



# 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: nassfoemr@nass.usda.gov

**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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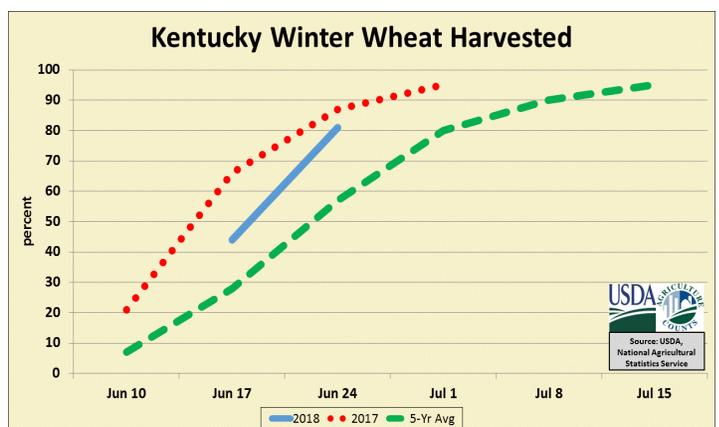
**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.25 inches, 0.23 inches above normal. Temperatures averaged 78 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 77 percent adequate, and 11 percent surplus. **Subsoil moisture** was rated 1 percent very short, 8 percent short, 84 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.0 out of a possible seven.

Primary activities for this week included harvesting wheat, cutting hay, and planting soybeans. The weather early in the week was suitable for fieldwork, however as the week progressed rain and cooler temperatures arrived. The average height of emerged soybeans was 5 inches. Corn, soybeans, and wheat are all in mostly good condition at this time.

Ninety four percent of the tobacco crop is in the ground, slightly ahead of both last year and the five year average. The crop is in mostly good condition with the average height of plants at 16 inches. Both pastures and hay are in mostly good condition at this juncture.

**SOIL MOISTURE for week ending 06/24/18**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	11	77	11
Subsoil	1	8	84	7



**CROP PROGRESS for week ending 06/24/18**

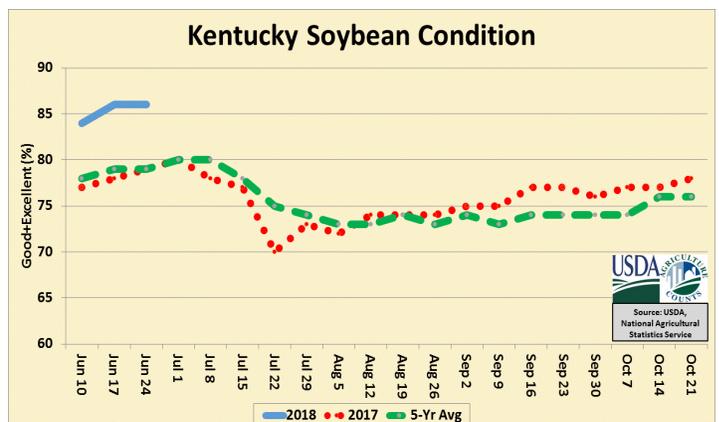
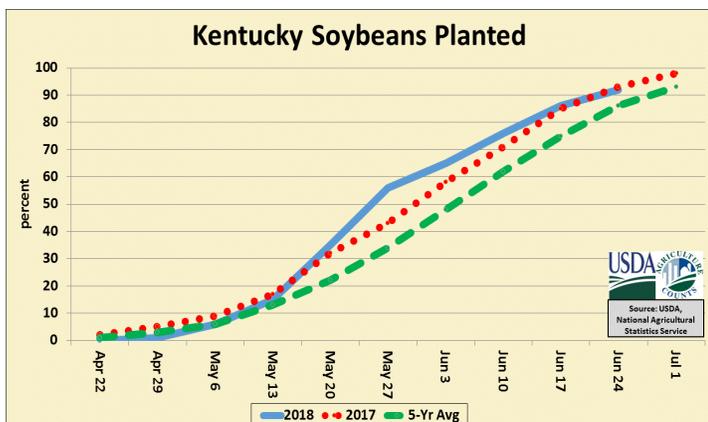
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	16	3	18	9
Soybeans Planted	92	86	93	86
Soybeans Emerged	82	71	80	72
Soybeans Blooming	3	-	2	1
Tobacco Set	94	88	93	92
Tobacco Blooming	1	-	2	1
Winter Wheat Harvested	81	44	87	57

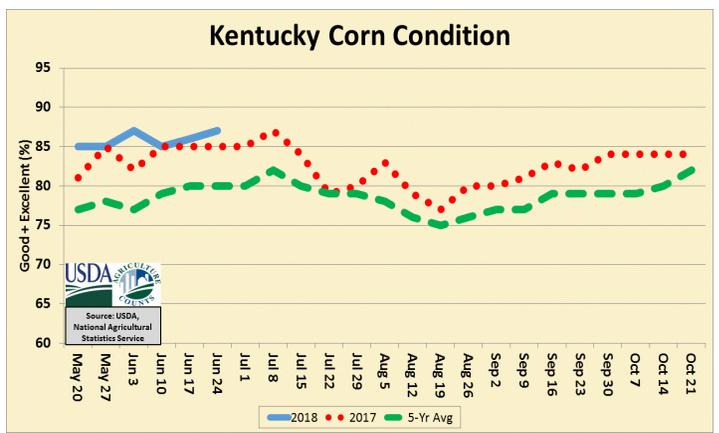
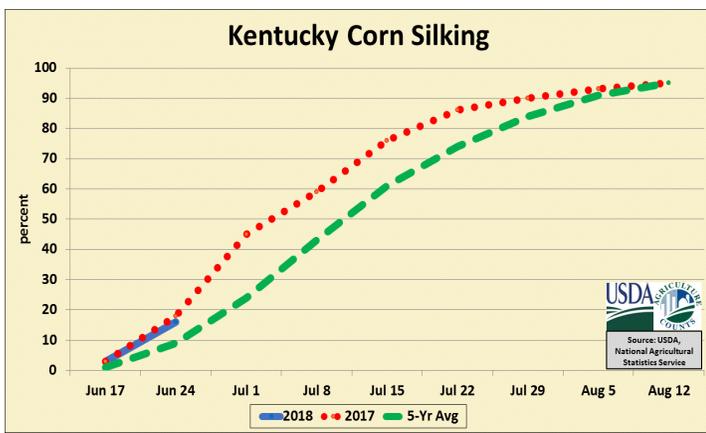
- Represents not available.

**CROP CONDITIONS for week ending 06/24/18**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	1	12	74	13
Hay	1	7	29	53	10
Pasture	1	6	23	62	8
Soybeans	-	1	13	72	14
Tobacco Set	-	1	14	73	12
Wheat	1	4	22	57	16

- Represents zero.





**Kentucky Climate Summary  
For the Period June 18, 2018 to June 24, 2018**

Above Normal Temperatures and Rainfall:

Heat and humidity has been unrelenting recently and that trend continued over the course of the period, especially early in the week. Continuing from the hot and humid weekend beforehand, temperatures on Monday and Tuesday reached into the upper 80s to middle 90s for much of the state. Combined with dew points in the 70s, heat indices topped out around 100 at times. This led the way in pushing Kentucky to an eighth straight week of above normal temperatures. In addition to the warmth, an active pattern led to several rounds of rainfall. Most of the time, storms remained isolated to scattered in coverage, but unlike recent weeks, the state did see a round of widespread showers on Thursday. Even with the scattered coverage, the repetitive nature of the storms did lead to accumulations of more than an inch for most of Kentucky.

Temperatures for the period averaged 78 degrees across the state which was 4 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 86 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 69 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 8 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at LOUISA 1S and the extreme low was 62 degrees at BARBOURVILLE 3E.

Precipitation (liq. equ.) for the period totaled 1.25 inches statewide which was 0.23 inches above normal and 123% of normal. Precipitation totals by climate division, West 1.18 inches, Central 1.15 inches, Bluegrass 1.33 inches and East 1.35 inches, which was 0.17, 0.14, 0.31 and 0.32 inches above normal. By station, precipitation totals ranged from a low of 0.16 inches at MONTICELLO AWOS to a high of 4.00 inches at VANCEBURG 6W.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 06/24/18 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	0.64	11.23	4.08	-0.05	0.58	92	63	77	3	188	1,430	100
Berea	0.87	15.54	5.25	3.31	1.47	90	65	77	4	190	1,329	-42
Bowling Green	0.79	9.38	2.08	-3.22	-1.89	94	68	81	7	218	1,643	266
Bristol	0.24	7.41	3.77	-2.62	0.43	92	66	78	5	193	1,357	112
Buckhorn Lake	1.36	11.49	4.74	0.31	0.89	89	65	76	3	186	1,402	197
Cape Girardeau	1.43	12.00	3.76	-0.40	0.31	96	65	79	3	202	1,591	139
Campbellsville	1.12	11.85	3.88	-1.41	-0.12	90	65	77	3	188	1,352	3
Covington	0.94	9.35	2.43	-1.75	-1.19	94	63	77	4	192	1,413	227
Cumberland Gap	0.66	11.08	3.69	-1.22	-0.34	91	62	78	5	192	1,363	119
Dix Dam	0.83	16.23	7.56	4.33	4.01	89	65	77	4	190	1,398	84
Evansville	1.23	15.00	9.22	3.44	5.82	95	65	78	2	194	1,554	195
Glasgow	0.84	10.57	3.65	-2.72	-0.68	90	66	78	4	196	1,482	164
Grayson	3.48	19.31	6.38	8.35	2.76	89	66	75	2	178	1,310	163
Hardinsburg	0.78	11.31	4.19	-0.90	0.53	92	64	77	3	190	1,495	102
Henderson	0.40	10.36	3.04	-1.48	-0.58	93	67	78	2	200	1,604	191
Huntington	1.60	10.06	3.65	-0.76	0.14	94	67	78	5	197	1,404	155
Jackson	1.18	12.53	2.98	0.89	-0.65	91	65	78	5	195	1,467	262
Lexington	0.91	14.24	3.70	2.96	0.20	93	67	79	6	200	1,474	226
London	0.95	13.43	5.74	2.35	2.29	90	66	78	5	196	1,406	143
Louisville	0.80	12.11	4.59	0.49	1.23	94	68	80	6	212	1,689	346
Mayfield	1.98	12.87	5.32	0.11	1.98	89	64	77	1	192	1,576	129
Nashville	0.54	10.07	3.69	-2.04	0.20	93	67	79	5	206	1,669	173
Nolin Lake	0.75	10.44	2.37	-2.71	-1.47	97	66	79	5	202	1,538	266
Paducah	1.18	15.29	5.96	2.10	2.08	92	66	78	2	200	1,678	248
Princeton	1.08	12.17	4.78	-0.67	1.06	90	65	77	1	192	1,557	111
Quicksand	1.34	11.72	2.87	0.08	-0.76	92	65	77	4	191	1,360	155
Somerset	2.33	14.98	6.00	2.17	1.95	91	65	77	4	187	1,364	73
Spindletop	2.28	17.53	5.09	6.25	1.59	94	68	79	6	204	1,470	222
Williamstown	2.25	15.07	4.54	3.49	0.95	91	65	76	3	180	1,336	109

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