



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

Released: August 17, 2015

Issue: 24-15

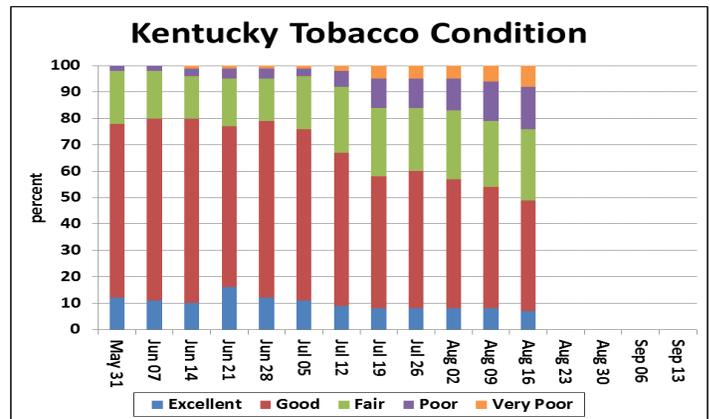
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.43 inches, 0.44 inches below normal. Temperatures averaged 74 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 10 percent short, 78 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 0 percent very short, 7 percent short, 83 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven.

Primary activities this week included cutting hay, topping and cutting tobacco and spraying late soybeans for disease and insect control. Some previously flooded fields were finally dry enough to allow for soybean replanting to occur. Crops are experiencing disease and insect pressure, especially in fields that were unable to be treated due to wet conditions. While some tobacco fields are recovering from the wet conditions earlier in the season, overall conditions still reflect signs of stress. Forty-nine percent of tobacco is rated as good to excellent compared to fifty-four percent last week and sixty-nine percent last year. Pasture conditions are holding up well due to the moisture that has been received this year, but growth is beginning to slow due to recent drier weather. Livestock are reportedly in good shape and have benefitted from good pasture conditions.

SOIL MOISTURE for week ending 08/16/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	10	78	11
Subsoil	-	7	83	10

- Represents zero.



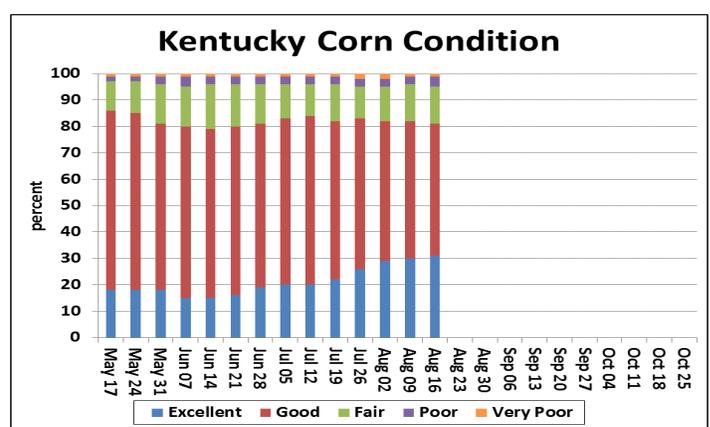
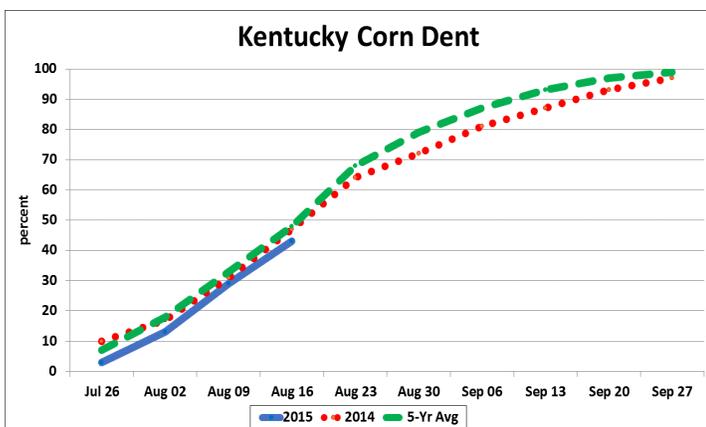
CROP PROGRESS for week ending 08/16/15

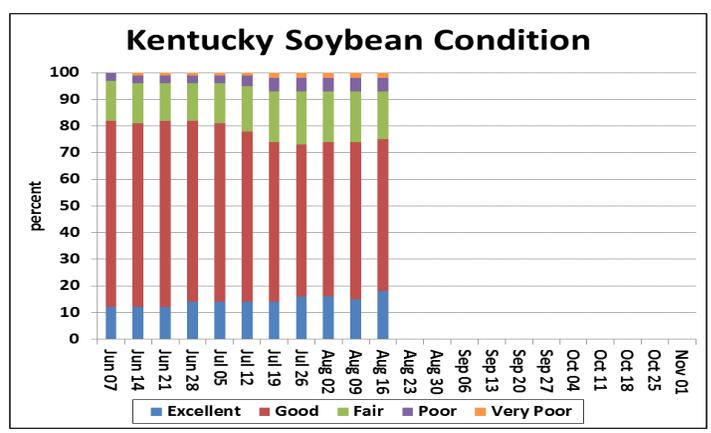
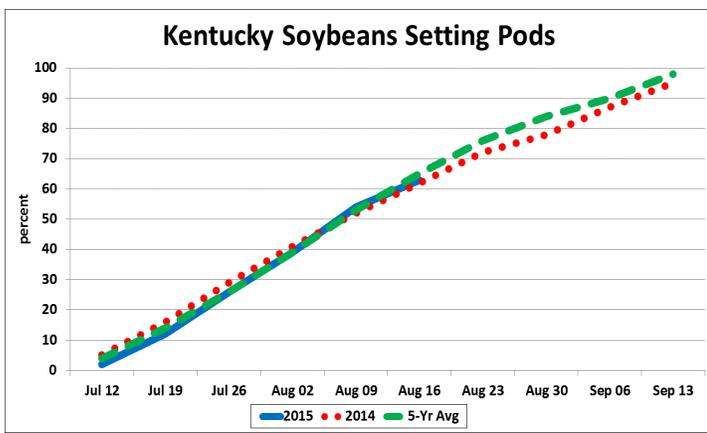
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	87	77	85	85
Corn Dough	66	56	68	67
Corn Dent	43	29	47	48
Corn Mature	3	-	5	11
Soybeans Blooming	84	77	77	84
Soybeans Setting Pods	63	54	62	65
Soybeans Coloring	4	2	7	-
Tobacco Blooming	85	76	83	83
Tobacco Topped	65	54	62	61
Tobacco Cut	14	5	14	13

- Represents zero or not available.

CROP CONDITIONS for week ending 08/16/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	14	50	31
Pasture	1	4	17	62	16
Soybeans	2	5	18	57	18
Tobacco Set	8	16	27	42	7





**Kentucky Climate Summary
For the Period August 10, 2015 to August 16, 2015**

Below Normal Temperatures and Rainfall:

This past period was mostly dry for much of the Bluegrass State. After a round of scattered showers and storms ahead of a cold front on Monday, high pressure of Canadian origin filtered into the Lower Ohio Valley by mid-week. This feature brought unseasonably cool temperatures and low humidity to the area with highs on Wednesday and Thursday only rising into the upper 70s to mid-80s. These readings would be more typical of mid-September and led the state to a second straight week of slightly below normal temperatures. Showers and storms returned over the weekend, but remained isolated to widely scattered in coverage. Overall, the state was nearly a half inch below normal for the period.

Temperatures for the period averaged 74 degrees across the state which was 2 degrees cooler than normal and no change to the previous period. High temperatures averaged from 85 in the West to 84 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 65 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 92 degrees at LOUISVILLE APT and the extreme low was 54 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 0.43 inches statewide which was 0.44 inches below normal and 50% of normal. Precipitation totals by climate division, West 0.45 inches, Central 0.51 inches, Bluegrass 0.34 inches and East 0.44 inches, which was 0.35, 0.34, 0.53 and 0.51 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ELKTON 5SW to a high of 2.03 inches at BOWLING GREEN 5S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/16/15 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>				
Bardstown	0.02	31.16	5.08	12.12	1.12	89	56	74	-1	164	2,808	193
Berea	0.12	29.99	3.00	10.49	-0.77	90	56	74	0	166	2,622	-48
Bowling Green	0.76	22.64	2.16	2.66	-1.49	89	59	77	2	186	3,150	434
Bristol	0.63	17.57	3.08	0.87	-0.23	89	58	75	1	174	2,816	335
Buckhorn Lake	0.01	23.53	3.63	4.80	-0.13	85	54	71	-3	150	2,612	243
Cape Girardeau	0.76	26.31	3.78	7.88	0.61	89	60	76	0	182	3,108	267
Campbellsville	0.01	26.99	1.92	5.17	-2.52	86	56	72	-3	157	2,680	34
Covington	0.57	21.16	2.99	3.32	-0.38	89	58	73	-1	162	2,604	165
Cumberland Gap	0.93	24.21	1.89	3.56	-2.38	86	56	74	0	165	2,728	266
Dix Dam	0.34	33.45	2.95	13.85	-0.98	87	56	72	-2	155	2,662	57
Evansville	0.05	23.50	2.44	5.59	-0.73	91	63	77	1	190	2,966	264
Glasgow	0.03	25.53	1.70	3.93	-2.44	88	57	74	-1	170	2,863	233
Grayson	0.80	32.67	5.46	14.14	1.64	86	54	72	-2	152	2,500	180
Hardinsburg	0.02	22.60	3.30	2.91	-0.50	88	58	74	-1	167	2,788	60
Henderson	0.12	26.43	4.35	8.10	1.13	89	60	75	-1	176	2,915	161
Huntington	0.53	22.73	2.76	4.21	-1.18	89	53	73	-1	158	2,587	88
Jackson	0.80	31.26	3.95	11.54	-0.15	86	59	74	0	170	2,768	399
Lexington	0.12	30.03	2.42	10.99	-1.54	90	56	74	0	165	2,716	188
London	0.11	24.55	1.99	6.28	-1.56	89	59	75	1	175	2,908	409
Louisville	0.50	31.90	3.41	13.25	-0.16	92	65	78	3	192	3,156	460
Mayfield	0.40	28.61	6.95	8.71	3.24	86	61	75	-1	176	2,994	236
Nashville	0.59	21.54	4.31	2.96	0.99	92	61	78	3	199	3,244	345
Nolin Lake	0.29	30.26	3.96	9.34	0.07	92	58	76	1	182	3,140	634
Paducah	0.25	23.57	3.31	3.66	-0.04	91	61	77	1	186	3,186	381
Princeton	0.10	23.71	4.94	3.74	1.21	90	60	76	0	180	2,933	134
Quicksand	0.44	24.84	2.65	5.12	-1.45	88	57	74	0	171	2,688	319
Somersset	0.08	26.53	3.24	5.96	-0.68	86	56	72	-2	155	2,620	88
Spindletop	0.50	37.61	4.22	18.57	0.26	90	56	74	0	172	2,800	272
Williamstown	0.08	27.38	1.45	8.59	-2.23	87	55	72	-2	154	2,528	54

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