



# Crop Progress and Condition

**USDA, NASS, Kentucky Field Office**

David Knopf, Director  
PO Box 1120  
Louisville, Kentucky 40201-1120  
(502) 582-5293 or 1-800-928-5277  
Email: nassrfoemr@nass.usda.gov

**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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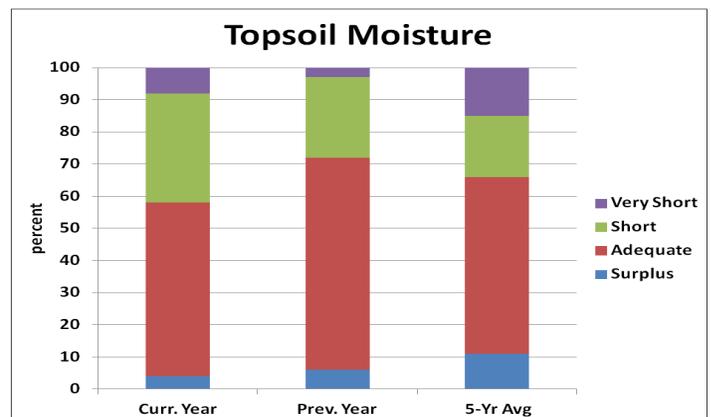
**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.00 inches, 0.85 inches below normal. Temperatures averaged 64 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 8 percent very short, 34 percent short, 54 percent adequate and 4 percent surplus. **Subsoil moisture** was rated 6 percent very short, 32 percent short, 59 percent adequate, and 3 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities this week included harvesting corn, baling hay, and housing tobacco. Farmers continue to report difficulty finding labor to complete tobacco harvest. Corn and soybeans continue to remain in good condition. Dry weather has allowed farmers to make good progress on their crop harvest. Late planted soybeans are in need of rain and are showing signs of stress. Tobacco houseburn was reported as 1 percent heavy, 5 percent moderate, 16 percent light, with 78 percent experiencing none.

**SOIL MOISTURE for week ending 09/28/14**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	8	34	54	4
Subsoil	6	32	59	3

- Represents zero.



**CROP PROGRESS for week ending 09/28/14**

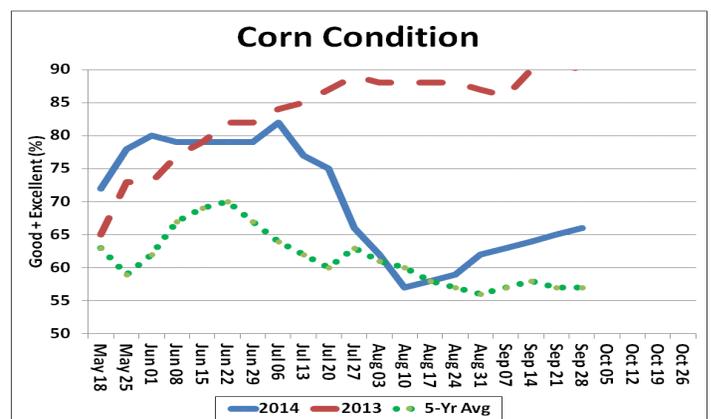
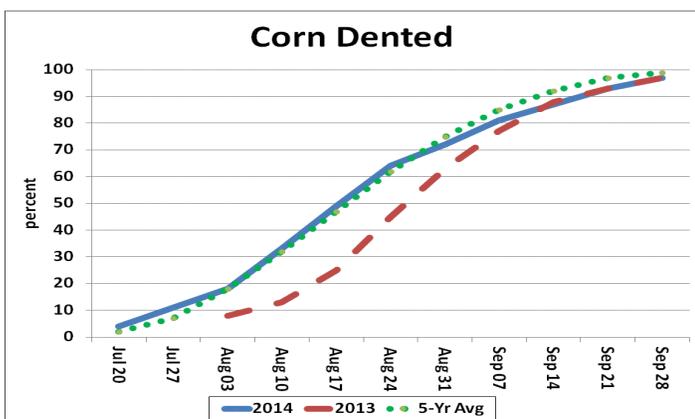
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	97	93	97	99
Corn Mature	86	75	85	89
Corn Harvested	47	34	34	53
Soybeans Coloring	72	58	-	-
Soybeans Dropping Leaves	44	29	46	65
Soybeans Mature	23	7	17	37
Soybeans Harvested	9	2	4	12
Tobacco Cut	82	71	82	82
Winter Wheat Seeded	1	-	3	3

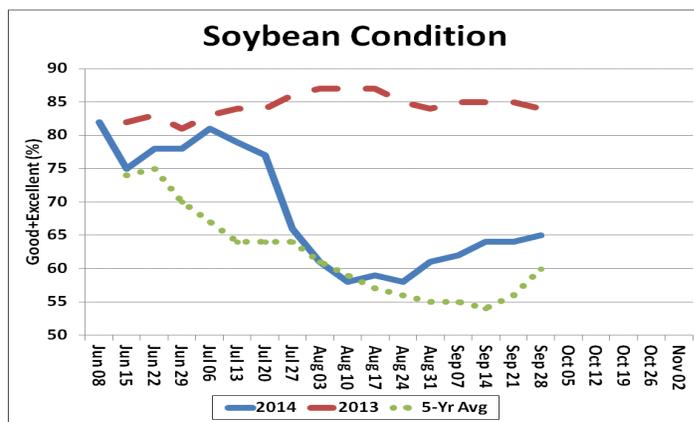
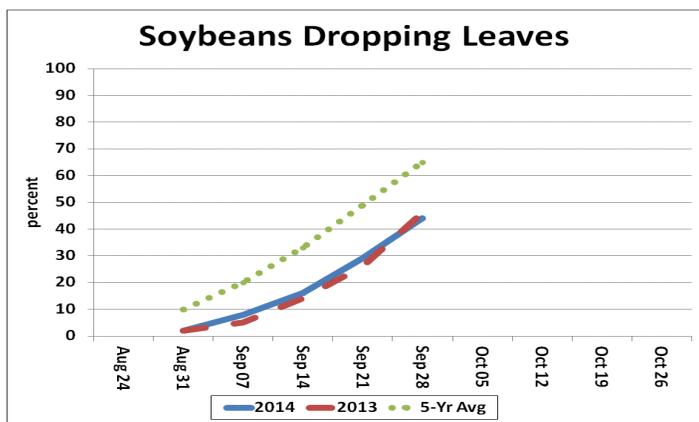
- Represents data not available.

**CROP CONDITIONS for week ending 09/28/14**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	4	11	19	47	19
Hay	2	7	29	52	10
Pasture	4	13	31	45	7
Soybeans	2	8	25	49	16
Tobacco Housed	1	4	18	65	12

- Represents zero.





**Kentucky Climate Summary  
For the Period September 22, 2014 to September 28, 2014**

Below Normal Temperatures and Rainfall:

The start of the autumn season opened with dry and cool conditions in place. Surface high pressure of Canadian origin built into the Ohio Valley to start the work week. Highs on Monday only rose into the upper 60s to low 70s, but the more noticeable difference came later that night. Under clear skies, temperatures plummeted into the low to mid 40s for most of the state. Some low lying and sheltered locations were able to drop into the upper 30s, which was around 15 degrees below normal for this time of the year. A warming trend then ensued for much of the remainder of the week, eventually returning to near normal by the end. The Commonwealth remained under the influence of high pressure with mostly clear skies and a light northeast wind about each day. Other than a few isolated showers across the eastern half of Kentucky on Sunday, most of the region was left completely dry for the week. This was the second straight period of much below normal rainfall, but this is fairly common as the state heads into what is normally the driest time of the year.

Temperatures for the period averaged 64 degrees across the state which was 2 degrees cooler than normal and no change to the previous period. High temperatures averaged from 81 in the West to 75 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 51 degrees in the West to 51 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 87 degrees at MAYFIELD 6SW and the extreme low was 37 degrees at CADIZ 4SW.

Precipitation (liq. equ.) for the period totaled 0.00 inches statewide which was 0.85 inches below normal and 0% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.86, 0.93, 0.77 and 0.84 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 0.06 inches at PADUCAH ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/28/14 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	0.00	18.99	0.45	-4.94	-2.54	85	42	66	1	96	31
Berea	0.00	27.47	1.78	2.31	-1.95	82	39	62	-2	88	38
Bowling Green	0.00	26.41	0.37	1.26	-3.10	85	44	67	2	93	30
Bristol	0.00	19.13	1.39	-2.14	-1.65	83	43	65	1	100	32
Buckhorn Lake	0.00	25.44	2.64	1.52	-0.78	79	44	63	-1	93	31
Cape Girardeau	0.00	28.87	2.05	5.42	-1.28	86	42	65	-2	100	31
Campbellsville	0.00	26.84	1.59	-1.52	-2.74	83	41	64	-1	96	53
Covington	0.00	25.78	3.18	3.63	0.49	83	45	66	2	89	31
Cumberland Gap	0.00	24.02	3.41	-1.60	0.54	82	45	64	0	100	32
Dix Dam	0.00	22.56	0.46	-2.11	-2.72	84	42	64	0	89	31
Evansville	0.00	29.16	2.55	6.98	-0.22	86	46	67	0	100	10
Glasgow	0.00	25.18	1.11	-2.00	-2.52	82	46	66	1	100	31
Grayson	0.00	23.68	2.30	0.77	-0.27	80	39	61	-3	96	49
Hardinsburg	0.00	22.51	0.61	-2.42	-2.80	86	42	66	1	100	44
Henderson	0.00	25.75	2.10	2.66	-1.13	85	41	65	-2	100	10
Huntington	0.00	27.54	3.26	4.50	0.65	80	43	63	-1	100	32
Jackson	0.00	27.51	2.46	2.56	-0.83	80	48	65	1	93	42
Lexington	0.00	34.56	4.36	10.63	1.37	85	44	66	2	89	31
London	0.01	24.31	1.38	1.19	-1.87	83	46	66	2	90	33
Louisville	0.00	26.24	3.31	2.93	0.36	86	50	69	4	89	31
Mayfield	0.00	25.91	2.27	0.45	-1.44	84	46	67	0	96	49
Nashville	0.00	24.38	0.21	0.95	-2.97	86	49	69	4	100	32
Nolin Lake	0.00	21.06	0.42	-5.61	-3.52	83	44	65	0	100	31
Paducah	0.06	28.33	0.97	3.36	-2.47	86	44	67	0	100	29
Princeton	0.00	25.57	0.97	0.55	-2.14	84	43	66	-1	96	49
Quicksand	0.00	26.65	1.93	1.70	-1.36	82	44	63	-1	96	49
Somerset	0.00	24.71	0.85	-1.49	-2.88	83	41	64	0	100	31
Spindletop	0.00	27.76	3.63	3.83	0.64	85	44	65	1	99	30
Williamstown	0.00	24.99	1.67	1.42	-1.31	81	43	63	-1	96	49

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