



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: July 18, 2016

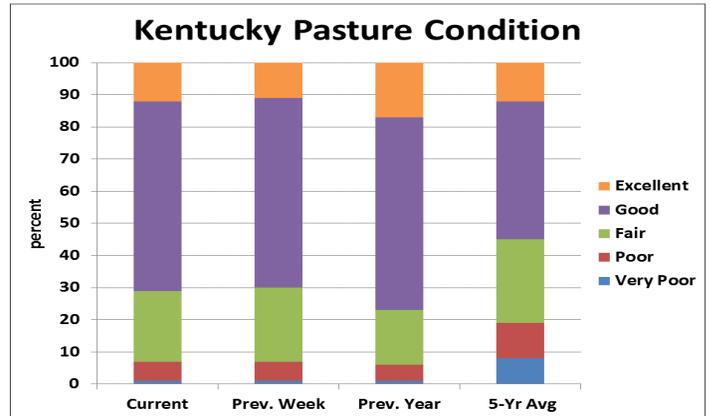
Issue: 20-16

Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.94 inches, 0.06 inches below normal. Temperatures averaged 78 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 1 percent very short, 4 percent short, 66 percent adequate and 29 percent surplus. **Subsoil moisture** was rated 1 percent very short, 6 percent short, 70 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 4.3 out of a possible seven.

Primary activities this week included cutting hay, spraying herbicides, and making fungicide applications when weather conditions permitted. Scattered storms continued over the past week with most of the accumulation in the western portion of the state. Reports of flooding and standing water in low lying fields persisted, with some farmers replanting soybeans in wet spots. Crop damage and expectations remain varied throughout the state, with the potential for entire crop losses. Early planted crops seem to be fairing much better than later planted crops. Many tobacco fields have patches of scald, along with reports of black shank and overgrown weeds.

SOIL MOISTURE for week ending 07/17/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	4	66	29
Subsoil	1	6	70	23



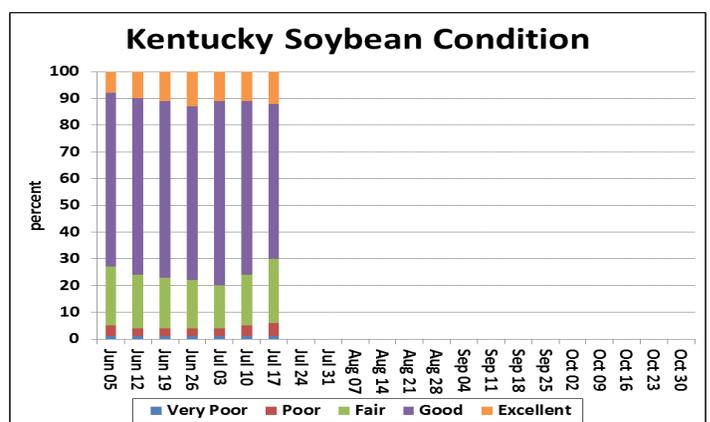
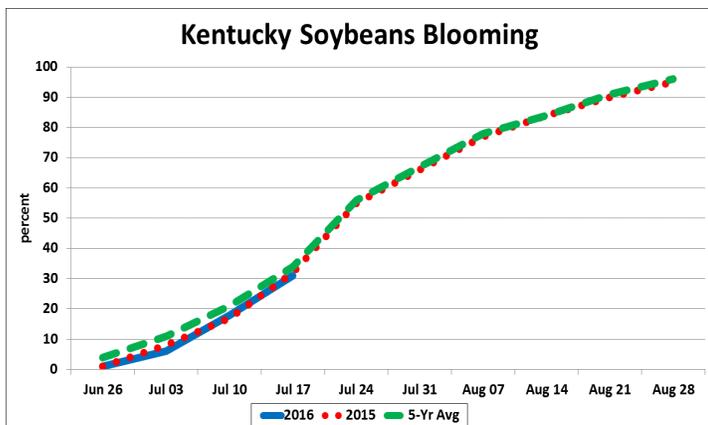
CROP PROGRESS for week ending 07/17/16

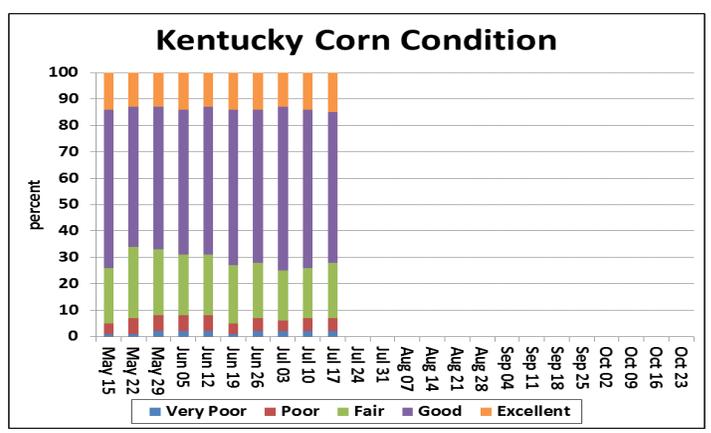
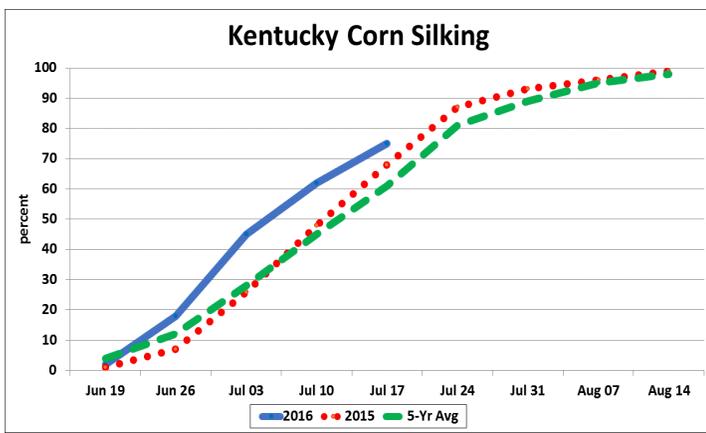
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	75	62	68	61
Corn Milked	36	19	29	25
Corn Dough	15	2	10	9
Soybeans Blooming	31	18	32	34
Soybeans Setting Pods	8	-	9	9
Tobacco Blooming	17	10	33	27
Tobacco Topped	5	2	12	9

CROP CONDITIONS for week ending 07/17/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	21	57	15
Pasture	1	6	22	59	12
Soybeans	1	5	24	58	12
Tobacco Set	4	8	28	51	9

- Represents not available.





**Kentucky Climate Summary
For the Period July 11, 2016 to July 17, 2016**

Above Normal Temperatures and Below Normal Rainfall:

After one of the wettest weeks in years, an active pattern carried over into this past period. Showers and storms developed about each day of the week, but coverage was not as widespread across the state. While Western Kentucky averaged over 1.5 inches for the week, eastern portions of the state were around a half inch. According to data at the Ag Weather Center, Western Kentucky has averaged 8.44 inches of rainfall through July 17th, which is over 6 inches above normal. Any storms that did develop through the period were heavy rainfall producers as the state remained situated within a moist air mass. Temperatures were slightly above normal for a second straight week. Normal high temperatures for this time of year rise into the middle 80s to around 90, while lows drop into the middle 60s to around 70.

Temperatures for the period averaged 78 degrees across the state which was 1 degree warmer than normal and no change to the previous period. High temperatures averaged from 88 in the West to 87 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to near normal in the East. Low temperatures averaged from 70 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 93 degrees at BOWLING GREEN APT and the extreme low was 60 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.94 inches statewide which was 0.06 inches below normal and 94% of normal. Precipitation totals by climate division, West 1.54 inches, Central 0.94 inches, Bluegrass 0.79 inches and East 0.50 inches, which was 0.56, -0.08, -0.19 and -0.53 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at BIG SANDY to a high of 7.18 inches at CALHOUN 5NW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/17/16 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	17.78	7.88	3.03	3.80	92	64	78	2	195	1,913	28
Berea	0.17	19.65	8.21	4.21	4.34	88	61	77	2	186	1,750	-181
Bowling Green	1.28	16.39	8.02	0.36	3.89	93	67	81	5	216	2,194	238
Bristol	0.16	11.88	2.43	-1.23	-1.24	91	61	77	2	186	1,898	122
Buckhorn Lake	0.37	17.70	6.79	3.04	2.61	88	62	76	1	185	1,816	111
Cape Girardeau	0.35	17.47	3.42	2.44	0.21	93	67	81	3	218	2,132	74
Campbellsville	0.23	20.20	6.48	3.17	2.01	89	62	77	1	190	1,816	-91
Covington	0.53	12.83	3.50	-1.37	-0.23	90	62	77	2	189	1,776	49
Cumberland Gap	0.97	21.63	9.04	5.59	4.59	91	62	77	2	186	1,832	67
Dix Dam	1.21	20.74	7.67	5.39	3.60	88	64	78	3	192	1,824	-47
Evansville	1.15	19.91	8.98	5.43	5.48	91	67	79	1	204	1,982	38
Glasgow	2.02	26.69	12.64	9.57	8.04	89	67	78	2	198	1,964	79
Grayson	0.66	19.28	5.17	4.88	1.10	90	63	77	2	190	1,716	71
Hardinsburg	1.04	16.49	6.58	0.90	2.57	91	64	78	2	194	1,909	-63
Henderson	2.94	19.49	6.58	4.65	2.95	91	67	79	1	201	2,028	31
Huntington	0.85	19.67	6.55	5.41	2.49	92	61	78	3	193	1,872	85
Jackson	0.17	20.51	7.81	5.23	3.53	89	66	78	3	194	1,928	223
Lexington	0.98	17.28	4.74	2.53	0.66	90	65	78	3	197	1,920	120
London	0.91	17.07	6.77	2.66	2.83	89	63	77	2	190	1,915	120
Louisville	0.82	15.08	4.41	0.30	0.67	93	70	81	5	216	2,178	251
Mayfield	1.46	29.33	10.53	13.44	6.83	91	67	79	1	204	2,048	33
Nashville	0.26	12.67	7.33	-2.33	3.84	95	70	82	6	222	2,366	265
Nolin Lake	1.83	23.52	13.11	6.82	8.90	94	65	80	4	214	2,187	384
Paducah	0.45	17.10	6.98	0.80	3.20	93	68	82	4	221	2,208	180
Princeton	0.77	22.53	11.17	6.57	7.41	91	68	79	1	204	1,992	-39
Quicksand	0.38	22.47	9.08	7.19	4.80	91	63	77	2	192	1,794	89
Somerset	0.12	19.72	6.94	3.38	2.70	88	63	77	2	187	1,804	-22
Spindletop	0.64	21.43	5.14	6.68	1.06	91	65	79	4	203	1,920	120
Williamstown	0.69	18.36	6.24	3.55	2.37	88	63	76	1	182	1,698	-67

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