



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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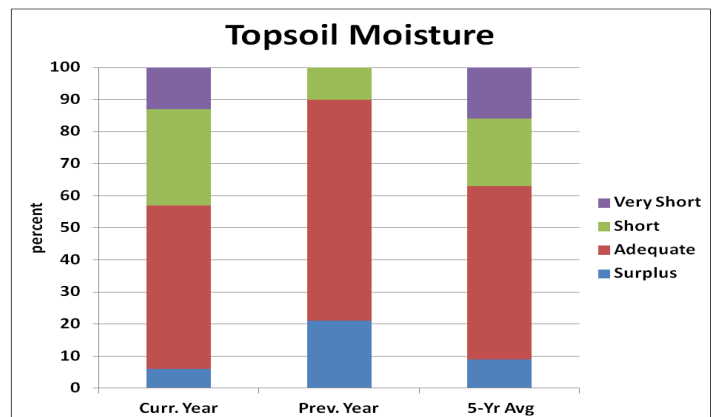
Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.29 inches, 0.43 inches above normal. Temperatures averaged 72 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 13 percent very short, 30 percent short, 51 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 12 percent very short, 35 percent short, 49 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible seven.

Primary activities this week included harvesting hay and topping and cutting tobacco. Rainfall received last week was beneficial to most all crops. However, depending on the stage of corn development, rains may be to late to improve conditions. Some producers are concerned that late planted double crop soybeans may be in danger if there is an early frost. There were reports of stink bugs active in soybeans. Recent precipitation has improved hay and pasture conditions.

SOIL MOISTURE for week ending 08/17/14

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	13	30	51	6
Subsoil	12	35	49	4

- Represents zero.



CROP PROGRESS for week ending 08/17/14

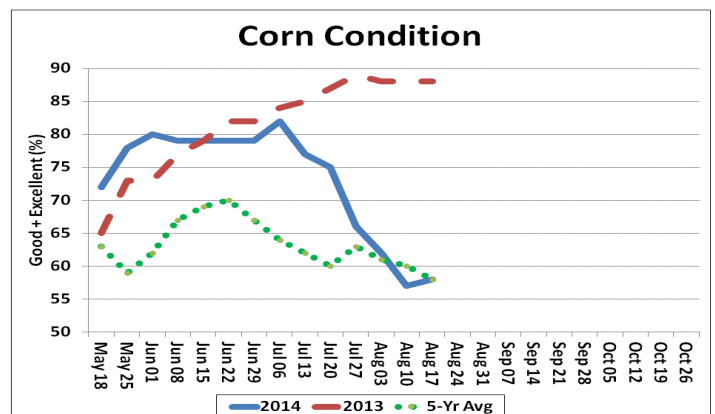
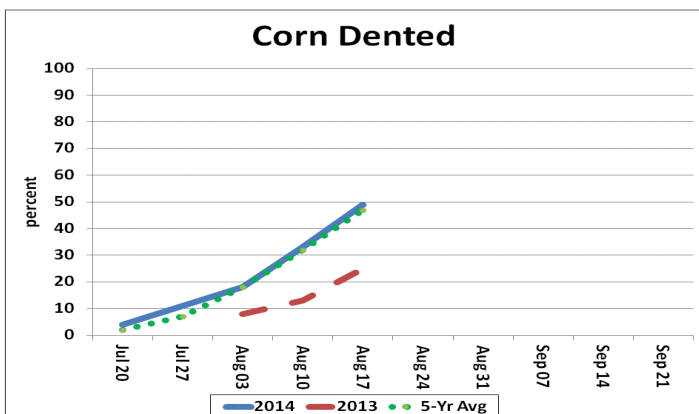
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	97	94	95	98
Corn Milked	86	76	77	86
Corn Dough	70	56	52	66
Corn Dent	49	33	25	47
Corn Mature	6	-	2	12
Soybeans Blooming	78	73	78	87
Soybeans Setting Pods	63	54	52	67
Soybeans Coloring	8	3	-	-
Tobacco Blooming	84	76	82	85
Tobacco Topped	64	52	58	64
Tobacco Cut	16	5	14	14

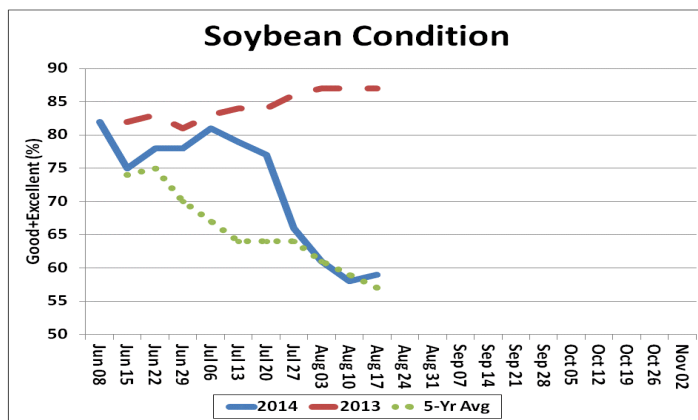
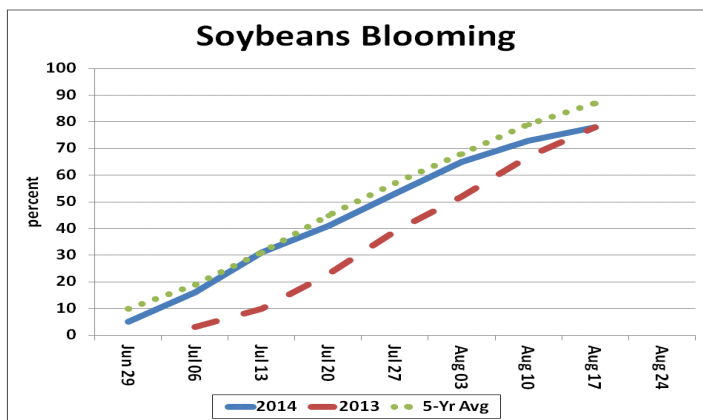
- Represents data not available.

CROP CONDITIONS for week ending 08/17/14

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	5	13	24	46	12
Pasture	6	15	35	38	6
Soybeans	5	10	26	48	11
Tobacco Set	2	6	23	53	16

- Represents zero.





**Kentucky Climate Summary
For the Period August 11, 2014 to August 17, 2014**

Below Normal Temperatures and Above Normal Rainfall:

The wet and cool pattern continued for the Lower Ohio Valley this past period. Kentucky saw above normal precipitation for the fourth time over the past five weeks with a state average over an inch. Most of the rainfall came over the course of two days. The first event occurred on Monday as a cluster of showers and storms pushed east across the Commonwealth, followed by a trailing cold front. South-central portions of Kentucky came out the winners with much of the region picking up over an inch. The second came over the latter half of the weekend as low pressure slowly meandered across the Ohio Valley. As was the case with both events, Kentucky was situated within a very moist air mass, leading to torrential rainfall at times. Looking at areas suffering from drought stress, most regions saw beneficial rainfall, with the exception of the Purchase. Following the cold front earlier in the week, temperatures remained cool for much of the period. High temperatures typically only rose into the upper 70s to mid 80s, which pushed the state to a seventh straight week of below normal temperatures.

Temperatures for the period averaged 72 degrees across the state which was 4 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 83 in the West to 79 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 64 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 91 degrees at POPLAR BLUFF ASOS and the extreme low was 48 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 1.29 inches statewide which was 0.43 inches above normal and 150% of normal. Precipitation totals by climate division, West 1.48 inches, Central 1.80 inches, Bluegrass 0.95 inches and East 0.91 inches, which was 0.68, 0.96, 0.08 and -0.03 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at POPLAR BLUFF ASOS to a high of 5.26 inches at GREENVILLE 6N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/17/14 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
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.90	17.01	-2.38	-2.16	-2.38	92	55	73	-1	161	2,656	17
Berea	0.64	21.87	0.71	2.24	0.71	81	53	70	-4	138	2,432	-262
Bowling Green	2.26	20.03	2.69	-0.06	2.69	87	58	74	0	171	2,933	192
Bristol	0.67	15.00	0.25	-1.80	0.25	83	55	71	-3	145	2,568	64
Buckhorn Lake	1.22	17.78	2.83	-1.07	2.83	80	55	69	-5	136	2,572	181
Cape Girardeau	0.31	26.15	0.74	7.61	0.74	87	56	74	-2	170	2,826	-40
Campbellsville	0.38	20.10	-1.67	-1.87	-1.67	81	54	70	-4	140	2,556	-114
Covington	1.28	20.58	-0.20	2.63	-0.20	84	51	71	-3	148	2,522	60
Cumberland Gap	0.81	18.96	-1.04	-1.83	-1.04	82	55	70	-4	140	2,553	68
Dix Dam	2.06	18.70	-0.15	-1.03	-0.15	83	56	71	-3	147	2,580	-49
Evansville	2.34	25.73	1.12	7.72	1.12	86	58	74	-2	166	2,816	89
Glasgow	2.09	19.88	-0.11	-1.85	-0.11	83	56	72	-2	155	2,779	125
Grayson	0.57	18.69	-1.73	0.04	-1.73	81	48	70	-4	141	2,372	29
Hardinsburg	1.99	20.03	0.65	0.22	0.65	84	55	72	-2	154	2,729	-23
Henderson	1.82	21.81	-0.73	3.38	-0.73	84	58	73	-3	163	2,734	-45
Huntington	0.58	19.38	-1.40	0.73	-1.40	83	50	70	-4	142	2,442	-80
Jackson	0.47	20.72	2.12	0.87	2.12	82	55	71	-3	145	2,692	301
Lexington	1.02	27.45	4.94	8.28	4.94	84	57	72	-2	156	2,720	168
London	1.00	19.40	0.15	1.02	0.15	83	56	72	-2	153	2,738	216
Louisville	1.09	20.05	1.89	1.29	1.89	86	60	74	0	170	3,038	317
Mayfield	0.15	21.38	-2.95	1.36	-2.95	87	55	74	-2	170	2,808	26
Nashville	0.75	21.64	0.19	2.95	0.19	90	59	76	2	183	3,109	184
Nolin Lake	1.27	18.82	-0.19	-2.22	-0.19	92	56	75	1	178	3,004	475
Paducah	1.21	22.05	-0.56	2.03	-0.56	90	57	76	0	182	3,100	270
Princeton	2.09	20.08	1.20	-0.02	1.20	85	54	73	-3	160	2,779	-45
Quicksand	0.72	20.24	3.09	0.39	3.09	83	56	71	-3	150	2,532	141
Somerset	1.28	20.10	-0.58	-0.60	-0.58	81	53	70	-4	142	2,475	-80
Spindletop	0.38	19.78	0.30	0.61	0.30	84	56	72	-2	153	2,660	108
Williamstown	0.28	17.79	-1.02	-1.12	-1.02	82	52	70	-4	142	2,456	-41

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