



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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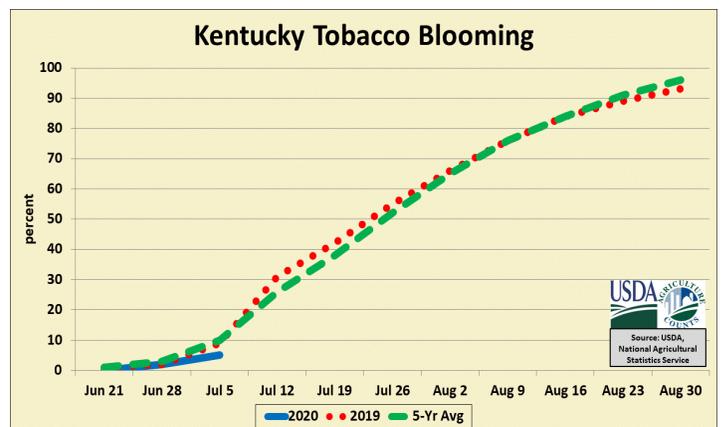
**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.08 inches, 0.09 inches above normal. Temperatures averaged 77 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 2 percent very short, 10 percent short, 66 percent adequate, and 22 percent surplus. **Subsoil moisture** was rated 2 percent very short, 9 percent short, 73 percent adequate, and 16 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven.

Primary activities for this week included the continued planting of soybeans, setting tobacco, cutting hay, and harvesting wheat. Heavy precipitation in the early part of the week proved to be a detriment to some crops as there were reports of extensive flooding in parts of the state. There were reports of crops under water as well as fields badly eroded from the heavy rain. The scope of the damage will be assessed as the season progresses. The latter part of the week presented drier conditions, but intense heat that led to stress on crops and livestock. Twenty-eight percent of corn is in the silking stage while 5 percent of the crop is milking. Nearly all soybeans have been planted at this juncture with 90 percent of the crop emerged. Fourteen percent of soybeans are blooming with only 1 percent setting pods. The average height of soybeans is 14 inches. Tobacco setting, at 98 percent complete, is ahead of last year and the five year average. Of the tobacco in the ground 5 percent is blooming. Winter wheat harvest is 95 percent complete.

Both corn and soybeans remain in mostly good condition. Tobacco is doing well with 69 percent of the crop rated as in good condition. Pastures are in mostly good condition at this time, however the rain this week may have opened the door for deterioration from livestock traffic due to excessive mud.

**SOIL MOISTURE for week ending 07/05/20**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	10	66	22
Subsoil	2	9	73	16



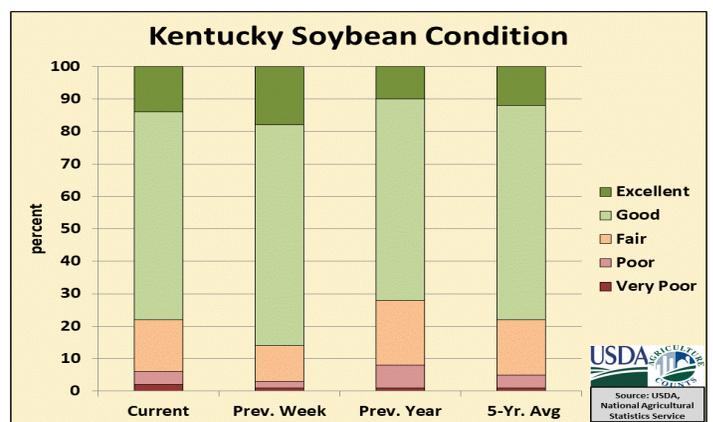
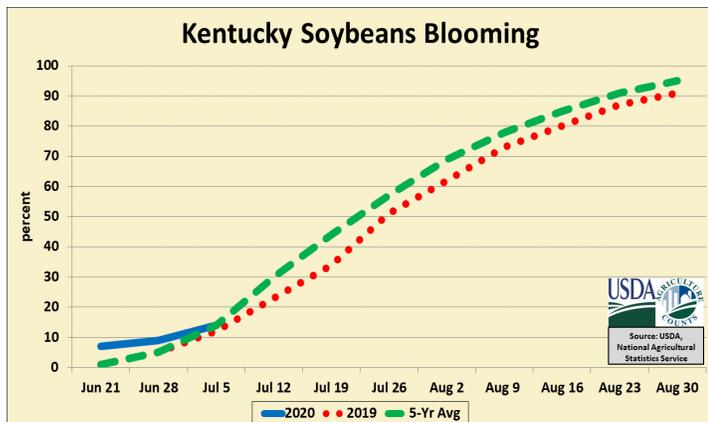
**CROP PROGRESS for week ending 07/05/20**

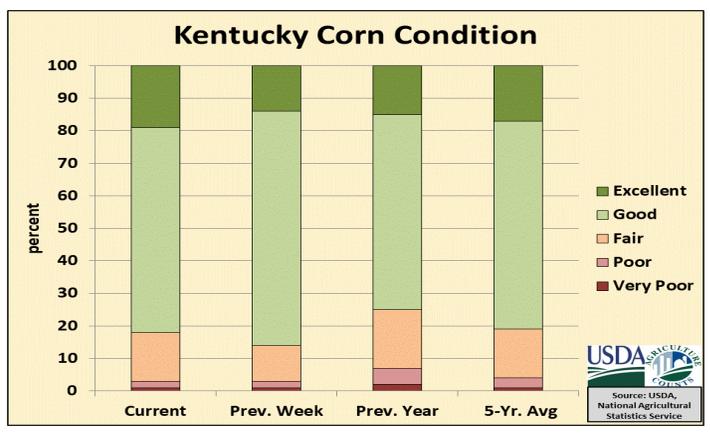
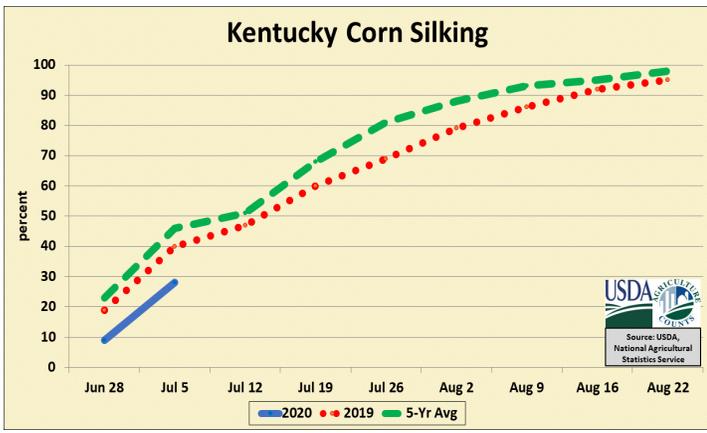
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	28	9	40	46
Corn Milked	5	-1	6	11
Soybeans Planted	97	93	91	96
Soybeans Emerged	90	82	79	88
Soybeans Blooming	14	9	12	14
Soybeans Setting Pods	1	-	-	1
Tobacco Set	98	93	94	97
Tobacco Blooming	5	2	9	10
Winter Wheat Harvested	95	83	89	94

**CROP CONDITIONS for week ending 07/05/20**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	15	63	19
Pasture	1	5	17	64	13
Soybeans	2	4	16	64	14
Tobacco Set	3	4	13	69	11

- Represents zero.  
-1 Represents not available.





**Kentucky Climate Summary  
For the Period June 29, 2020 to July 5, 2020**

Above Normal Temperatures and Rainfall:

The first half of the period featured a persistent wet pattern that carried over from the previous weekend. Storms were scattered in coverage and within a very moist air mass, led to heavy downpours. If caught under one of these slow-moving storms, flash flooding was common with the excessive rainfall. Western Kentucky saw the most widespread rainfall this week with most picking up more than an inch, but many over two. A very hot and humid air mass accompanied the rainfall. The muggy conditions made it feel more like it was around 100 for some locations on Monday. Conditions turned mostly dry between Thursday and Independence Day. While humidity decreased a bit, air temperatures remained high in the upper 80s to middle 90s, slightly above normal for this time of year. Storms returned to the area on Sunday, most widespread across Central Kentucky. Overall, Western Kentucky led the way, averaging over 2 inches for the week. That number decreased to just under a half inch for Eastern Kentucky with more hit and miss storms. Despite some lower accumulations to the east, other than extreme NE Kentucky, the Central Bluegrass, and a small section of SE Kentucky; most have seen significant rainfall over the past 2 weeks.

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 70 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at FRANKFORT and the extreme low was 61 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.08 inches statewide which was 0.09 inches above normal and 109% of normal. Precipitation totals by climate division, West 2.14 inches, Central 1.00 inches, Bluegrass 0.68 inches and East 0.49 inches, which was 1.15, 0.02, -0.28 and -0.53 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at LOUISA 1S to a high of 5.24 inches at LEBANON 8NW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 07/05/20 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	4.65	17.73	7.83	4.91	4.22	92	66	78	2	198	1,392	-195
Berea	0.09	17.13	2.92	3.40	-0.82	91	62	76	1	182	1,270	-361
Bowling Green	0.70	12.82	4.45	-1.37	0.49	93	67	80	4	214	1,632	-13
Bristol	0.73	11.57	2.46	0.13	-0.95	93	62	77	2	189	1,314	-176
Buckhorn Lake	0.26	17.71	3.20	4.92	-0.76	89	62	74	-1	170	1,272	-163
Cape Girardeau	1.30	12.26	3.09	-1.40	-0.14	93	68	80	3	211	1,635	-98
Campbellsville	0.55	14.35	4.78	-0.61	0.72	90	63	77	1	188	1,328	-278
Covington	1.21	12.68	3.04	0.13	-0.59	95	67	80	5	212	1,396	-38
Dix Dam	1.35	15.44	4.86	2.01	1.25	89	64	76	1	181	1,346	-226
Evansville	2.27	16.70	6.38	3.79	3.05	94	69	80	3	212	1,546	-84
Glasgow	0.50	14.93	4.87	-0.14	0.49	90	67	78	2	195	1,408	-174
Grayson	0.00	13.83	2.51	1.32	-1.22	94	64	78	3	194	1,319	-56
Hardinsburg	0.38	16.02	5.08	2.28	1.40	91	66	78	2	196	1,387	-275
Henderson	2.08	15.11	6.42	1.85	2.85	90	67	78	1	193	1,422	-262
Huntington	0.26	13.44	1.74	1.08	-1.89	95	65	78	3	200	1,357	-139
Jackson	0.07	15.41	3.53	2.16	-0.25	91	66	78	3	194	1,454	19
Lexington	0.07	13.01	2.60	0.19	-1.01	93	63	78	3	192	1,318	-184
London	0.18	19.11	4.16	6.54	0.62	91	63	77	2	188	1,357	-151
Louisville	1.23	16.78	4.63	3.74	1.25	95	71	83	7	228	1,678	66
Mayfield	2.76	15.53	6.37	1.38	3.06	91	67	79	2	202	1,550	-164
Nashville	1.91	11.33	3.19	-2.13	-0.19	96	69	81	5	218	1,792	15
Nolin Lake	0.33	14.38	3.59	-0.36	-0.23	93	65	78	2	200	1,527	10
Paducah	2.66	12.38	4.75	-2.30	0.97	94	67	81	4	214	1,697	-11
Princeton	4.23	14.45	5.72	0.15	2.08	90	68	78	1	194	1,470	-248
Quicksand	0.03	15.22	3.24	1.97	-0.54	92	63	76	1	185	1,310	-125
Somerset	2.45	22.46	7.92	8.01	3.88	89	62	75	0	178	1,291	-248
Spindletop	1.29	14.38	3.07	1.56	-0.54	90	67	77	2	192	1,344	-158
Williamstown	0.20	12.02	2.63	-1.04	-0.99	91	64	77	2	191	1,270	-205

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'1 Weather Center (859) 218-4364.