



# 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: October 6, 2014

Issue: 27-14

**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.46 inches, 0.34 inches below normal. Temperatures averaged 64 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 10 percent very short, 37 percent short, 49 percent adequate and 4 percent surplus. **Subsoil moisture** was rated 7 percent very short, 36 percent short, 54 percent adequate, and 3 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven.

Primary activities this week included harvesting corn and some growers were beginning to seed winter wheat. Early planted soybeans are also starting to be harvested. Pasture conditions slightly decreased due to below normal rainfall and late planted soybeans continued to show signs of drought stress. Tobacco houseburn was reported as 1 percent heavy, 5 percent moderate, 16 percent light, with 78 percent experiencing none. Four percent of tobacco has been stripped, with 13 percent ready to be stripped and 83 percent not ready for stripping.

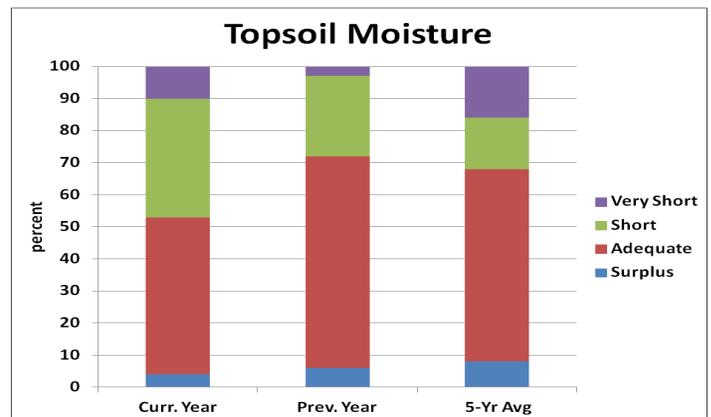
**Special Note:**

Due to a lapse in federal funding in October 2013, the Crop Progress reports for the weeks ending October 6, 2013 and October 13, 2013 were canceled. Therefore, previous year estimates for the corresponding weeks will not be available. Five-year average estimates will reflect the years 2009-2013 using published estimates for 2009-2012 and imputed estimates for 2013.

**SOIL MOISTURE for week ending 10/05/14**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	37	49	4
Subsoil	7	36	54	3

- Represents zero.



**CROP PROGRESS for week ending 10/05/14**

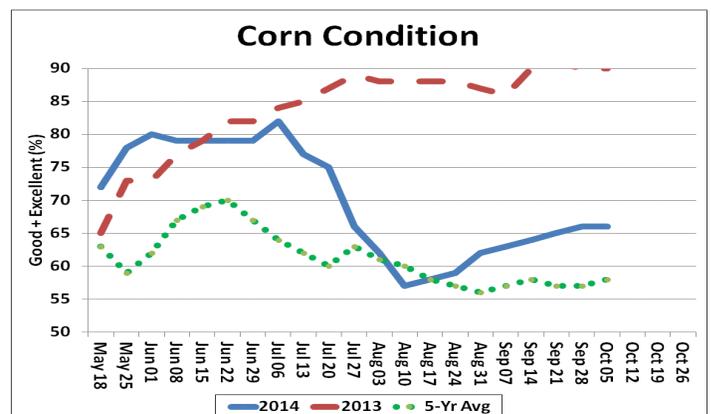
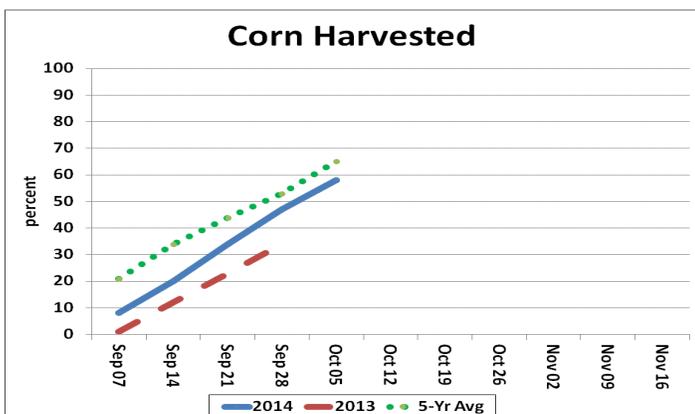
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	92	86	-	94
Corn Harvested	58	47	-	65
Soybeans Coloring	82	72	-	-
Soybeans Dropping Leaves	56	44	-	77
Soybeans Mature	38	23	-	53
Soybeans Harvested	16	9	-	22
Tobacco Cut	89	82	-	90
Tobacco Stripped	4	-	-	-
Winter Wheat Seeded	8	1	-	9

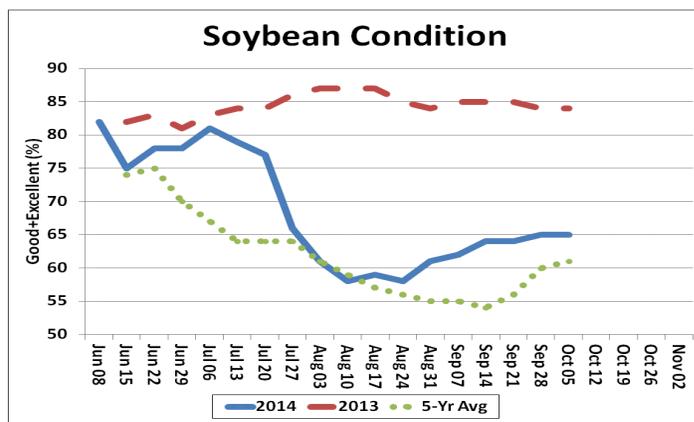
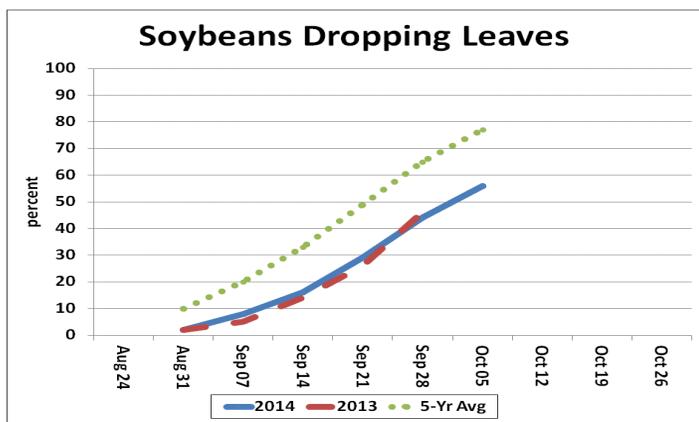
- Represents data not available.

**CROP CONDITIONS for week ending 10/05/14**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	4	11	19	47	19
Livestock	-	2	14	69	15
Pasture	5	14	33	43	5
Soybeans	2	8	25	48	17
Tobacco Housed	1	4	20	62	13

- Represents zero.





**Kentucky Climate Summary  
For the Period September 29, 2014 to October 5, 2014**

Above Normal Temperatures and Below Normal Rainfall:

This past period started out on the warm and dry side as surface high pressure was in control. Daytime temperatures were slightly above normal for much of the period with highs in the low to mid 80s Monday through Wednesday. Winds shifted to the south on Thursday, ahead of an approaching cold front. This led to the warmest day of the week with highs typically in the mid to upper 80s. Western Kentucky saw some scattered showers and storms through the day, before coverage became widespread later Thursday night and into Friday. Rainfall totals were around a quarter to half inch for the majority of the state. This was the only significant rainfall event for the week across Kentucky and led to the third week in a row of below normal precipitation. Much cooler air rushed into the area behind the boundary with winds from the west gusting to around 30 mph at times. Highs on Saturday only rose into the 50s for most, before the coolest temperatures of the fall season were felt that night. Much of the Commonwealth fell into the low to mid 30s as skies became mostly clear, prompting a frost advisory across the state.

Temperatures for the period averaged 64 degrees across the state which was 2 degrees warmer than normal and no change to the previous period. High temperatures averaged from 79 in the West to 74 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to near normal in the East. Low temperatures averaged from 51 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at OWENSBORO AWSS and the extreme low was 27 degrees at FORT CAMPBELL.

Precipitation (liq. equ.) for the period totaled 0.46 inches statewide which was 0.34 inches below normal and 58% of normal. Precipitation totals by climate division, West 0.58 inches, Central 0.45 inches, Bluegrass 0.39 inches and East 0.42 inches, which was 0.24, 0.4, 0.35 and 0.37 inches below normal. By station, precipitation totals ranged from a low of 0.13 inches at OWENTON 5E to a high of 1.12 inches at HICKMAN 2E.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 10/05/14 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	High
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	0.40	19.39	0.54	-5.16	-2.33	89	32	64	1	96	27
Berea	0.46	27.93	0.82	2.05	-2.70	87	32	62	0	88	38
Bowling Green	0.51	26.92	0.75	1.03	-2.59	89	35	66	3	96	27
Bristol	0.26	19.39	1.06	-2.52	-1.86	82	32	61	-1	100	38
Buckhorn Lake	0.27	25.71	1.36	1.10	-1.90	82	36	62	0	97	29
Cape Girardeau	1.07	29.94	3.12	5.77	-0.10	87	37	65	0	100	30
Campbellsville	0.26	27.10	0.93	-2.08	-3.14	85	30	62	-1	96	53
Covington	0.33	26.11	2.21	3.31	-0.46	86	38	62	0	94	30
Cumberland Gap	0.36	24.38	2.00	-1.98	-0.89	83	33	63	1	100	38
Dix Dam	0.75	23.31	1.02	-2.05	-2.06	88	36	64	2	93	28
Evansville	0.42	29.58	1.86	6.74	-0.88	89	38	65	0	100	10
Glasgow	0.61	25.79	0.90	-2.14	-2.57	86	36	64	1	100	28
Grayson	0.49	24.17	2.37	0.60	-0.22	83	32	62	0	85	48
Hardinsburg	0.35	22.86	0.85	-2.80	-2.44	90	31	65	2	100	44
Henderson	0.76	26.51	2.20	2.74	-0.90	89	35	64	-1	100	10
Huntington	0.63	28.17	1.56	4.46	-1.06	83	36	62	0	100	30
Jackson	0.21	27.72	1.06	2.07	-2.11	83	37	63	1	97	36
Lexington	0.35	34.91	3.56	10.36	0.69	88	38	65	3	93	28
London	0.57	24.88	1.09	1.08	-2.02	85	35	64	2	97	32
Louisville	0.25	26.49	3.19	2.53	0.33	88	38	67	4	90	30
Mayfield	0.48	26.39	1.29	0.09	-2.34	88	38	65	0	85	48
Nashville	0.42	24.80	0.44	0.72	-2.60	90	37	66	3	100	30
Nolin Lake	0.59	21.65	0.66	-5.81	-3.09	89	35	66	3	100	28
Paducah	0.15	28.48	1.12	2.78	-2.19	88	36	64	-1	100	29
Princeton	0.44	26.01	1.40	0.28	-1.64	87	35	64	-1	85	48
Quicksand	0.22	26.87	1.19	1.22	-1.98	83	35	63	1	85	48
Somerset	0.48	25.19	1.12	-1.81	-2.47	85	30	62	0	100	30
Spindletop	0.36	28.12	3.57	3.57	0.70	88	37	63	1	100	34
Williamstown	0.13	25.12	1.39	0.86	-1.54	84	36	61	-1	85	48

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