



# 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

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**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.67 inches, 0.69 inches above normal. Temperatures averaged 77 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 15 percent short, 74 percent adequate, and 11 percent surplus. **Subsoil moisture** was rated 1 percent very short, 16 percent short, 73 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 4.8 out of a possible seven.

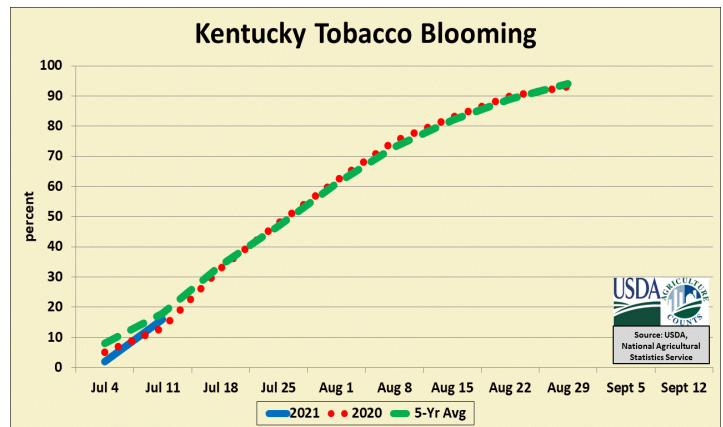
Primary activities for this week included harvesting wheat, cutting hay and monitoring field crops. Scattered rain prevailed throughout the week. Despite the spotty precipitation, farmers forged ahead with fieldwork when possible. There were pockets of heavy rain and flooding, however widespread damage was not reported. For most farmers, the rain was welcome as conditions had been very dry leading up to the last couple of weeks. Fifty-three percent of the corn crop is in the silking stage while 20 percent of the crop is milking. With double crop soybean planting wrapping up this week, 37 percent of the crop is blooming. Ten percent of soybeans are setting pods. The average height of soybeans is 18 inches at this time. Both the corn and soybean crops remain in good overall condition. Tobacco condition is mostly good with 16 percent of the crop blooming. The tobacco crop is in mostly good condition at this time.

Wheat harvest is nearing the finish line. Pasture condition is good and will benefit from the recent rain. As many farmers wrap up first hay cuttings, low quality has been reported in areas of the state. Hay ground will benefit from timely rainfall, but the very hot, dry period prior will cost farmers some yield.

**SOIL MOISTURE for week ending 07/11/21**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	15	74	11
Subsoil	1	16	73	10

- Represents zero.



**CROP PROGRESS for week ending 07/11/21**

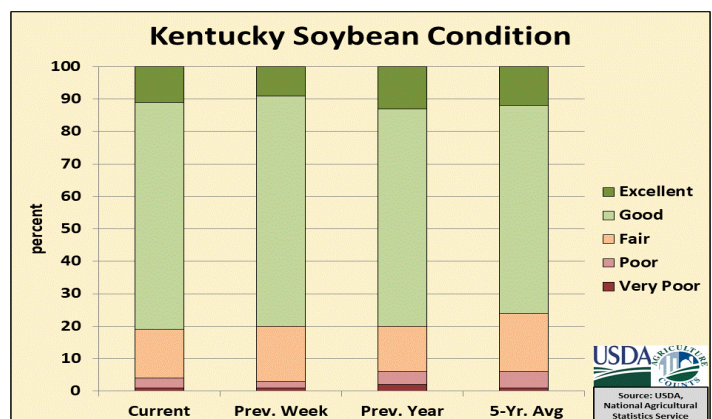
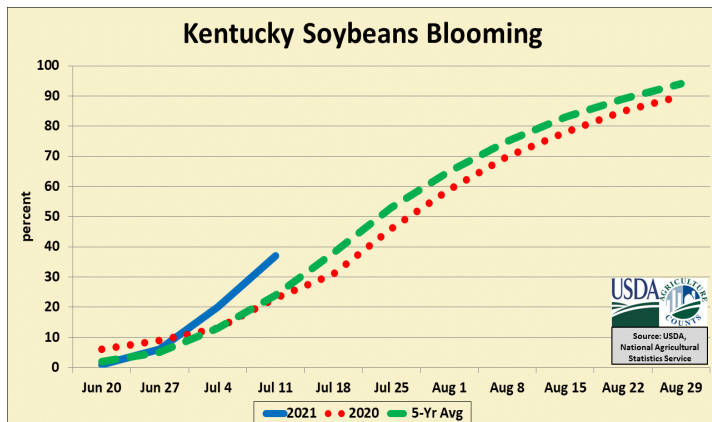
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	53	31	49	60
Corn Milked	20	-	13	22
Soybeans Emerged	97	89	95	94
Soybeans Blooming	37	20	23	24
Soybeans Setting Pods	10	-	9	5
Tobacco Blooming	16	2	13	18
Winter Wheat Harvested	99	87	98	98

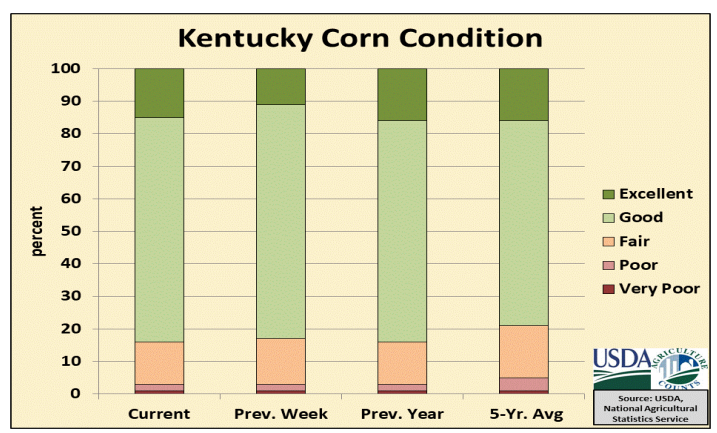
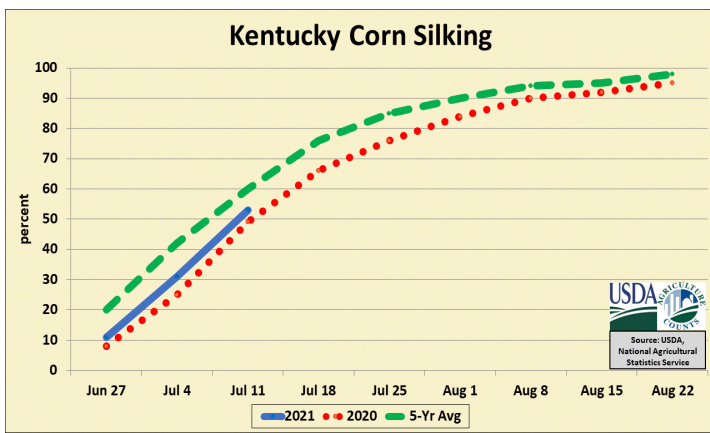
- Represents zero.

**CROP CONDITIONS for week ending 07/11/21**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	13	69	15
Pasture	1	4	21	55	19
Soybeans	1	3	15	70	11
Tobacco Set	-	4	24	60	12

- Represents zero.





**Kentucky Climate Summary  
For the Period July 5, 2021 to July 11, 2021**

Above Normal Temperatures and Rainfall:

The Commonwealth has seen a very active pattern as of late with two straight weeks where the state rainfall average has run well above normal. In fact, the state has averaged 3.39 inches over that two week span, which is nearly 1.5 inches above normal. Outside of a mostly dry Friday this past week, the Commonwealth saw at least isolated to scattered coverage on a daily basis. Activity really picked up on Thursday with an advancing cold front and then again over the weekend with multiple rounds of storms. Heavy rain continued to be the predominant threat, which led to some bouts of localized flooding. While the state averaged 1.67 inches for the week, a large number of locations saw more than two. Outside of storms, heat and humidity remained with the Commonwealth throughout the period, but close to what we would normally see at this time of year.

Temperatures for the period averaged 77 degrees across the state which was 1 degree warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 87 in the West to 86 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 68 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 1 degree 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 59 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 1.67 inches statewide which was 0.69 inches above normal and 170% of normal. Precipitation totals by climate division, West 1.94 inches, Central 1.71 inches, Bluegrass 1.48 inches and East 1.53 inches, which was 0.96, 0.72, 0.52 and 0.53 inches above normal. By station, precipitation totals ranged from a low of 0.00 inches at BARBOURVILLE 3E to a high of 3.83 inches at MARION 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 07/11/21 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>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	1.43	16.63	5.63	2.85	1.78	88	65	77	1	186	1,628	-108
Berea	1.67	14.32	6.19	-0.27	2.38	88	63	76	1	180	1,427	-354
Bowling Green	1.46	13.07	3.18	-2.04	-0.86	93	67	80	4	208	1,860	59
Bristol	0.08	9.61	2.72	-2.66	-0.82	92	62	77	2	192	1,428	-205
Buckhorn Lake	0.98	13.01	5.28	-0.72	1.21	88	63	76	1	180	1,504	-66
Cape Girardeau	2.46	15.17	3.27	0.82	0.05	91	62	78	0	198	1,848	-47
Campbellsville	1.93	11.90	4.16	-4.10	-0.10	91	64	77	1	188	1,539	-217
Covington	1.15	18.03	7.60	4.66	3.92	90	61	77	2	190	1,580	-1
Dix Dam	1.13	17.03	6.64	2.64	2.80	88	64	77	2	188	1,576	-145
Evansville	2.47	11.27	3.17	-2.42	-0.24	93	67	79	1	204	1,775	-12
Glasgow	2.21	16.36	3.34	0.27	-1.15	90	65	77	1	192	1,614	-120
Grayson	2.27	12.45	4.48	-1.00	0.58	90	62	76	1	186	1,499	-11
Hardinsburg	3.41	16.84	5.56	2.18	1.72	89	65	77	1	190	1,586	-231
Henderson	1.33	12.69	5.05	-1.36	1.45	90	63	77	-1	187	1,628	-212
Huntington	3.48	18.37	7.14	5.06	3.29	92	61	76	1	186	1,587	-54
Jackson	2.31	12.26	5.07	-2.00	1.04	91	66	78	3	193	1,700	130
Lexington	1.22	17.87	6.29	4.09	2.44	88	65	76	1	184	1,481	-170
London	3.12	15.00	5.55	1.51	1.81	89	66	77	2	188	1,580	-71
Louisville	1.13	15.49	4.19	1.58	0.63	92	69	80	4	212	1,935	166
Mayfield	1.33	17.04	6.50	2.02	3.00	89	62	77	-1	189	1,741	-123
Nashville	1.16	11.14	1.67	-3.09	-1.76	95	68	81	5	217	1,980	41
Nolin Lake	3.38	21.58	6.47	5.86	2.46	91	65	77	1	189	1,636	-24
Paducah	1.94	16.33	3.08	0.84	-0.70	92	64	79	1	203	1,905	37
Princeton	3.56	20.20	7.93	5.07	4.23	89	63	77	-1	190	1,666	-209
Quicksand	3.27	13.23	5.46	-1.03	1.43	92	64	78	3	192	1,490	-80
Somerset	1.13	15.72	5.80	0.32	1.66	88	64	76	1	179	1,469	-214
Spindletop	0.73	17.48	6.23	3.70	2.38	87	64	76	1	185	1,507	-144
Williamstown	2.13	17.97	5.88	4.03	2.14	89	60	75	0	172	1,445	-175

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.