 and 0.6 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at JACKSON 3SE to a high of 2.25 inches at CAPE GIRARDEAU ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/11/16 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	1.03	28.35	4.61	6.24	1.28	90	57	76	7	185	3,470	293
Berea	0.09	26.57	2.10	3.67	-1.55	91	55	74	5	170	3,216	-30
Bowling Green	0.03	25.98	3.68	2.94	0.39	94	59	79	10	203	3,904	602
Bristol	0.00	15.56	3.13	-3.87	0.20	91	55	74	5	170	3,437	406
Buckhorn Lake	0.24	24.58	2.93	2.74	-0.41	91	57	75	6	178	3,292	406
Cape Girardeau	2.25	28.11	5.50	6.68	2.28	90	54	78	7	196	3,762	325
Campbellsville	0.33	27.70	4.76	1.97	0.55	90	57	75	6	176	3,330	109
Covington	1.05	22.57	6.44	2.05	3.55	90	55	77	8	188	3,352	373
Cumberland Gap	0.03	28.82	2.17	4.94	-1.33	92	57	75	6	175	3,364	356
Dix Dam	0.33	23.92	3.12	1.18	-0.27	91	56	77	8	188	3,333	155
Evansville	0.27	26.73	1.60	6.23	-1.19	95	54	79	8	200	3,608	329
Glasgow	0.74	35.90	4.08	10.92	0.44	91	58	77	8	190	3,556	347
Grayson	0.25	28.93	3.24	7.58	0.18	89	54	74	5	167	3,184	339
Hardinsburg	0.88	33.34	5.02	10.48	1.61	91	54	76	7	185	3,459	142
Henderson	0.75	28.34	4.07	7.21	1.06	94	53	78	7	200	3,637	296
Huntington	0.08	24.81	2.49	3.35	-0.70	94	58	77	8	192	3,452	407
Jackson	0.17	29.61	4.25	6.66	0.76	90	61	76	7	185	3,470	584
Lexington	0.22	26.09	3.01	3.98	-0.32	93	57	78	9	194	3,518	432
London	0.00	24.93	3.07	3.78	-0.02	91	60	76	7	182	3,470	428
Louisville	0.47	23.33	4.21	1.81	1.11	94	61	81	12	214	3,924	638
Mayfield	1.06	29.48	3.97	6.27	0.41	90	55	78	7	196	3,659	313
Nashville	0.00	16.70	0.97	-4.80	-2.18	94	62	79	10	200	4,054	528
Nolin Lake	0.64	31.09	4.19	6.81	0.59	95	58	80	11	210	3,900	845
Paducah	0.14	28.14	3.63	5.26	0.45	92	70	81	10	218	3,902	500
Princeton	0.41	31.30	4.20	8.17	0.78	90	55	78	7	192	3,588	187
Quicksand	0.00	29.21	2.72	6.26	-0.77	91	56	75	6	176	3,338	452
Somersets	0.06	29.39	2.81	5.45	-0.81	90	60	75	6	176	3,320	242
Spindletop	0.22	30.26	3.58	8.15	0.25	94	58	79	10	204	3,556	470
Williamstown	0.59	24.03	2.79	2.27	-0.43	90	58	76	7	182	3,184	162

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