



# 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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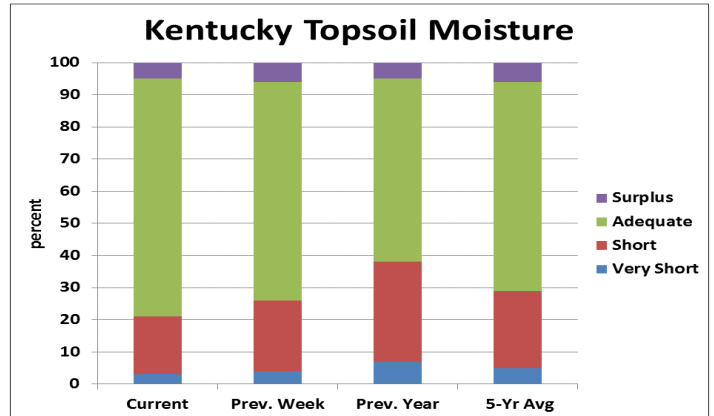
Issue: 31-16

**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.68 inches, 0.13 inches below normal. Temperatures averaged 62 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 3 percent very short, 18 percent short, 74 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 2 percent very short, 19 percent short, 74 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included harvesting corn, soybeans, hay, and tobacco. Showers during the week slowed harvest progress somewhat, but corn harvest continued at a rapid pace. Many farmers would welcome some rain as many areas of the state remained relatively dry. Corn yields are varied depending on planting date and location. Pasture conditions were rated mostly good to fair. Livestock were rated in mostly good condition. Labor shortage being reported in some areas which is impacting the tobacco harvest. Tobacco houseburn was reported as 2 percent heavy, 8 percent moderate, 18 percent light, with 72 percent experiencing none.

**SOIL MOISTURE for week ending 10/02/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	18	74	5
Subsoil	2	19	74	5



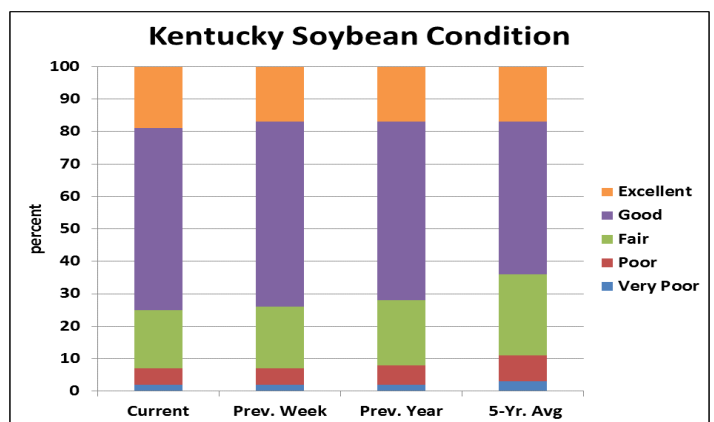
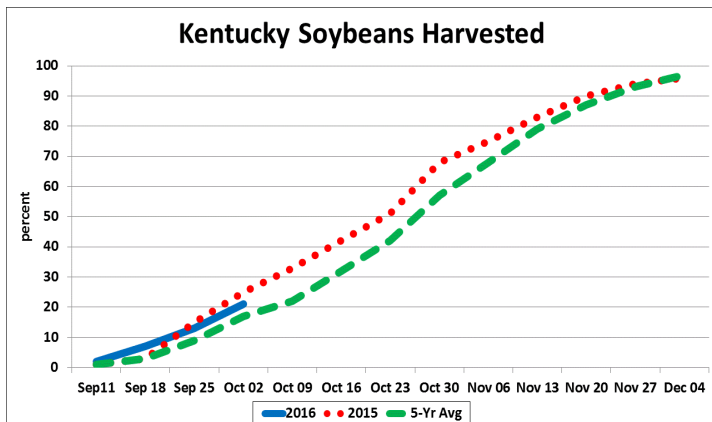
**CROP PROGRESS for week ending 10/02/16**

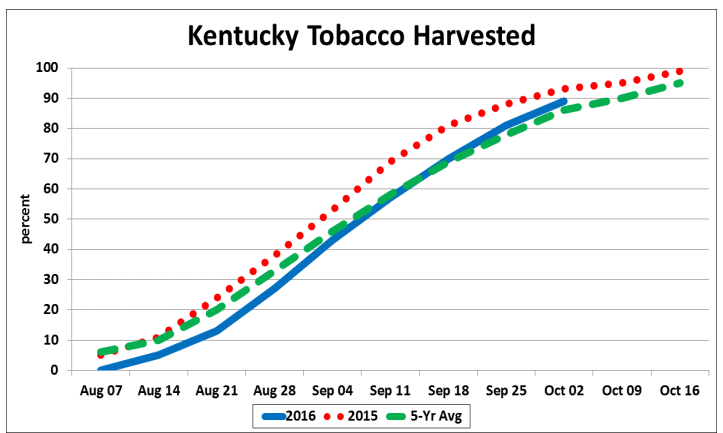
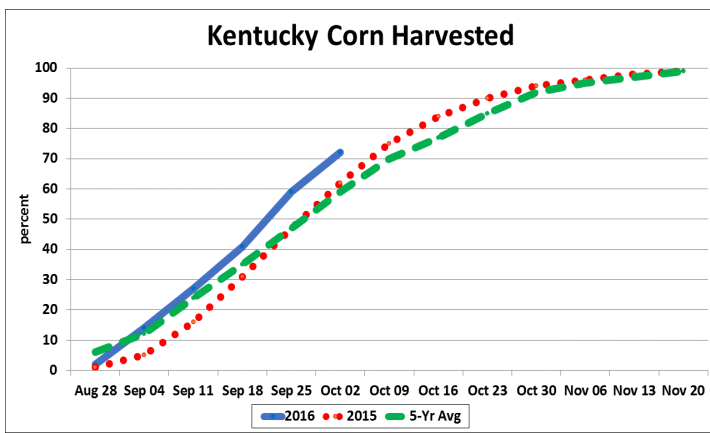
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	95	89	95	93
Corn Harvested	72	59	62	59
Soybeans Coloring	79	67	88	-
Soybeans Dropping Leaves	57	42	67	64
Soybeans Harvested	21	13	25	17
Tobacco Cut	89	81	93	86
Tobacco Stripped	7	-	4	3
Winter Wheat Seeded	5	2	7	6

**CROP CONDITIONS for week ending 10/02/16**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	20	57	16
Livestock	1	2	12	72	13
Pasture	3	10	29	51	7
Soybeans	2	5	18	56	19
Tobacco Housed	2	9	30	53	6

- Represents zero or not available.





**Kentucky Climate Summary  
For the Period September 26, 2016 to October 2, 2016**

Below Normal Temperatures and Rainfall:

Conditions finally started to feel like fall this past week. Temperatures were slightly below normal with highs staying in the 60s and 70s for much of the period. This broke a streak of 12 straight weeks with near to above normal temperatures. The cooler air started filtering into the area on Monday as a cold front crossed the region, followed by a brief period of high pressure. Early in the week, some locations even saw lows drop into the low to middle 40s as skies cleared at night. A disturbance aloft then slowly rotated over the area from Wednesday through Saturday. This brought an extended period of unsettled weather with multiple rounds of showers. Mostly cloudy skies kept temperatures much below normal during the day with highs only in the 60s for most. Combining the rainfall seen on Monday with the several days under the influence of the disturbance aloft, the state averaged 0.68 inches, which was slightly below normal.

Temperatures for the period averaged 62 degrees across the state which was 1 degree cooler than normal and 12 degrees cooler than the previous period. High temperatures averaged from 72 in the West to 72 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 54 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at PAINTSVILLE 4W and the extreme low was 41 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.68 inches statewide which was 0.13 inches below normal and 84% of normal. Precipitation totals by climate division, West 0.67 inches, Central 0.67 inches, Bluegrass 1.03 inches and East 0.33 inches, which was -0.16, -0.20, 0.29 and -0.47 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at POPLAR BLUFF ASOS to a high of 1.92 inches at EVANSVILLE ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 10/02/16 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.96	30.17	2.85	5.86	-0.09	75	47	62	-1	98	29
Berea	0.48	27.13	0.65	1.52	-3.00	80	44	61	-1	88	38
Bowling Green	0.55	27.41	1.46	1.82	-1.96	82	48	64	1	100	26
Bristol	0.60	17.52	1.96	-4.14	-1.03	86	49	65	3	100	26
Buckhorn Lake	0.47	25.85	1.51	1.51	-1.84	85	47	62	0	93	29
Cape Girardeau	0.04	31.11	5.25	7.23	1.96	80	44	63	-2	100	29
Campbellsville	0.45	29.38	2.01	0.51	-2.21	79	46	60	-3	96	53
Covington	1.27	24.27	2.75	1.75	0.07	75	48	62	0	100	34
Cumberland Gap	0.08	30.10	1.31	4.06	-1.57	85	42	62	0	100	26
Dix Dam	1.06	25.92	2.33	0.84	-0.81	77	48	62	0	96	22
Evansville	1.92	30.81	4.35	8.24	1.59	79	48	64	-1	88	27
Glasgow	0.42	38.07	2.91	10.44	-0.66	79	46	62	-1	100	30
Grayson	0.56	30.12	1.44	6.84	-1.14	77	44	60	-2	84	48
Hardinsburg	0.90	34.76	2.30	9.39	-1.06	76	43	61	-2	100	44
Henderson	1.23	30.34	2.75	6.84	-0.43	78	46	64	-1	88	27
Huntington	1.51	26.58	1.85	3.16	-0.77	84	47	64	2	100	28
Jackson	0.38	30.02	0.58	4.65	-2.66	82	50	63	1	100	31
Lexington	1.16	27.68	1.81	3.37	-1.13	76	48	63	1	96	22
London	0.12	26.11	1.18	2.58	-2.01	81	46	62	0	96	22
Louisville	1.60	25.14	2.28	1.45	-0.63	78	52	64	1	97	27
Mayfield	1.06	31.79	3.37	5.84	-0.30	78	45	63	-2	84	48
Nashville	0.23	18.26	1.56	-5.57	-1.56	84	49	64	1	100	28
Nolin Lake	0.52	32.49	2.04	5.34	-1.82	91	46	64	1	100	30
Paducah	0.17	28.83	0.83	3.42	-2.56	80	44	64	-1	96	27
Princeton	0.45	32.23	1.34	6.79	-1.74	76	44	62	-3	84	48
Quicksand	0.41	30.25	1.04	4.88	-2.20	83	43	63	1	84	48
Somerset	0.56	30.58	1.25	3.90	-2.43	79	45	61	-1	100	29
Spindletop	1.28	32.29	2.25	7.98	-0.69	77	50	63	1	98	26
Williamstown	1.14	25.26	1.82	1.29	-1.14	74	49	61	-1	84	48

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