



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

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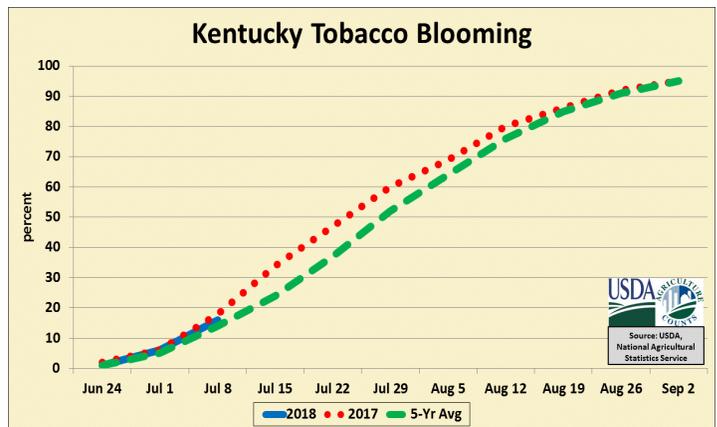
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.62 inches, 0.37 inches below normal. Temperatures averaged 79 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 78 percent adequate, and 10 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 81 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

Primary activities for this week included cutting hay and spraying crops. Corn, soybeans, and tobacco are in mostly good condition at this time despite several reports of damage from heavy rain and disease. The average height of emerged soybeans was 20 inches.

Pasture land is in mostly good condition and has started improving in some areas due to rain this past week. Farmers continue to cut hay and the hay crop should be aided by the precipitation in some areas.

SOIL MOISTURE for week ending 07/08/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	11	78	10
Subsoil	1	9	81	9



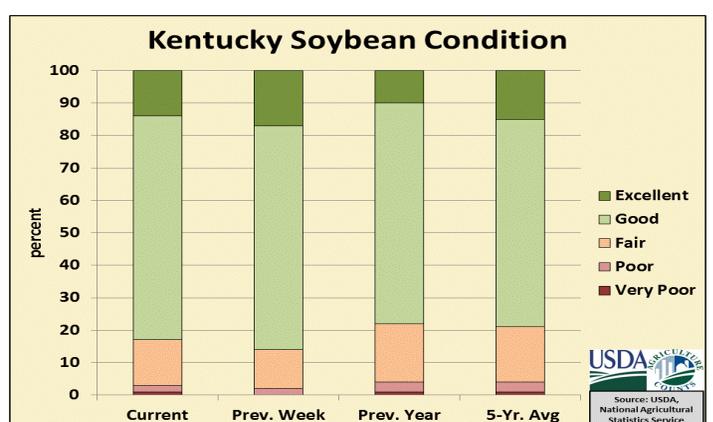
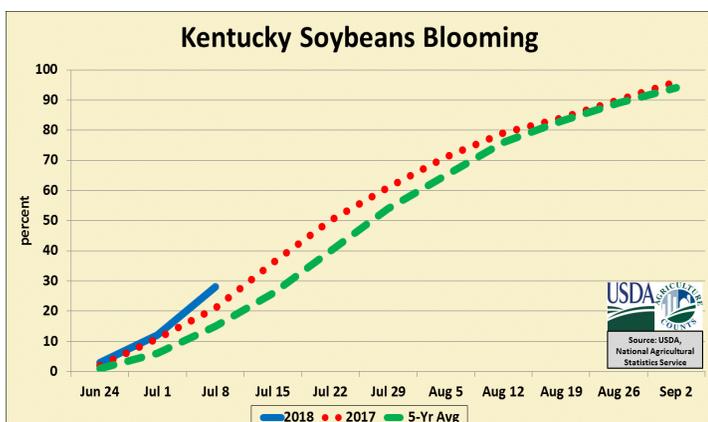
CROP PROGRESS for week ending 07/08/18

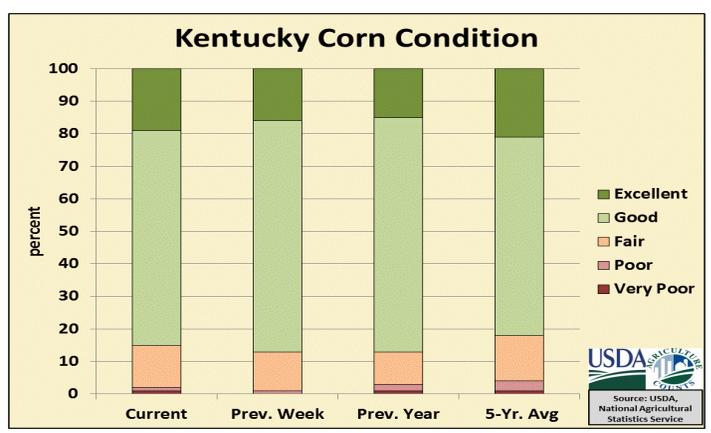
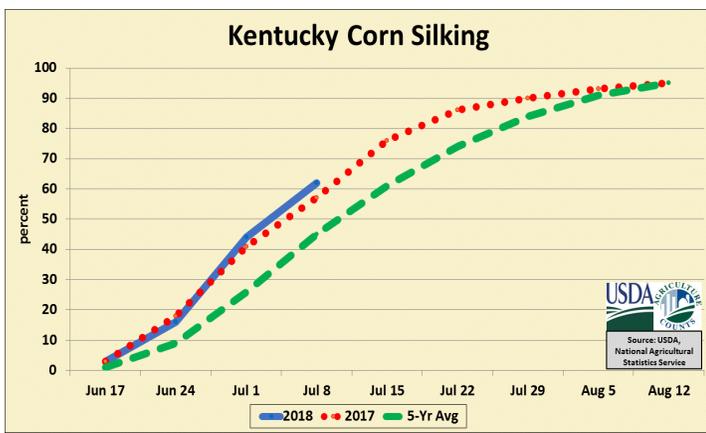
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	62	44	57	45
Corn Milked	22	10	22	12
Corn Dough	3	-	3	2
Soybeans Emerged	95	87	94	91
Soybeans Blooming	28	12	21	15
Soybeans Setting Pods	3	-	2	1
Tobacco Blooming	16	6	18	14
Tobacco Topped	2	-	-	-

- Represents zero.

CROP CONDITIONS for week ending 07/08/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	1	13	66	19
Pasture	1	4	20	61	14
Soybeans	1	2	14	69	14
Tobacco Set	1	4	17	68	10





**Kentucky Climate Summary
For the Period July 2, 2018 to July 8, 2018**

Above Normal Temperatures and Below Normal Rainfall:

Oppressive heat continued across the Lower Ohio Valley for the first week of July. Temperatures peaked on the 4th and the 5th with highs getting into the low to middle 90s. Even some upper 90s in spots. ‘Heat Advisories’ and ‘Excessive Heat Warnings’ were issued as heat indices topped out around 110 degrees at times. Luckily, the Commonwealth did see a cold front push through the area on Friday. While temperatures stayed in the 80s for Saturday, conditions were noticeably less humid. Even with the frontal passage, the heat won out and led to a 10th straight week of above normal temperatures, dating back to the start of May. Looking at rainfall, coverage was scattered to numerous at times, but not nearly as frequent as weeks past. Still, torrential downpours continued to be an issue for anyone that did see a storm. Overall, the state averaged 0.62 inches for the week, but totals varied widely across Kentucky. While some saw in excess of 1.5 inches, other locations were less than a tenth of an inch.

Temperatures for the period averaged 79 degrees across the state which was 3 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 90 in the West to 89 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 72 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 98 degrees at CAPE GIRARDEAU ASOS and the extreme low was 56 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.62 inches statewide which was 0.37 inches below normal and 63% of normal. Precipitation totals by climate division, West 0.41 inches, Central 0.75 inches, Bluegrass 0.59 inches and East 0.73 inches, which was 0.59, 0.24, 0.37 and 0.28 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BIG SANDY to a high of 2.84 inches at BOWLING GREEN 4E.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/08/18 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	1.15	15.59	5.83	2.29	2.10	96	60	78	2	199	1,822	160
Berea	1.52	19.97	7.18	5.81	3.41	92	60	77	2	190	1,699	-7
Bowling Green	0.04	11.49	3.19	-3.16	-0.81	97	68	83	7	228	2,094	371
Bristol	0.08	14.66	2.19	4.10	-1.28	96	59	78	3	199	1,740	179
Buckhorn Lake	1.14	15.15	6.66	1.89	2.64	92	62	77	2	191	1,770	268
Cape Girardeau	0.00	17.86	8.06	3.86	4.83	98	68	83	5	230	2,037	223
Campbellsville	1.00	15.96	6.08	0.48	1.92	94	63	78	2	200	1,742	61
Covington	0.04	10.87	3.02	-2.09	-0.63	96	62	80	5	211	1,819	312
Cumberland Gap	0.92	15.42	5.90	0.91	1.70	94	65	79	4	202	1,750	196
Dix Dam	0.35	18.75	5.71	4.84	1.98	93	60	78	3	196	1,781	135
Evansville	0.47	19.19	7.11	5.89	3.74	96	62	81	3	216	1,983	274
Glasgow	0.50	14.83	5.36	-0.75	0.92	93	65	80	4	211	1,890	232
Grayson	0.60	20.70	6.35	7.72	2.54	93	60	78	3	194	1,683	241
Hardinsburg	0.05	15.36	5.93	1.16	2.17	94	64	80	4	212	1,910	170
Henderson	0.04	14.27	4.96	0.61	1.38	94	65	81	3	218	2,032	270
Huntington	0.54	12.49	5.04	-0.34	1.30	95	61	78	3	195	1,786	217
Jackson	0.81	16.01	5.59	2.26	1.69	93	61	78	3	198	1,851	349
Lexington	0.14	16.27	3.87	2.97	0.14	97	60	80	5	212	1,882	305
London	1.74	18.77	8.95	5.74	5.31	94	64	79	4	206	1,798	219
Louisville	0.89	15.59	5.52	2.12	2.05	98	64	83	7	230	2,139	448
Mayfield	0.30	16.01	5.91	1.42	2.50	94	68	81	3	214	2,002	213
Nashville	0.08	10.84	1.66	-3.00	-1.74	99	65	82	6	224	2,116	258
Nolin Lake	1.11	14.44	5.09	-0.79	1.17	94	64	80	4	207	1,950	362
Paducah	0.00	17.48	4.35	2.40	0.57	98	67	83	5	229	2,124	336
Princeton	0.01	17.40	7.65	2.68	3.98	94	66	81	3	214	1,980	183
Quicksand	1.08	16.30	6.88	2.55	2.98	94	61	78	3	197	1,744	242
Somerset	2.07	21.04	9.83	6.12	5.74	93	63	78	3	200	1,748	137
Spindletop	0.53	22.37	7.64	9.07	3.91	96	60	79	4	203	1,870	293
Williamstown	1.10	18.23	6.72	4.73	3.04	92	57	77	2	188	1,703	155

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