



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

Released: September 2, 2014

Issue: 22-14

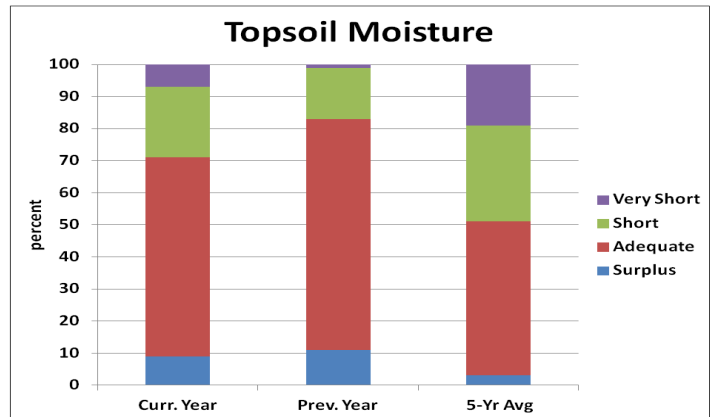
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.25 inches, 0.50 inches above normal. Temperatures averaged 78 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 7 percent very short, 22 percent short, 62 percent adequate and 9 percent surplus. **Subsoil moisture** was rated 6 percent very short, 28 percent short, 61 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

Primary activities this week included harvesting and baling hay and topping and cutting tobacco. Pasture conditions continued to improve with wide coverage of rainfall throughout the state. However, rainfall has been causing delays to late hay harvest and cutting tobacco. Corn harvest has begun, mostly for silage to date. However, some early corn for grain in western Kentucky has also been harvested. With continued warm weather, farmers are expecting the corn harvest to become widespread in the coming weeks.

SOIL MOISTURE for week ending 08/31/14

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	7	22	62	9
Subsoil	6	28	61	5

- Represents zero.



CROP PROGRESS for week ending 08/31/14

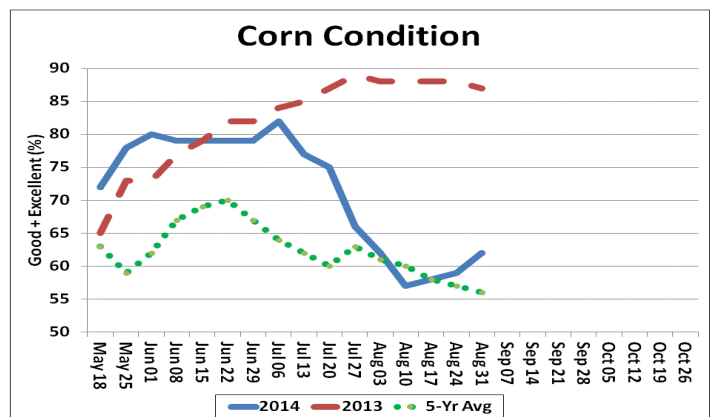
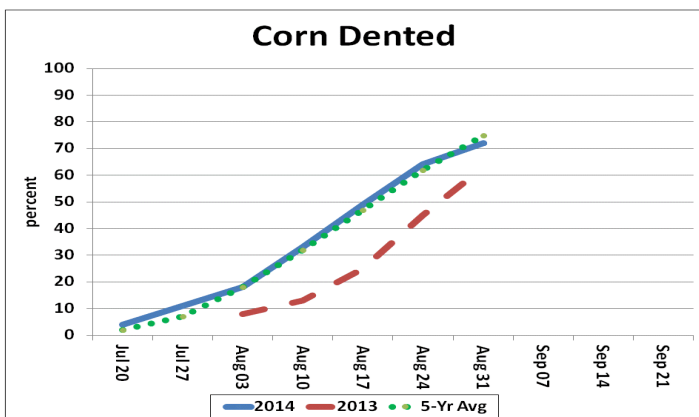
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	95	92	95	97
Corn Dough	86	80	83	89
Corn Dent	72	64	63	75
Corn Mature	34	21	20	42
Soybeans Blooming	90	86	92	98
Soybeans Setting Pods	78	72	78	88
Soybeans Coloring	20	15	-	-
Soybeans Dropping Leaves	2	-	2	10
Tobacco Blooming	96	91	91	98
Tobacco Topped	83	74	80	86
Tobacco Cut	37	27	39	39

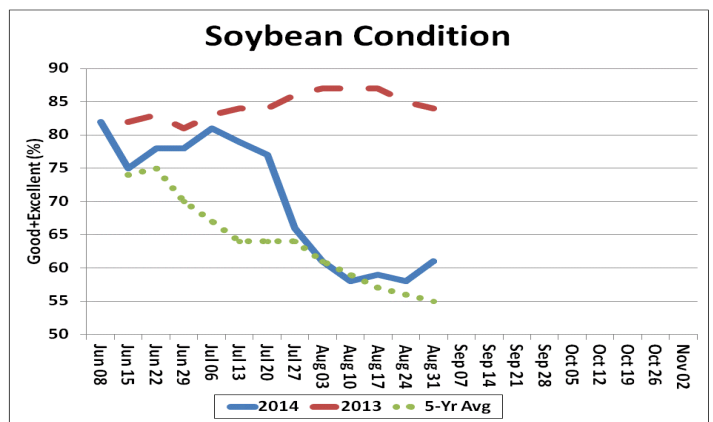
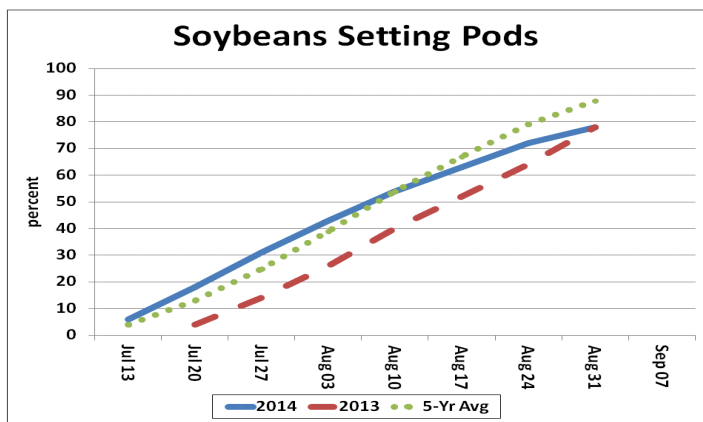
- Represents data not available.

CROP CONDITIONS for week ending 08/31/14

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	4	11	23	48	14
Pasture	4	12	35	41	8
Soybeans	2	9	28	48	13
Tobacco Set	1	6	21	53	19

- Represents zero.





**Kentucky Climate Summary
For the Period August 25, 2014 to August 31, 2014**

Above Normal Temperatures and Rainfall:

Hot, humid, and wet conditions persisted across the Commonwealth for a second straight week. An upper level ridge of high pressure was situated over the area for the first half of the work week. This extended an already drawn-out heat wave from the previous period. Highs repeatedly pushed into the upper 80s to middle 90s each day. Accompanied by dewpoints in the 70s, the livestock heat stress index hovered in the danger to emergency category each afternoon and evening. Focus then turned toward a very active second half of the week. Isolated to scattered storms fired on a daily basis between Wednesday and Friday as a frontal boundary meandered across the state and combined with a moist and unstable air mass. The unsettled pattern then continued into the holiday weekend as the Ohio Valley was placed in a southwesterly flow pattern. Scattered to numerous showers and storms developed within this regime as deep gulf moisture pushed into the region. Over the course of the week, the state averaged 1.25 inches, which pushed Kentucky to a fourth straight week of above normal rainfall.

Temperatures for the period averaged 78 degrees across the state which was 4 degrees warmer than normal and no change to the previous period. High temperatures averaged from 89 in the West to 85 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to near normal in the East. Low temperatures averaged from 70 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 98 degrees at MAYFIELD 6SW and the extreme low was 57 degrees at BLACK MOUNTAIN ARC.

Precipitation (liq. equ.) for the period totaled 1.25 inches statewide which was 0.50 inches above normal and 168% of normal. Precipitation totals by climate division, West 1.51 inches, Central 1.50 inches, Bluegrass 0.62 inches and East 1.39 inches, which was 0.84, 0.72, -0.12 and 0.60 inches respectively from normal. By station, precipitation totals ranged from a low of 0.12 inches at SHELBYVILLE 10W to a high of 4.72 inches at PADUCAH ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/31/14 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	0.01	18.54	-0.50	-2.40	-0.50	91	67	79	7	202	3,053	80
Berea	2.25	25.69	3.08	4.26	3.08	90	61	75	4	175	2,794	-240
Bowling Green	3.37	26.04	9.09	4.36	9.09	92	69	80	8	208	3,358	270
Bristol	0.71	17.74	1.35	-0.49	1.35	92	56	74	3	172	2,924	94
Buckhorn Lake	0.39	22.80	5.57	2.30	5.57	87	59	74	3	168	2,916	220
Cape Girardeau	0.63	26.82	0.34	6.70	0.34	94	67	80	6	210	3,255	34
Campbellsville	1.60	25.25	2.05	1.22	2.05	89	65	77	5	187	2,934	-75
Covington	0.16	22.60	0.96	3.14	0.96	92	67	79	8	202	2,918	133
Cumberland Gap	0.97	20.61	-0.43	-2.14	-0.43	91	61	76	5	179	2,924	116
Dix Dam	0.54	22.10	2.16	0.61	2.16	89	65	77	6	187	2,960	-6
Evansville	0.83	26.61	1.97	7.20	1.97	96	71	81	7	220	3,250	181
Glasgow	2.24	24.07	4.14	0.52	4.14	90	68	78	6	197	3,180	185
Grayson	0.76	21.38	0.07	1.04	0.07	89	60	75	4	175	2,730	72
Hardinsburg	0.87	21.90	2.00	0.38	2.00	90	67	79	7	200	3,130	33
Henderson	1.48	23.65	1.24	3.79	1.24	92	69	79	5	206	3,150	27
Huntington	0.37	24.28	2.19	3.85	2.19	89	60	75	4	172	2,798	-50
Jackson	2.15	25.05	4.59	3.39	4.59	89	63	76	5	179	3,062	366
Lexington	0.49	30.20	6.63	9.26	6.63	92	68	79	8	204	3,130	245
London	2.59	22.93	3.11	3.06	3.11	90	62	77	6	190	3,136	291
Louisville	0.62	22.93	3.29	2.57	3.29	94	71	82	10	224	3,479	407
Mayfield	2.25	23.64	-0.62	1.89	-0.62	95	70	81	7	214	3,252	128
Nashville	1.82	24.17	2.34	3.92	2.34	94	70	81	9	216	3,550	257
Nolin Lake	0.02	20.64	0.70	-2.09	0.70	95	67	82	10	222	3,446	593
Paducah	4.72	27.36	4.83	5.83	4.83	96	71	82	8	226	3,565	382
Princeton	3.64	24.60	5.71	2.69	5.71	92	68	79	5	206	3,200	24
Quicksand	2.65	24.72	4.02	3.06	4.02	89	61	75	4	178	2,900	204
Somerset	1.71	23.86	2.76	1.39	2.76	89	63	76	5	182	2,847	-32
Spindletop	1.05	24.13	2.98	3.19	2.98	94	66	79	8	201	3,068	183
Williamstown	0.43	23.32	2.76	2.73	2.76	89	65	77	6	188	2,835	14

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