



# 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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**Agricultural News:** Kentucky experienced scattered severe weather over the past week. Precipitation for the week totaled 2.23 inches, 1.46 inches above normal. Temperatures averaged 61 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 5 percent very short, 20 percent short, 60 percent adequate and 15 percent surplus. **Subsoil moisture** was rated 4 percent very short, 23 percent short, 65 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 3.8 out of a possible seven.

Primary activities this week included harvesting corn and soybeans and planting winter wheat. Continued rainfall has slowed harvests and some areas of the state reported damage from large hail. A tornado touched down in the northern part of the state which resulted in damage and loss of stored hay and housed tobacco. Tobacco houseburn was reported as 1 percent heavy, 6 percent moderate, 16 percent light, with 77 percent experiencing none. Seven percent of tobacco has been stripped, with 18 percent ready to be stripped and 75 percent not ready for stripping.

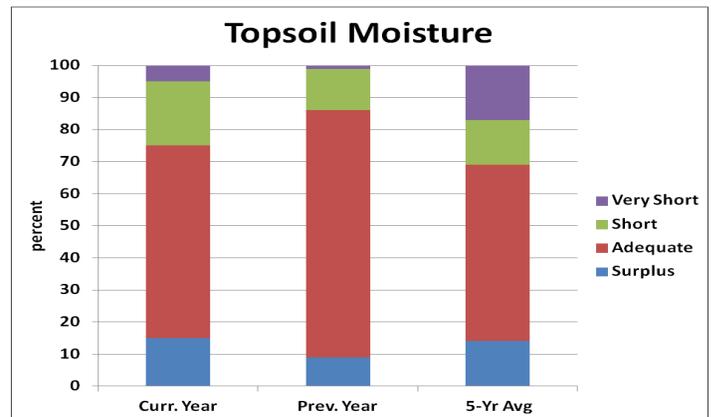
**Special Note:**

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 10/12/14**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	5	20	60	15
Subsoil	4	23	65	8

- Represents zero.



**CROP PROGRESS for week ending 10/12/14**

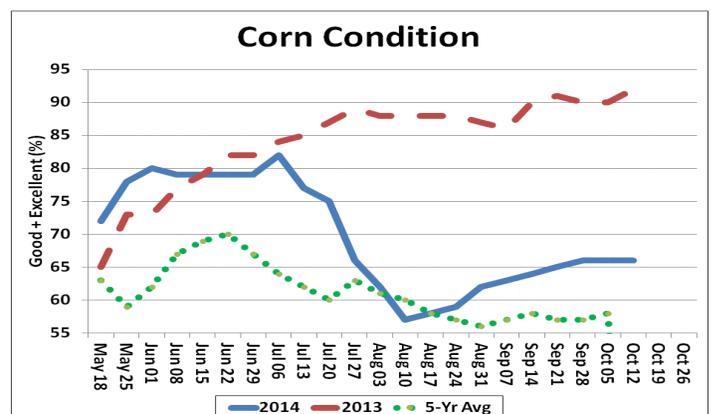
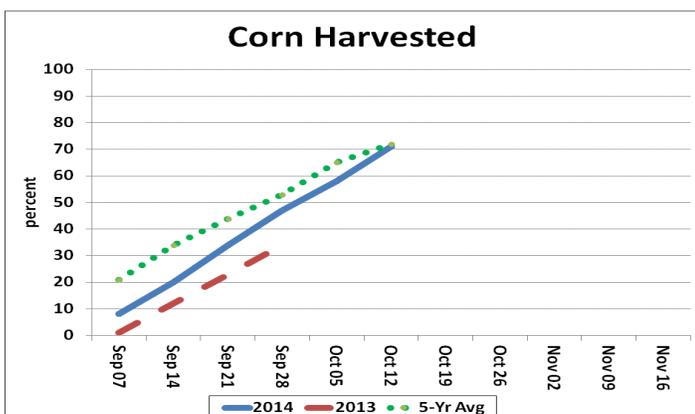
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	95	92	-	97
Corn Harvested	71	58	-	72
Soybeans Coloring	91	82	-	-
Soybeans Dropping Leaves	70	56	-	86
Soybeans Mature	54	38	-	68
Soybeans Harvested	24	16	-	34
Tobacco Cut	93	89	-	97
Tobacco Stripped	7	4	-	-
Winter Wheat Seeded	21	8	-	17
Winter Wheat Emerged	2	-	-	-

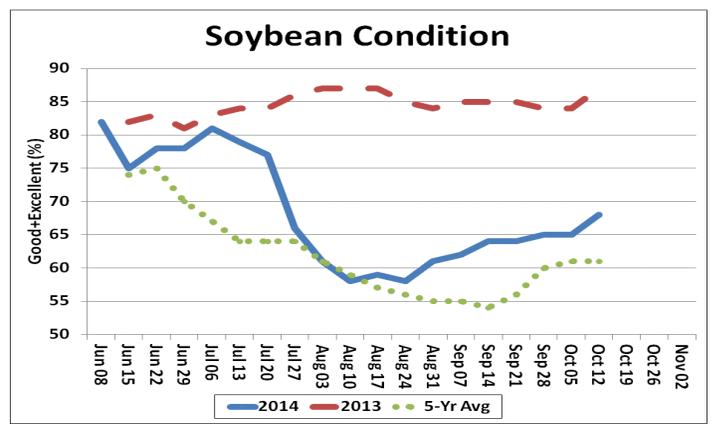
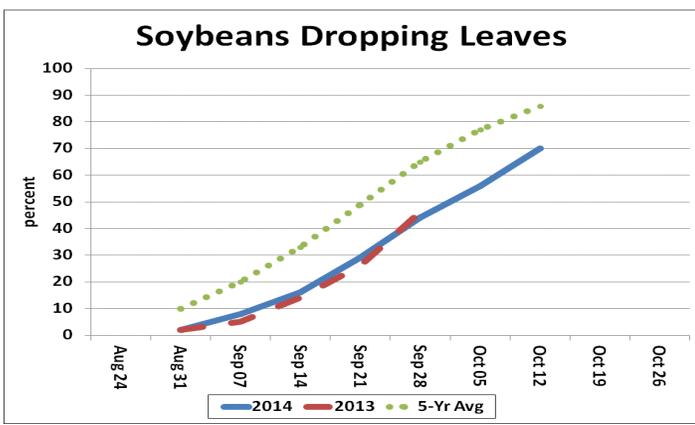
- Represents data not available.

**CROP CONDITIONS for week ending 10/12/14**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	4	11	19	47	19
Pasture	4	11	34	45	6
Soybeans	2	7	23	51	17
Tobacco Housed	1	3	20	61	15

- Represents zero.





**Kentucky Climate Summary  
For the Period October 6, 2014 to October 12, 2014**

Above Normal Temperatures and Rainfall:

The second week of October brought one of the more active severe weather periods the Commonwealth has seen in quite some time. An unsettled pattern was setup to begin the work week with multiple upper level disturbances passing through the region. Each wave sparked scattered to numerous showers and storms across the Commonwealth. Supercell thunderstorms developed in some cases, leading to the development of multiple tornadoes, large hail, and damaging winds. The most prominent system came Tuesday afternoon and evening with multiple reports of hail at the size of a golf ball and 9 confirmed tornadoes. Conditions temporarily dried out for Wednesday, before the wet pattern continued for much of the remainder of the week. Multiple disturbances overrode a frontal boundary hovering across the area, leading to several rounds of showers and storms. For the week as a whole, the eastern portion of the state came out the winners with over three inches on average. Nonetheless, the state as a whole averaged over 2 inches, which was nearly 1.5 inches above normal. This brought an end to a three week span of below average rainfall across the state.

Temperatures for the period averaged 61 degrees across the state which was 1 degree warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 73 in the West to 67 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 5 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 5 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period for was 84 degrees at POPLAR BLUFF ASOS and the extreme low was 40 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 2.23 inches statewide which was 1.46 inches above normal and 290% of normal. Precipitation totals by climate division, West 1.74 inches, Central 1.73 inches, Bluegrass 2.03 inches and East 3.40 inches, which was 0.96, 0.93, 1.3 and 2.63 inches above normal. By station, precipitation totals ranged from a low of 0.40 inches at BRANDENBURG 4SW to a high of 5.43 inches at YELLOW CREEK.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 10/12/14 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	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	1.84	21.23	2.24	-3.90	-0.46	76	48	60	0	97	28
Berea	2.94	30.87	3.62	4.36	0.40	74	43	58	-1	88	38
Bowling Green	1.63	28.55	2.37	1.98	-0.78	80	52	65	5	93	26
Bristol	4.45	23.84	5.09	1.35	2.35	79	41	60	1	100	35
Buckhorn Lake	3.79	29.50	4.47	4.25	1.43	72	48	59	0	97	32
Cape Girardeau	2.06	32.00	3.17	7.15	0.10	81	50	64	2	100	29
Campbellsville	3.51	30.61	3.77	0.72	0.08	76	46	61	1	96	53
Covington	1.73	27.84	2.26	4.39	-0.38	70	44	55	-4	94	36
Cumberland Gap	3.42	27.80	3.85	0.69	0.93	75	46	62	3	100	35
Dix Dam	1.49	24.80	2.28	-1.21	-0.65	74	48	60	1	90	32
Evansville	1.02	30.60	2.35	7.11	-0.34	77	50	62	0	100	10
Glasgow	1.83	27.62	2.73	-0.99	-0.51	78	51	64	4	100	27
Grayson	1.96	26.13	2.58	1.88	-0.04	70	41	56	-3	97	48
Hardinsburg	0.95	23.81	1.30	-2.54	-1.83	79	47	62	2	100	44
Henderson	0.94	27.45	1.72	3.05	-1.20	79	46	62	0	100	10
Huntington	2.63	30.80	3.33	6.42	0.69	70	42	56	-3	100	27
Jackson	4.84	32.56	5.18	6.25	2.18	72	50	59	0	97	36
Lexington	1.26	36.17	1.74	11.04	-0.96	75	48	61	2	90	32
London	3.82	28.70	4.41	4.28	1.49	76	48	62	3	96	31
Louisville	0.96	27.45	1.21	2.88	-1.52	76	52	61	1	93	31
Mayfield	3.75	30.14	4.25	3.02	0.74	81	53	65	3	97	48
Nashville	6.40	31.20	6.82	6.53	3.99	81	56	68	8	100	27
Nolin Lake	2.41	24.06	3.04	-4.12	-0.44	80	51	66	6	100	27
Paducah	1.51	29.99	1.72	3.61	-1.41	82	50	64	2	100	28
Princeton	1.56	27.57	2.37	1.15	-0.59	79	49	64	2	97	48
Quicksand	3.88	30.75	4.25	4.44	1.25	75	44	60	1	97	48
Somerset	4.01	29.20	4.49	1.46	1.09	77	46	61	2	100	29
Spindletop	1.75	29.87	2.37	4.74	-0.33	74	47	58	-1	99	38
Williamstown	3.22	28.34	3.59	3.40	0.73	69	44	56	-3	97	48

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