



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
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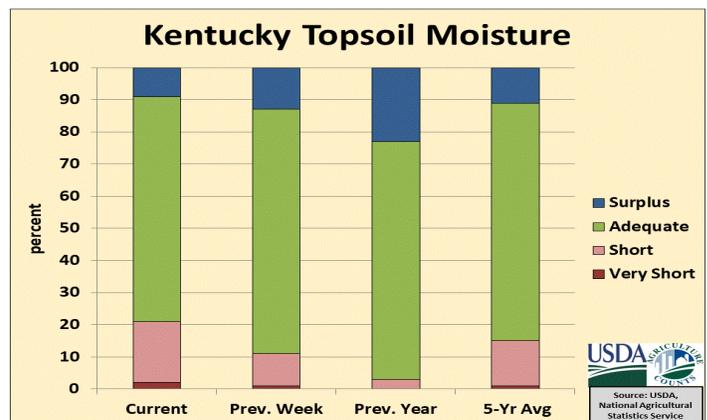
**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.38 inches, 0.65 inches below normal. Temperatures averaged 73 degrees for the week, 1 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 19 percent short, 70 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated 2 percent very short, 13 percent short, 76 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

Primary activities for this week included the continued planting of corn and soybeans, setting tobacco, spraying, and cutting hay. A very productive week in the fields as weather was cooperative for the most part. Dry and warm conditions allowed farmers to make a strong push on plantings and forage harvest. There are pockets where the dry weather has been a detriment. In these areas the crops are a little stressed and rain is needed to incorporate nitrogen that has been sprayed. With that said, the week wasn't completely void of rain, however rainfall was sparse and generally not heavy in nature. Soybean planting is ahead of last year but just behind the five year average. Corn planting is nearing completion and is on pace with both last year and the five year average. The corn crop is 90 percent emerged while soybeans are 62 percent emerged. The average height of corn at this juncture is 21 inches. Tobacco setting made a big leap this week and sits right between last year and the five year average. The average height of tobacco is 6 inches.

The winter wheat harvest has begun in earnest, however progress is well below last year and the five year average for this juncture of the season. Nearly all of the crop is mature and mostly coloring. The condition of the wheat crop remains mostly good despite the freeze event several weeks prior. Corn and soybean condition continues to be reported as mostly good at this time. Pastures are healthy on the whole and continue to show good growth. Planted tobacco is reported as in mostly good condition at this time.

**SOIL MOISTURE for week ending 06/14/20**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	19	70	9
Subsoil	2	13	76	9



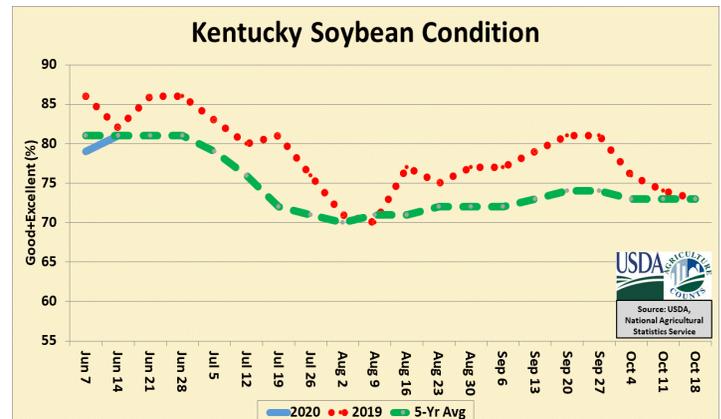
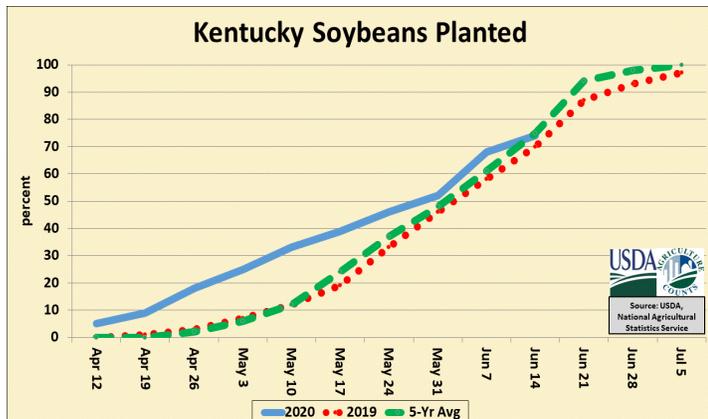
**CROP PROGRESS for week ending 06/14/20**

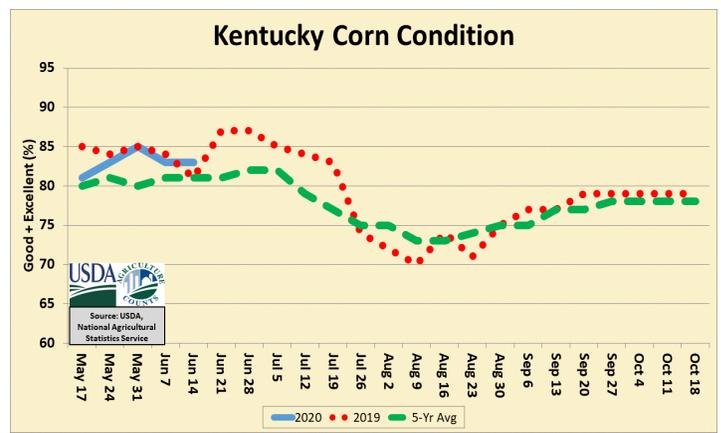
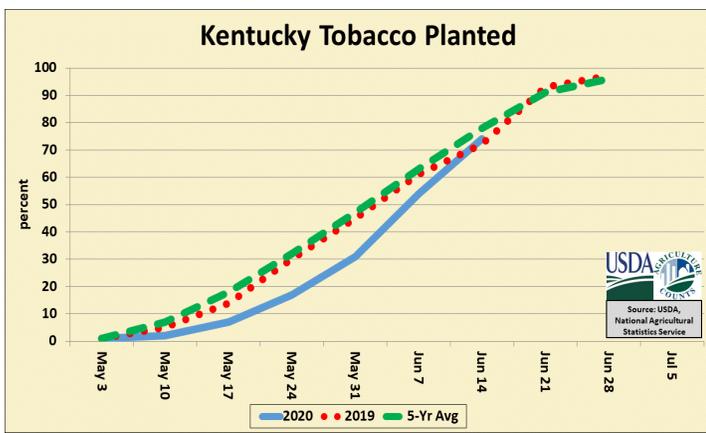
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	98	93	96	98
Corn Emerged	90	79	89	93
Soybeans Planted	74	68	70	75
Soybeans Emerged	62	50	53	56
Tobacco Set	74	54	72	78
Winter Wheat Coloring	95	72	96	-1
Winter Wheat Mature	75	42	74	-1
Winter Wheat Harvested	11	-	27	26

**CROP CONDITIONS for week ending 06/14/20**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	14	73	10
Pasture	2	5	17	63	13
Soybeans	1	2	16	72	9
Tobacco Set	1	2	10	79	8
Wheat	2	7	24	61	6

- Represents zero.  
-1 Represents not available.





**Kentucky Climate Summary  
For the Period June 8, 2019 to June 14, 2020**

Above Normal Temperatures and Below Normal Rainfall:

Conditions have trended dry recently across Kentucky with three straight weeks of below normal rainfall. Over this 21-day period, the state has only averaged two inches of rainfall, which is over an inch below normal. Saying that, some locations have received under an inch over that time period and over two inches below normal. Looking at this past week, focus was on the remnants of Tropical Storm Cristobal early in the period. This system ended up taking a track just west of Kentucky and unfortunately, took the higher accumulations with it. Showers and storms were scattered to numerous in nature across the western half of Kentucky and limited farther east. This was flipped on Wednesday as a strong cold front pushed through the state. While the eastern half of Kentucky benefited from some rainfall, the western half was left mostly dry. After a dry second half of the work week, light showers again fell over the weekend, but nothing too significant. Overall, the state averaged less than a half inch for the week.

Temperatures for the period averaged 73 degrees across the state which was 1 degree warmer than normal and no change to the previous period. High temperatures averaged from 84 in the West to 82 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 65 degrees in the West to 60 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 BOWLING GREEN APT and the extreme low was 50 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 0.38 inches statewide which was 0.65 inches below normal and 37% of normal. Precipitation totals by climate division, West 0.56 inches, Central 0.35 inches, Bluegrass 0.30 inches and East 0.30 inches, which was 0.42, 0.69, 0.75 and 0.75 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at HODGENVILLE 2E to a high of 1.10 inches at WINCHESTER 3NW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 06/14/20 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	0.13	10.03	2.26	-0.03	-1.47	89	52	73	0	160	883	-226
Berea	0.03	14.24	6.74	3.33	2.72	90	51	71	-1	146	800	-347
Bowling Green	0.35	8.72	2.90	-2.49	-1.28	93	57	76	3	183	1,072	-74
Bristol	0.51	9.62	3.66	0.77	0.25	91	52	73	1	160	836	-198
Buckhorn Lake	0.10	14.61	5.43	4.81	1.64	88	54	71	-1	148	822	-188
Cape Girardeau	0.44	9.61	4.07	-1.63	0.11	90	56	76	1	184	1,056	-152
Campbellsville	0.40	9.97	2.80	-1.90	-1.49	89	52	72	-1	155	848	-283
Covington	0.14	9.78	4.45	-0.04	0.73	89	55	73	1	158	848	-129
Dix Dam	0.34	10.92	4.50	0.25	0.65	90	55	72	0	156	858	-234
Evansville	0.53	10.85	3.15	0.45	-0.62	90	58	75	0	178	976	-149
Glasgow	0.58	10.64	4.74	-1.12	0.31	89	55	73	0	160	909	-182
Grayson	0.37	11.69	5.60	2.01	1.88	92	52	71	-1	144	826	-128
Hardinsburg	0.45	11.39	4.05	0.44	0.08	87	57	73	0	160	880	-279
Henderson	0.49	9.18	2.37	-1.40	-1.45	89	56	74	-1	164	909	-268
Huntington	0.44	12.14	4.46	2.55	0.81	92	54	71	-1	149	850	-190
Jackson	0.85	12.73	5.79	2.37	1.98	90	58	73	1	164	955	-55
Lexington	0.13	10.54	4.05	0.48	0.32	90	53	72	0	154	820	-211
London	0.20	15.15	7.10	5.28	3.49	88	54	73	1	158	874	-180
Louisville	0.12	12.27	4.83	1.81	1.13	92	61	77	4	188	1,080	-33
Mayfield	0.95	10.11	2.34	-1.52	-1.50	87	57	74	-1	168	1,003	-210
Nashville	0.06	8.20	2.14	-2.72	-1.73	94	59	78	5	196	1,196	-57
Nolin Lake	0.12	10.91	3.01	-0.93	-1.29	92	53	74	1	170	1,008	-55
Paducah	0.63	8.26	2.42	-3.58	-1.70	90	58	76	1	184	1,112	-77
Princeton	0.34	9.07	2.67	-2.49	-1.37	87	56	74	-1	166	948	-261
Quicksand	0.53	12.51	5.50	2.15	1.69	91	53	71	-1	146	834	-176
Somerset	0.63	15.17	5.37	3.77	1.10	89	54	72	0	152	825	-253
Spindletop	0.15	11.46	5.06	1.40	1.33	88	59	72	0	156	850	-181
Williamstown	0.16	9.55	3.30	-0.77	-0.45	88	54	71	-1	144	778	-237

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