



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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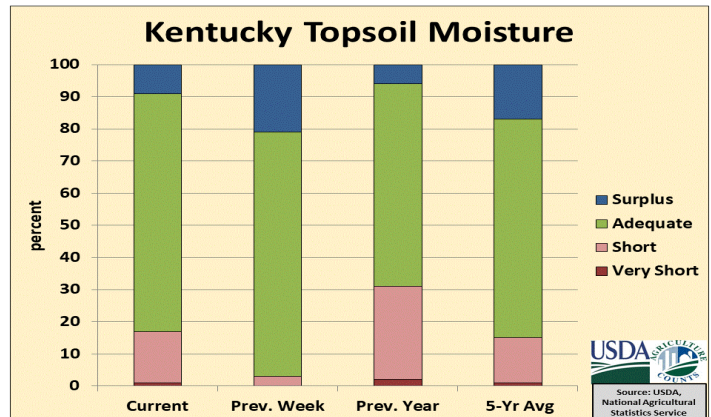
**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.34 inches, 0.66 inches below normal. Temperatures averaged 74 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 1 percent very short, 16 percent short, 74 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated 1 percent very short, 12 percent short, 78 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 5.9 out of a possible seven.

Primary activities for this week included planting soybeans, setting tobacco, harvesting wheat, and cutting hay. Farmers were able to make strong progress in the fields as dry weather prevailed across the state. The weekend brought the return of hot temperatures, but much of the week was mild. It is of note that parts of the state received some heavy rain, but it was very focused. Thanks to conducive weather, grain producers were able to catch up on spraying. The corn crop is 97 percent emerged with 1 percent of the crop in the silking stage. The average height of corn is 31 inches, however some fields are uneven due to frequent spring rains. Soybean planting is nearing completion with 72 percent of the crop emerged. One percent of the soybean crop is blooming. Both the corn and soybean crops are in good overall condition. Tobacco condition is mostly good with 89 percent of the crop set. The average height of tobacco is 11 inches.

Wheat condition remains mostly good with 96 percent of the crop in the coloring stage and 69 percent of the crop mature. Thirty-nine percent of the wheat crop has been harvested. Lodging has been reported and may adversely affect yields. Pasture condition is good and will stay intact for the time being as drier conditions prevail. The recent weather has allowed livestock producers to catch up on hay cutting.

**SOIL MOISTURE for week ending 06/20/21**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	16	74	9
Subsoil	1	12	78	9



**CROP PROGRESS for week ending 06/20/21**

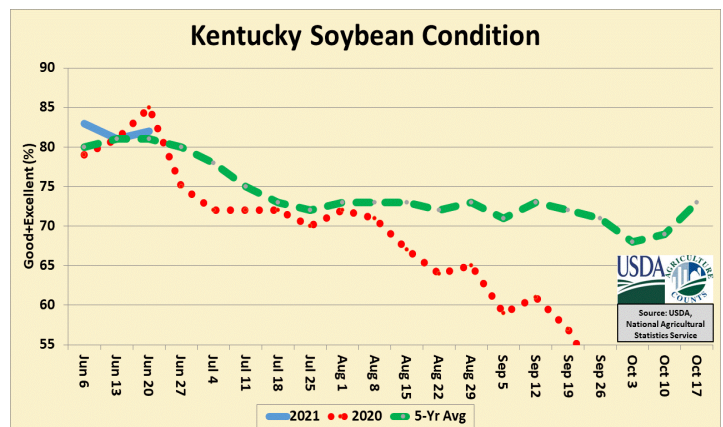
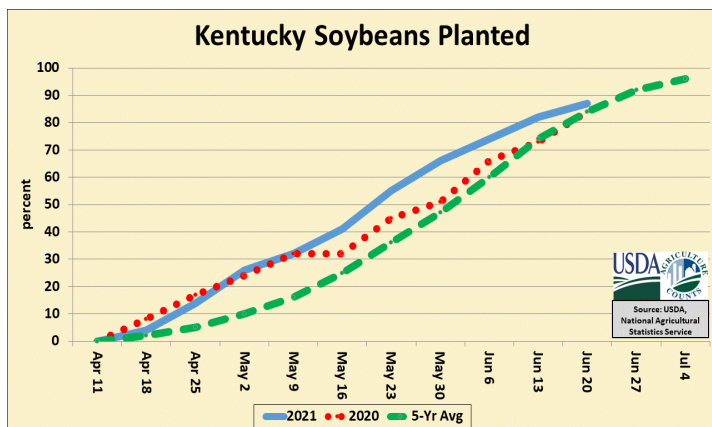
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Emerged	97	94	94	95
Corn Silking	1	-	2	6
Soybeans Planted	87	82	84	84
Soybeans Emerged	72	64	71	68
Soybeans Blooming	1	-	6	2
Tobacco Set	89	79	84	86
Winter Wheat Coloring	96	70	-1	-1
Winter Wheat Mature	69	40	90	-1
Winter Wheat Harvested	39	-1	49	57

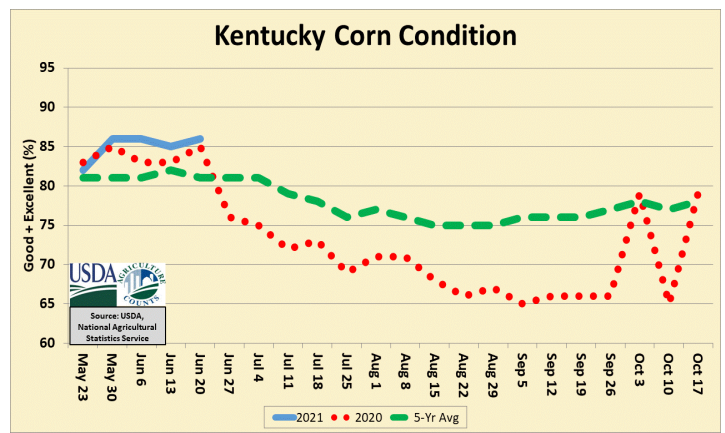
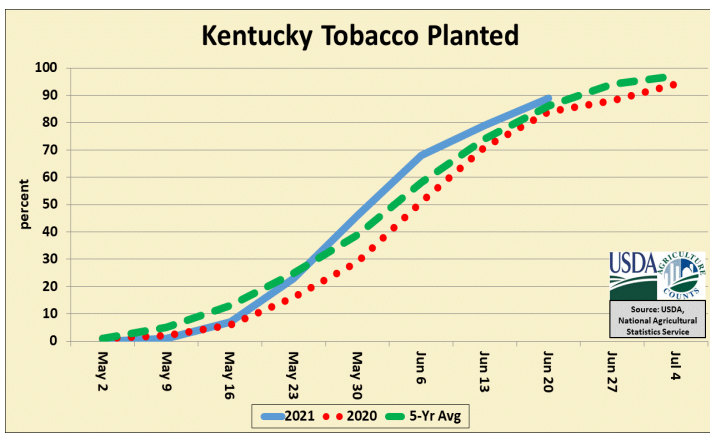
**CROP CONDITIONS for week ending 06/20/21**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	1	13	69	17
Pasture	1	3	18	57	21
Soybeans	1	1	16	71	11
Tobacco Set	-	2	25	64	9
Wheat	-	2	20	61	17

- Represents zero.

- Represents zero.  
-1 Represents not available.





**Kentucky Climate Summary  
For the Period June 14, 2021 to June 20, 2021**

Above Normal Temperatures and Below Normal Rainfall:

Kentucky opened the period with much cooler and less humid conditions filtering into the area behind a couple cold fronts. Northerly flow brought a Canadian airmass down into the Bluegrass State on Tuesday with highs only in the upper 70s to middle 80s. This pattern stuck around through midweek before heat started to return to the area. In fact, by Friday, highs were back in the upper 80s to low 90s. This heat stuck around through the weekend and in combo with high humidity, the livestock heat stress index lifted into the danger category each afternoon. The majority of the week ran dry for the state. The one exception came Friday night when heavy rains fell across the Northern Bluegrass. Some locations saw in excess of 2 to 3 inches.

Temperatures for the period averaged 74 degrees across the state which was 1 degree warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to near normal in the East. Low temperatures averaged from 66 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 93 degrees at HICKMAN 2E and the extreme low was 47 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.34 inches statewide which was 0.66 inches below normal and 34% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.01 inches, Bluegrass 1.06 inches and East 0.27 inches, which was -0.98, -0.99, 0.05 and -0.75 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 3.77 inches at BURLINGTON 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 06/20/21 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	0.00	11.00	4.25	0.21	0.66	89	56	74	0	169	1,100	-142
Berea	0.00	8.13	4.43	-3.57	0.56	88	53	71	-2	148	940	-342
Bowling Green	0.00	9.89	2.70	-2.15	-1.35	92	60	78	4	196	1,268	-16
Bristol	0.00	6.89	4.67	-2.67	1.30	86	50	70	-3	138	932	-229
Buckhorn Lake	0.24	7.97	4.42	-2.66	0.59	85	52	71	-2	145	1,015	-112
Cape Girardeau	0.00	11.90	4.23	-0.03	0.58	95	64	80	4	210	1,268	-86
Campbellsville	0.00	7.74	2.44	-4.96	-1.67	89	54	73	-1	161	1,019	-243
Covington	3.72	14.15	7.15	3.56	3.49	90	57	74	1	165	1,048	-55
Dix Dam	0.00	10.39	4.52	-1.02	0.85	91	55	74	1	170	1,050	-175
Evansville	0.00	8.10	3.14	-3.00	-0.41	93	60	77	1	192	1,206	-59
Glasgow	0.00	13.02	3.01	0.34	-1.36	88	57	74	0	171	1,084	-143
Grayson	0.40	8.37	4.52	-2.08	0.86	88	49	71	-2	150	992	-78
Hardinsburg	0.00	11.28	3.91	-0.43	0.13	89	56	75	1	174	1,060	-239
Henderson	0.00	7.64	3.89	-3.70	0.19	90	58	75	-1	174	1,113	-205
Huntington	0.57	11.80	5.40	1.47	1.83	88	50	72	-1	154	1,066	-99
Jackson	0.14	7.33	2.49	-3.80	-1.21	88	58	74	1	166	1,166	39
Lexington	0.10	11.68	6.57	0.89	2.98	88	55	72	-1	156	974	-187
London	0.75	10.20	6.76	-0.39	3.25	88	55	73	0	160	1,058	-121
Louisville	0.00	11.30	5.34	0.14	1.84	92	63	78	4	199	1,332	81
Mayfield	0.00	10.54	2.96	-1.77	-0.58	92	60	78	2	193	1,205	-148
Nashville	0.00	9.14	2.96	-2.49	-0.68	95	61	79	5	203	1,362	-37
Nolin Lake	0.15	15.26	5.31	2.64	1.28	90	56	74	0	170	1,110	-79
Paducah	0.00	13.25	4.98	0.60	1.01	93	64	80	4	208	1,323	-11
Princeton	0.00	12.27	4.13	-0.06	0.28	90	59	76	0	185	1,141	-210
Quicksand	0.02	7.79	3.68	-3.34	-0.02	88	50	71	-2	150	980	-147
Somerset	0.00	9.92	4.71	-2.33	0.57	87	54	72	-1	152	974	-232
Spindletop	0.10	11.35	6.00	0.56	2.41	87	58	73	0	161	1,006	-155
Williamstown	2.78	14.87	7.95	3.80	4.30	86	55	72	-1	153	964	-178

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