



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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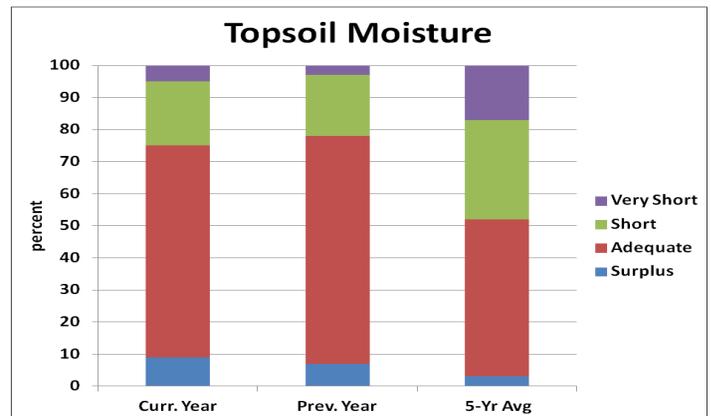
**Agricultural News:** Kentucky experienced above normal temperatures and slightly below normal rainfall over the past week. Precipitation for the week totaled 0.72 inches, 0.05 inches below normal. Temperatures averaged 76 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 5 percent very short, 20 percent short, 66 percent adequate and 9 percent surplus. **Subsoil moisture** was rated 4 percent very short, 26 percent short, 64 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

Primary activities this week included harvesting hay and tobacco, chopping silage and harvesting corn for grain. There were reports of army worms in pastures and hay fields in western Kentucky. Hay harvesting has been slowed due to above normal rainfall in eastern Kentucky. Pasture conditions continue to improve. Livestock are in mostly good to excellent condition and are benefitting from recent rains.

**SOIL MOISTURE for week ending 09/07/14**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	5	20	66	9
Subsoil	4	26	64	6

- Represents zero.



**CROP PROGRESS for week ending 09/07/14**

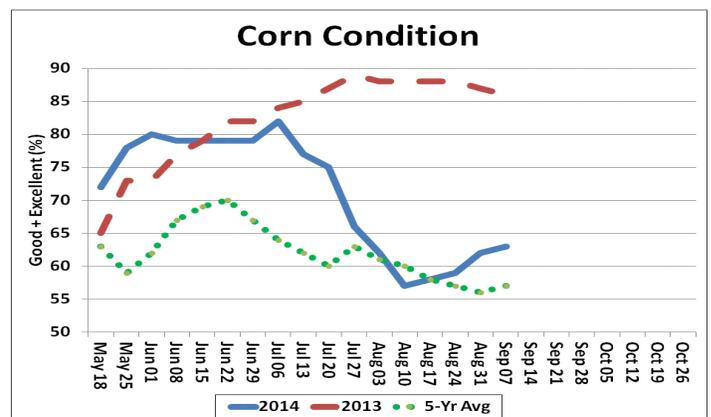
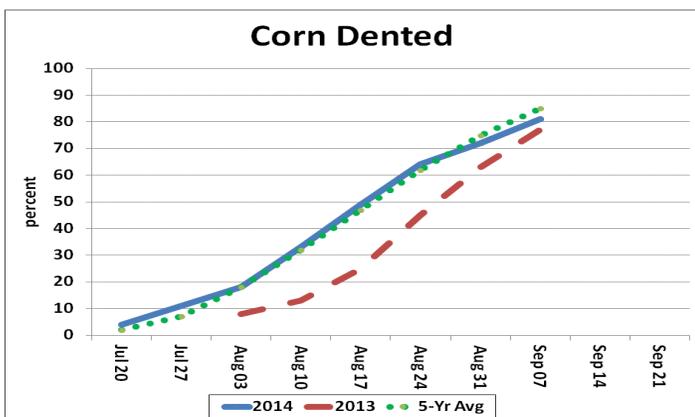
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	92	86	91	95
Corn Dent	81	72	77	85
Corn Mature	50	34	39	56
Corn Harvested	8	-	1	21
Soybeans Blooming	96	90	97	99
Soybeans Setting Pods	87	78	89	94
Soybeans Coloring	33	20	-	-
Soybeans Dropping Leaves	8	2	5	20
Tobacco Topped	91	83	89	96
Tobacco Cut	50	37	52	53

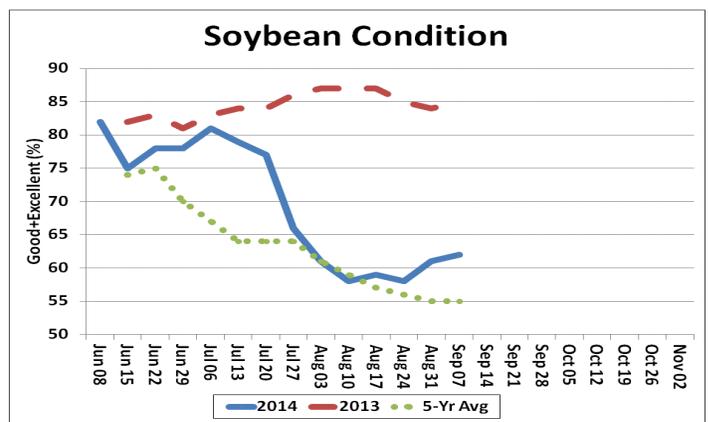
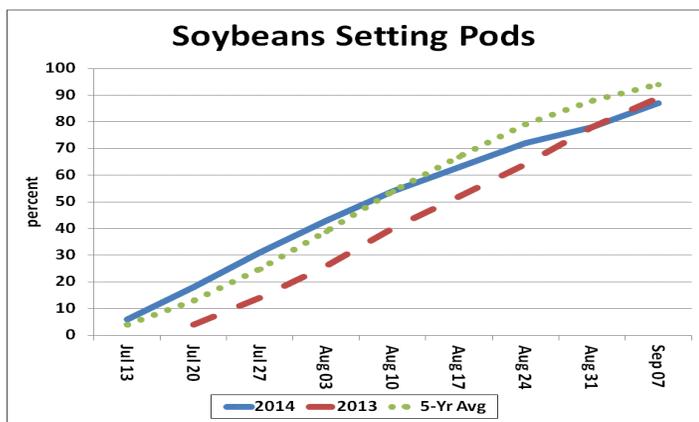
- Represents data not available.

**CROP CONDITIONS for week ending 09/07/14**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	4	11	22	48	15
Hay	1	6	24	56	13
Livestock	1	2	16	66	15
Pasture	4	11	32	44	9
Soybeans	2	8	28	48	14
Tobacco Set	1	5	21	53	20

- Represents zero.





**Kentucky Climate Summary  
For the Period September 2, 2014 to September 7, 2014**

Above Normal Temperatures and Below Normal Rainfall:

Depending on location, the first week of September kept portions of the Commonwealth wet or dry. Attention surrounded two cold fronts that pushed through the region, one on Tuesday and the other on Saturday. Each boundary sparked scattered to numerous, showers and storms across mainly the eastern half of the state. In doing so, while Eastern Kentucky saw above normal rainfall by nearly a half inch, the western half of the state was just the opposite, only averaging a third of an inch for the week. The dry conditions across Western Kentucky were compounded by above normal temperatures for a third straight week. The highest temperatures were recorded on Thursday and Friday as the mercury lifted into the upper 80s to low 90s for most. Saying this, the Bluegrass State finally got some relief on Sunday as cool and dry conditions moved in behind the cold front. This gave the Commonwealth a first look at fall with highs only rising into the mid 70s to low 80s and much less humid conditions.

Temperatures for the period averaged 76 degrees across the state which was 3 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 83 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at PADUCAH ASOS and the extreme low was 53 degrees at CARBONDALE ASOS.

Precipitation (liq. equ.) for the period totaled 0.72 inches statewide which was 0.05 inches below normal and 94% of normal. Precipitation totals by climate division, West 0.35 inches, Central 0.49 inches, Bluegrass 0.76 inches and East 1.28 inches, which was -0.36, -0.35, 0.03 and 0.49 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CALHOUN 5NW to a high of 2.35 inches at YELLOW CREEK.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/07/14 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
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	0.31	18.85	-0.67	-2.84	-0.67	91	62	78	7	193	3,246	143
Berea	1.42	27.11	2.24	4.75	2.24	88	64	75	5	178	2,971	-198
Bowling Green	0.13	26.17	5.15	3.62	5.15	91	66	78	7	198	3,555	331
Bristol	0.59	18.33	1.09	-0.66	1.09	90	65	77	7	188	3,113	155
Buckhorn Lake	1.55	24.35	4.46	3.00	4.46	86	62	74	4	170	3,085	268
Cape Girardeau	0.00	26.82	-2.22	5.87	-2.22	93	61	77	4	190	3,444	85
Campbellsville	0.92	26.17	2.27	1.06	2.27	88	65	76	5	186	3,120	-24
Covington	1.30	23.90	1.66	3.77	1.66	89	59	75	5	174	3,092	184
Cumberland Gap	1.77	22.38	0.58	-1.09	0.58	89	67	76	6	180	3,104	169
Dix Dam	0.19	22.29	2.21	0.00	2.21	88	63	77	7	188	3,148	47
Evansville	1.11	27.72	1.53	7.62	1.53	92	59	76	3	184	3,435	232
Glasgow	0.82	24.89	3.46	0.43	3.46	88	65	77	6	192	3,372	241
Grayson	0.42	21.80	0.50	0.82	0.50	87	62	75	5	177	2,907	130
Hardinsburg	0.11	22.01	0.56	-0.36	0.56	89	62	76	5	184	3,314	77
Henderson	0.66	24.31	1.37	3.64	1.37	91	58	76	3	180	3,330	68
Huntington	2.33	26.61	4.49	5.53	4.49	88	59	75	5	176	2,973	0
Jackson	1.61	26.66	2.87	4.18	2.87	87	62	75	5	176	3,238	421
Lexington	1.15	31.35	1.51	9.66	1.51	91	64	78	8	198	3,328	315
London	0.86	23.79	2.34	3.11	2.34	91	66	77	7	188	3,323	353
Louisville	0.37	23.30	1.20	2.20	1.20	93	62	80	9	209	3,688	480
Mayfield	1.46	25.10	0.35	2.42	0.35	91	66	78	5	194	3,446	181
Nashville	0.19	24.36	0.33	3.31	0.33	93	67	80	9	210	3,759	318
Nolin Lake	0.35	20.99	-0.08	-2.72	-0.08	95	65	79	8	202	3,649	667
Paducah	0.00	27.36	3.40	4.97	3.40	95	64	80	7	208	3,773	450
Princeton	0.01	24.61	3.13	1.92	3.13	90	62	76	3	185	3,384	65
Quicksand	0.96	25.68	2.62	3.20	2.62	88	64	76	6	178	3,078	261
Somerset	0.21	24.07	1.66	0.67	1.66	87	64	76	6	182	3,030	25
Spindletop	0.42	24.55	1.74	2.86	1.74	92	60	77	7	190	3,258	245
Williamstown	0.41	23.73	2.95	2.40	2.95	88	59	75	5	174	3,010	61

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