



Crop Progress and Condition

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In Cooperation with:

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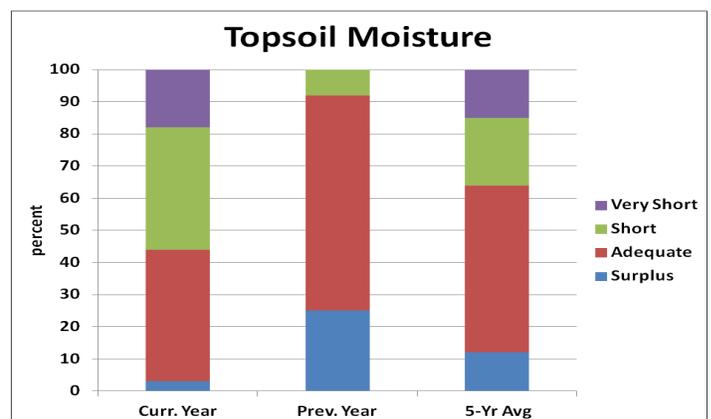
Agricultural News: Kentucky experienced dry conditions early in the week, but parts of the state received some much needed relief toward the end of the week. Precipitation for the week totaled 1.33 inches, 0.41 inches above normal. Temperatures averaged 75 degrees for the week, 1 degrees below normal. **Topsoil moisture** was rated 18 percent very short, 38 percent short, 41 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 14 percent very short, 40 percent short, 43 percent adequate, and 3 percent surplus. Days suitable for fieldwork averaged 5.9 out of a possible seven.

Primary activities this week included the beginning of tobacco harvest and a continuation of tobacco topping. Rains beginning on Friday were welcomed where received and should prove beneficial to most crops. However, recent precipitation may be a little too late for some corn fields depending on the stage of development. Many cattle herds are on hay, but the rain provided some much needed relief to pastures. Lack of overall rainfall continues to be a concern for many farmers.

SOIL MOISTURE for week ending 08/10/14

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	18	38	41	3
Subsoil	14	40	43	3

- Represents zero.



CROP PROGRESS for week ending 08/10/14

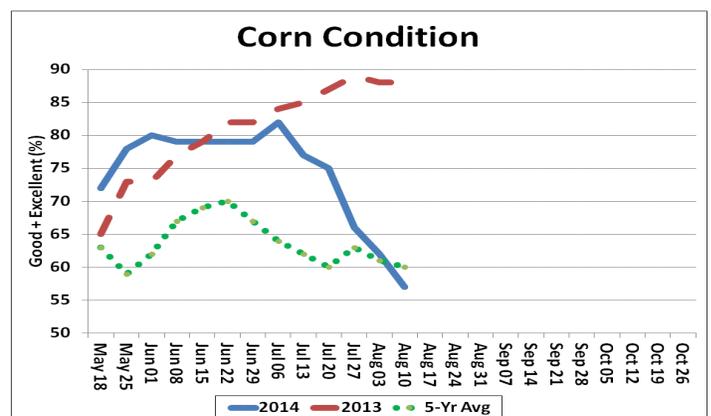
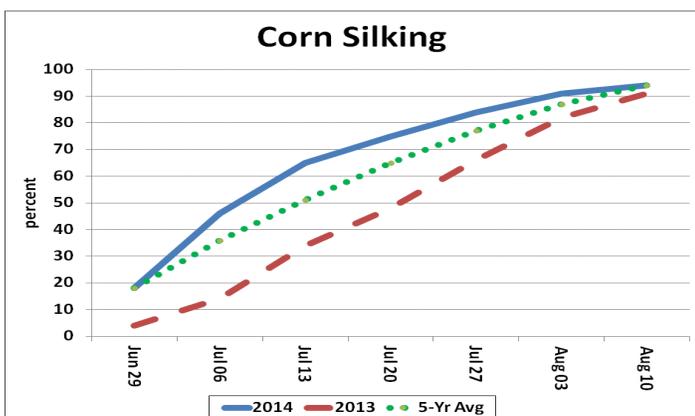
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	94	91	91	94
Corn Milked	76	65	67	75
Corn Dough	56	42	38	51
Corn Dent	33	18	13	32
Soybeans Blooming	73	65	67	79
Soybeans Setting Pods	54	43	40	54
Soybeans Coloring	3	1	-	-
Tobacco Blooming	76	67	72	73
Tobacco Topped	52	39	45	48
Tobacco Cut	5	-	5	4

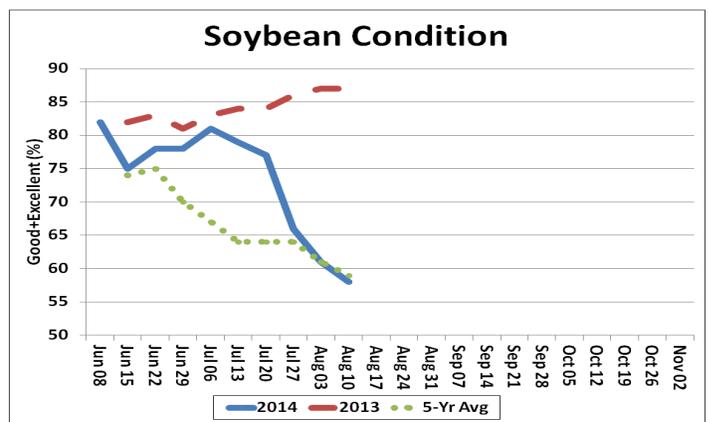
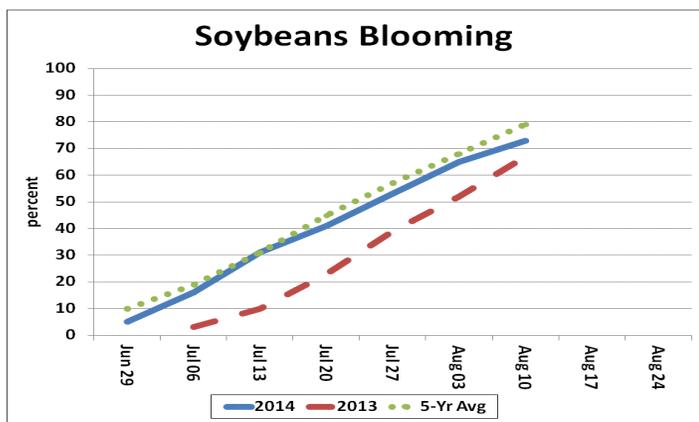
- Represents data not available.

CROP CONDITIONS for week ending 08/10/14

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	6	13	24	46	11
Pasture	7	16	36	37	4
Soybeans	7	10	25	48	10
Tobacco Set	2	6	24	53	15

- Represents zero.





**Kentucky Climate Summary
For the Period August 4, 2014 to August 10, 2014**

Below Normal Temperatures and Above Normal Rainfall:

Showers and storms pushed into the Bluegrass State this past period and could not have come at a better time. Leading up to this past Thursday, Kentucky started the week on a dry note with surface high pressure situated across the region. Combined with a very dry previous period, the Commonwealth saw moderate drought expand to consume 19% of the state, mainly across the western half of Kentucky. By Thursday, the pattern shifted dramatically. A frontal boundary stalled in the vicinity of the Lower Ohio Valley and remained through the weekend. Most activity remained across Western Kentucky through the remainder of the work week, before shifting east over the weekend. Each day featured scattered to numerous showers and thunderstorms. Storms remained under severe limits, but some were efficient rainfall producers with torrential rainfall at times. One of the most significant cases was over Lexington Sunday morning, when over 2 inches was reported in 1 hour. Over the course of the period, the state was nearly a half inch above normal and temperatures were below normal for the 6th straight week.

Temperatures for the period averaged 75 degrees across the state which was 1 degree cooler than normal and 6 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 81 in the East. Departure from normal high temperatures ranged from near normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 95 degrees at FORT CAMPBELL and the extreme low was 55 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 1.33 inches statewide which was 0.41 inches above normal and 144% of normal. Precipitation totals by climate division, West 1.26 inches, Central 1.37 inches, Bluegrass 1.22 inches and East 1.49 inches, which was 0.37, 0.47, 0.32 and 0.48 inches above normal. By station, precipitation totals ranged from a low of 0.01 inches at ALEXANDRIA 5NW to a high of 6.42 inches at LEXINGTON APT.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/10/14 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	0.62	16.11	-1.60	-2.17	-1.60	92	60	76	1	180	2,495	23
Berea	2.22	21.23	2.76	2.50	2.76	84	56	72	-3	154	2,295	-229
Bowling Green	3.99	17.77	1.39	-1.53	1.39	94	58	79	4	201	2,762	194
Bristol	0.80	14.33	1.83	-1.75	1.83	87	54	73	-2	159	2,422	80
Buckhorn Lake	2.63	16.56	3.57	-1.47	3.57	83	58	71	-4	146	2,436	198
Cape Girardeau	2.51	25.84	1.21	8.08	1.21	89	59	76	-1	186	2,657	-32
Campbellsville	0.65	19.72	-0.09	-1.21	-0.09	87	56	74	-1	169	2,416	-85
Covington	0.69	19.30	-0.96	2.11	-0.96	89	59	74	-1	170	2,374	74
Cumberland Gap	1.02	18.15	1.88	-1.67	1.88	86	59	74	-1	166	2,412	88
Dix Dam	0.22	16.64	0.06	-2.21	0.06	86	60	74	-1	170	2,433	-28
Evansville	1.56	23.39	-0.88	6.09	-0.88	90	64	77	0	192	2,650	94
Glasgow	1.50	17.79	-1.32	-3.03	-1.32	92	58	77	2	190	2,624	140
Grayson	0.20	18.12	-0.12	0.32	-0.12	84	57	71	-4	148	2,230	45
Hardinsburg	1.55	18.04	-1.41	-0.92	-1.41	93	59	77	2	188	2,576	-4
Henderson	0.44	19.99	-2.51	2.28	-2.51	89	59	77	0	186	2,572	-35
Huntington	0.27	18.80	0.34	1.04	0.34	84	58	71	-4	150	2,300	-59
Jackson	3.41	20.25	4.64	1.31	4.64	83	59	72	-3	155	2,547	309
Lexington	6.41	26.43	5.33	8.15	5.33	87	60	75	0	173	2,564	178
London	1.57	18.40	4.41	0.77	4.41	87	59	75	0	174	2,586	225
Louisville	2.52	18.96	2.10	1.00	2.10	90	66	78	3	196	2,868	323
Mayfield	0.43	21.23	-2.76	2.07	-2.76	93	60	78	1	198	2,638	27
Nashville	2.19	20.89	1.13	2.98	1.13	97	63	80	5	213	2,926	184
Nolin Lake	1.00	17.55	-0.86	-2.64	-0.86	92	58	78	3	196	2,827	460
Paducah	1.33	20.84	-1.58	1.57	-1.58	94	62	80	3	206	2,918	264
Princeton	2.72	17.99	-0.16	-1.20	-0.16	91	59	78	1	195	2,618	-30
Quicksand	2.44	19.52	4.76	0.58	4.76	84	60	73	-2	160	2,382	144
Somerset	1.26	18.82	-0.69	-0.99	-0.69	87	57	74	-1	168	2,334	-59
Spindletop	1.80	19.40	0.50	1.12	0.50	88	61	74	-1	171	2,508	122
Williamstown	0.32	17.51	-1.13	-0.55	-1.13	85	60	72	-3	157	2,314	-21

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