



# 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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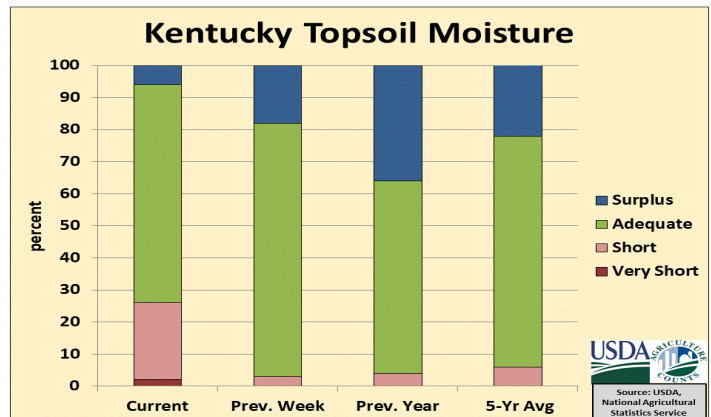
**Agricultural News:** Kentucky experienced above normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.14 inches, 0.99 inches below normal. Temperatures averaged 70 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 24 percent short, 68 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 1 percent very short, 13 percent short, 77 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 6.3 out of a possible seven.

Primary activities for this week included planting corn and soybeans, setting tobacco, and cutting hay. Summer like temperatures and dry weather prevailed throughout this past week. Farmers were able to make strong headway in the fields and continue to be ahead of last year's planting. If the dry conditions persist, field crops may begin to show stress. Freshly planted seeds may become vulnerable with a lack of precipitation. It is of note that insect issues have been reported in parts of the state. As corn planting makes steady progress, emergence is at 64 percent. The corn crop is rated mostly good at this time. Soybean planting remains ahead of where it is historically at this juncture with 32 percent of the crop emerged. Like corn, the soybean crop is in mostly good condition. Tobacco setting is now in high gear and will move rapidly as weather allows. Tobacco transplant supplies are rated as 1 percent short, 96 percent adequate, and 3 percent surplus.

Wheat condition remains mostly good with 90 percent of the crop headed. Pasture condition is good and growth is strong thanks to recent weather. Strawberries are in mostly good condition and were not widely damaged by recent frosts. A good deal of hay acreage was harvested this past week as weather conditions allowed.

**SOIL MOISTURE for week ending 05/24/21**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	24	68	6
Subsoil	1	13	77	9



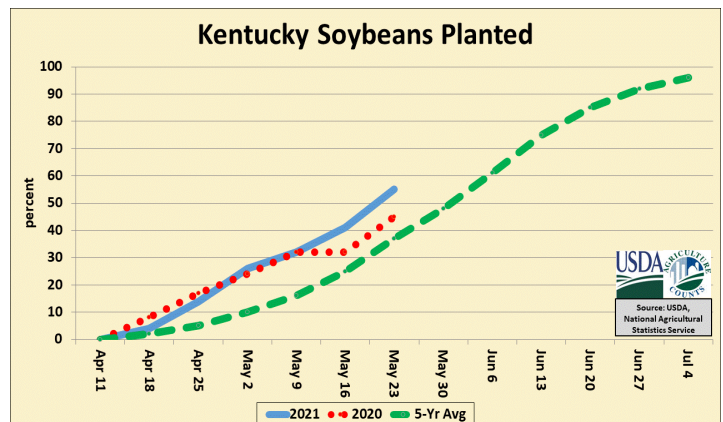
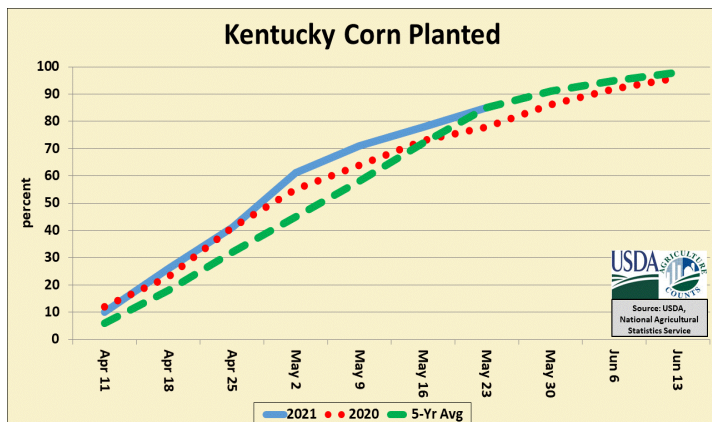
**CROP PROGRESS for week ending 05/24/21**

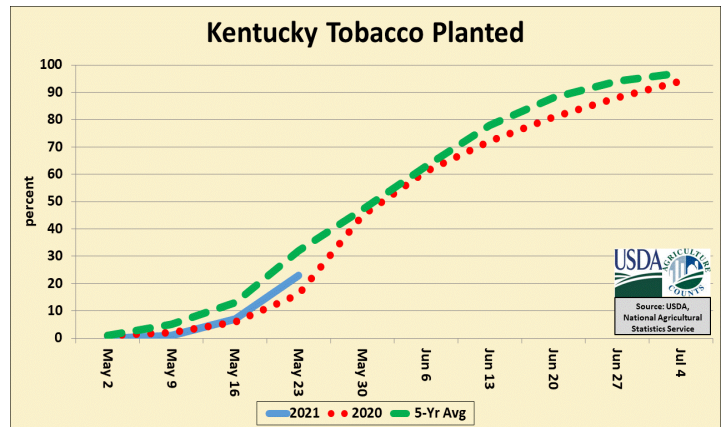
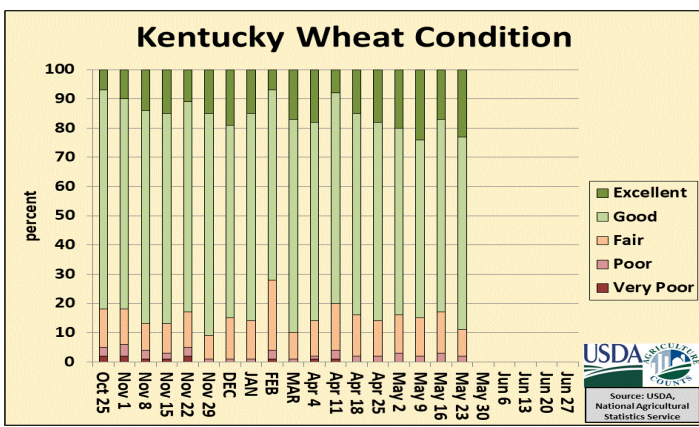
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	85	78	78	82
Corn Emerged	64	57	63	63
Soybeans Planted	55	41	45	36
Soybeans Emerged	32	21	32	19
Tobacco Set	23	7	16	25
Winter Wheat Headed	90	81	95	94

**CROP CONDITIONS for week ending 05/24/21**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	14	73	9
Pasture	1	3	18	62	16
Soybeans	1	2	19	68	10
Strawberries	1	4	18	53	24
Wheat	-	2	9	66	23

- Represents zero.





**Kentucky Climate Summary  
For the Period May 17, 2021 to May 23, 2021**

Above Normal Temperatures and Much Below Normal Rainfall:

Kentucky saw a second straight week of below normal rainfall in what is typically the wettest month of the year for the Bluegrass State. In fact, a number of locations across Kentucky did not see any rainfall throughout the period. If accumulations were seen, they were generally light in nature and confined to the first couple days of the week. Over the past 14 days, the state has only averaged 0.23 inches, which is just over two inches below normal. Summer-like temperatures accompanied the dry conditions. Highs slowly inched upward throughout the period, peaking in the mid to upper 80s for most everyone. Louisville even hit 90 for the first time this year.

Temperatures for the period averaged 70 degrees across the state which was 4 degrees warmer than normal and 14 degrees warmer than the previous period. High temperatures averaged from 82 in the West to 81 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at LOUISVILLE APT and the extreme low was 48 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.14 inches statewide which was 0.99 inches below normal and 12% of normal. Precipitation totals by climate division, West 0.19 inches, Central 0.00 inches, Bluegrass 0.27 inches and East 0.09 inches, which was 0.93, 1.18, 0.81 and 1.04 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 1.38 inches at ALEXANDRIA 5NW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 05/24/21 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Air Temp. Dev. From Normal	
	Last Week	Since Jan 1		Soil		Air			Wkly. Avg.
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)		
Bardstown	0.01	20.59	2.92	71	60	86	58	71	3
Berea	0.05	20.18	2.30	--	--	87	52	69	2
Bowling Green	0.00	24.73	3.69	77	63	89	54	72	4
Bristol	0.00	22.78	6.22	--	--	86	52	70	3
Buckhorn Lake	0.09	18.63	0.36	--	--	84	54	69	2
Cape Girardeau	0.38	19.62	0.09	--	--	88	60	72	2
Campbellsville	0.00	23.71	2.59	--	--	85	54	70	2
Covington	1.53	17.21	0.76	--	--	86	56	70	3
Dix Dam	0.00	20.18	1.72	--	--	86	57	71	4
Evansville	0.16	17.63	-0.40	--	--	89	58	72	2
Glasgow	0.00	28.45	7.04	71	59	85	57	71	3
Grayson	0.17	17.95	2.00	--	--	87	52	68	1
Hardinsburg	0.02	24.44	4.55	--	--	86	58	72	4
Henderson	0.16	16.20	-2.32	--	--	88	58	72	2
Huntington	0.43	17.90	2.03	--	--	88	54	69	2
Jackson	0.37	21.94	3.29	--	--	86	56	72	5
Lexington	0.05	19.14	1.47	68	60	86	57	70	3
London	0.00	20.81	2.23	--	--	87	55	70	3
Louisville	0.00	20.43	1.95	--	--	90	61	75	7
Mayfield	0.14	23.42	0.87	--	--	88	57	72	2
Nashville	0.00	19.19	-1.06	--	--	91	57	73	5
Nolin Lake	0.00	30.04	9.42	--	--	85	54	70	2
Paducah	0.51	21.44	0.67	79	65	89	60	73	3
Princeton	0.22	22.15	0.50	84	64	85	58	72	2
Quicksand	0.06	20.19	1.54	--	--	87	52	69	2
Somerset	0.00	22.18	1.98	--	--	85	54	69	2
Spindletop	0.02	19.58	1.91	67	60	85	58	70	3
Williamstown	0.11	18.54	1.11	--	--	84	56	69	2

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