



# 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 well below normal temperatures and slightly below normal precipitation over the past week. Precipitation for the week totaled 0.92 inches, 0.09 inches below normal. Temperatures averaged 50 degrees for the week, 7 degrees below normal. **Topsoil moisture** was rated 4 percent short, 77 percent adequate, and 19 percent surplus. **Subsoil moisture** was rated 4 percent short, 78 percent adequate, and 18 percent surplus. Days suitable for fieldwork averaged 4.6 out of a possible seven.

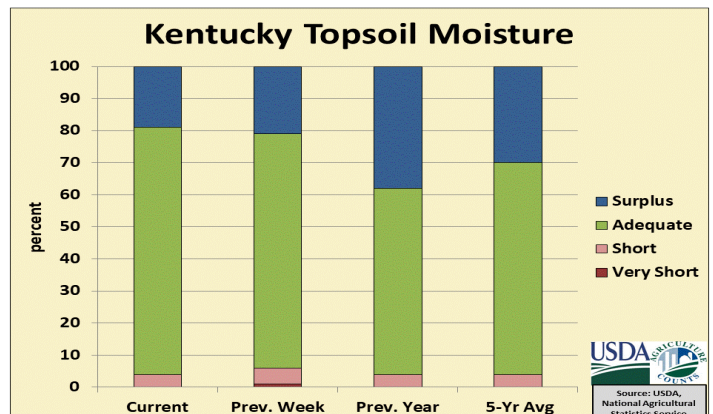
Primary activities for this week included planting corn and soybeans along with seeding tobacco transplants. A cold snap this week that included snowfall halted fieldwork and threatened previously planted crops. The weekend brought heavy rain through most of the state. Despite the adverse weather, farmers forged ahead and continued to make progress in the fields. Tobacco transplants are 86 percent seeded, trailing both last year and the five-year average. The transplants are in mostly good condition at this time with height rated as 35 percent less than 2 inches, 42 percent 2 – 4 inches, and 23 percent larger than 4 inches.

The average height of winter wheat is 19 inches at this time while 23 percent of the crop has headed. Wheat condition remains mostly good despite being subjected to two significant freezes. Current freeze damage for wheat is rated as 3 percent moderate, 20 percent light, and 77 percent with no damage. The crop will be observed for the next couple of weeks to see the extent any possible damage. Alfalfa freeze damage is rated as 10 percent moderate, 28 percent light, and 62 percent with no damage. Like the wheat crop, alfalfa will continue to be evaluated for adverse effects. The average height of alfalfa is 10 inches at this juncture. Both peaches and apples were susceptible to the recent cold weather and will be further assessed in the coming weeks. Apple freeze damage is rated as 5 percent severe, 25 percent moderate, 19 percent light, and 51 percent with no damage. Peach freeze damage is rated as 2 percent severe, 10 percent moderate, 16 percent light, and 72 percent with no damage. Pasture growth should rebound with warmer weather on the horizon.

**SOIL MOISTURE for week ending 04/25/21**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	77	19
Subsoil	-	4	78	18

- Represents zero.



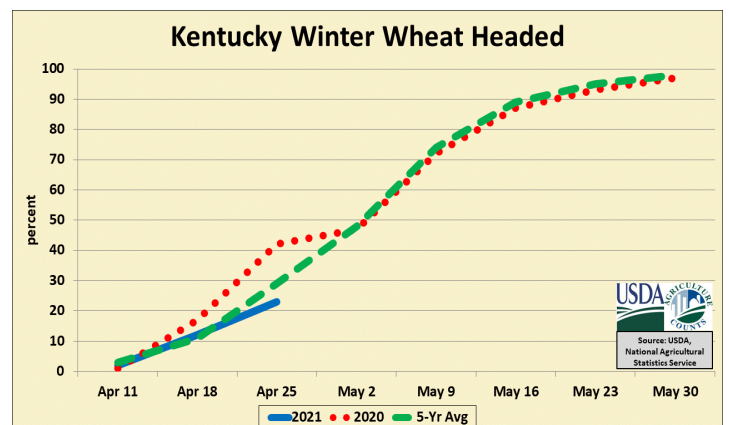
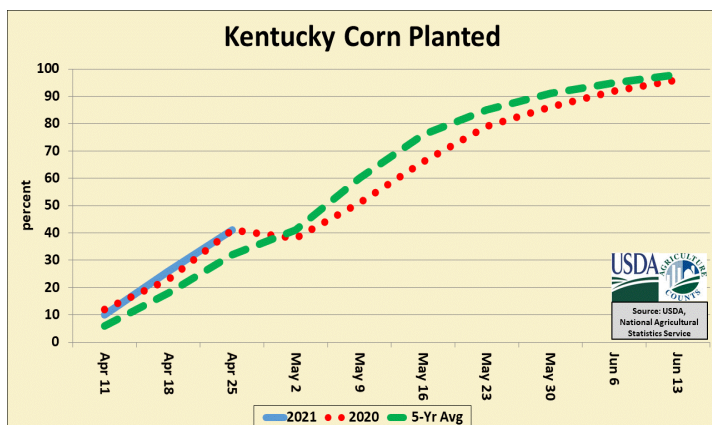
**CROP PROGRESS for week ending 04/25/21**

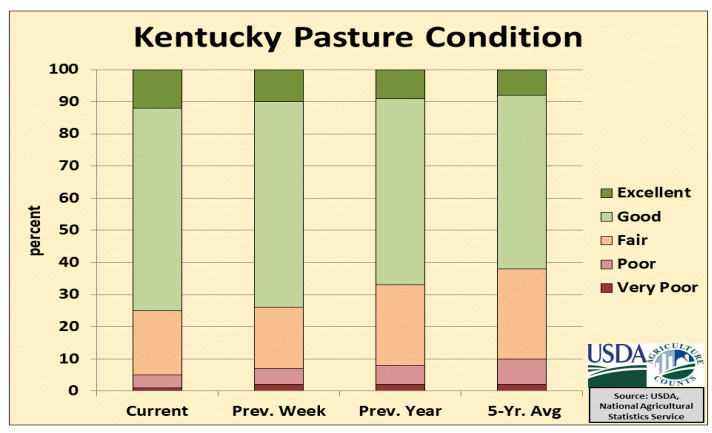
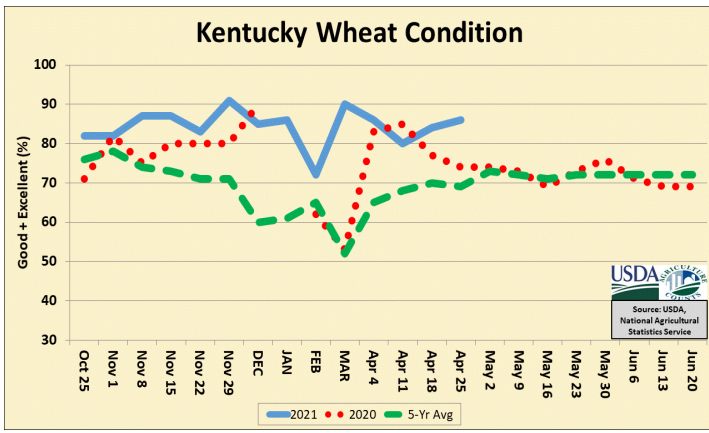
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	41	26	41	32
Corn Emerged	13	1	13	9
Soybeans Planted	14	4	17	5
Tobacco Transplants Seeded	86	74	87	88
Winter Wheat Headed	23	12	42	29

**CROP CONDITIONS for week ending 04/25/21**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	4	20	63	12
Tobacco Transplants	-	1	14	68	17
Wheat	-	2	12	68	18

- Represents zero.





**Kentucky Climate Summary  
For the Period April 19, 2021 to April 25, 2021**

Well Below Normal Temperatures and Slightly Below Normal Precipitation:

Despite being in the third week of April, Kentucky received another taste of winter this past week. Following a mild and dry start to the workweek, a strong cold front worked through the region on Tuesday night. Widespread showers accompanied the boundary, but as temperatures plummeted, precipitation type turned to snow. Much of the state saw some minor accumulations on grassy and elevated surfaces, peaking across North Central Kentucky and the Bluegrass Region in the 1 to 2 inch range. Snow melted pretty quickly, but chilly temperatures stuck around the next several days with well below normal temperatures in place. Extreme minimum temperatures for the week were down in the upper 20s to middle 30s for most of Kentucky. While temperatures warmed up over the weekend, the state saw a round of widespread rainfall on Saturday. Much of the state saw between a half and one inch of precipitation. Southwestern Kentucky, including most of the Purchase and Pennyridge regions, were between 1 and 1.5 inches.

Temperatures for the period averaged 50 degrees across the state which was 7 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 62 in the West to 60 in the East. Departure from normal high temperatures ranged from 9 degrees cooler than normal in the West to 10 degrees cooler than normal in the East. Low temperatures averaged from 41 degrees in the West to 38 degrees in the East. Departure from normal low temperature ranged from 7 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. The extreme high temperature for the period was 74 degrees at BOWLING GREEN APT and the extreme low was 23 degrees at BARBOURVILLE 3E.

Precipitation (liq. equ.) for the period totaled 0.92 inches statewide which was 0.09 inches below normal and 91% of normal. Precipitation totals by climate division, West 1.24 inches, Central 1.05 inches, Bluegrass 0.78 inches and East 0.62 inches, which was 0.07, 0.03, -0.15 and -0.31 inches respectively from normal. By station, precipitation totals ranged from a low of 0.46 inches at JACKSON 3SE to a high of 2.00 inches at PRINCETON 2SE.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 04/25/21 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air			
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	1.09	16.39	2.69	56	48	70	30	50	-9
Berea	0.70	18.20	4.60	--	--	70	26	47	-11
Bowling Green	1.40	19.37	2.72	64	51	74	34	53	-6
Bristol	0.39	19.49	6.37	--	--	73	29	52	-6
Buckhorn Lake	0.54	16.37	1.77	--	--	70	29	49	-9
Cape Girardeau	1.48	14.30	-0.64	--	--	70	29	51	-10
Campbellsville	1.12	20.50	4.02	--	--	69	29	49	-10
Covington	0.82	11.63	-1.01	--	--	68	31	48	-10
Dix Dam	0.90	15.99	1.75	--	--	68	31	49	-9
Evansville	0.65	13.74	-0.10	--	--	69	32	50	-11
Glasgow	1.10	20.26	3.36	55	46	70	33	50	-9
Grayson	0.56	15.69	3.50	--	--	71	27	48	-10
Hardinsburg	1.09	19.21	3.65	--	--	71	30	49	-10
Henderson	0.56	13.34	-1.09	--	--	69	32	50	-11
Huntington	0.83	13.71	1.60	--	--	73	28	49	-9
Jackson	0.47	18.86	4.21	--	--	73	30	51	-7
Lexington	0.95	16.17	2.47	55	48	69	29	47	-11
London	0.49	18.27	3.50	--	--	72	28	49	-9
Louisville	0.76	16.80	2.45	--	--	72	34	53	-6
Mayfield	1.49	19.25	1.26	--	--	70	32	51	-10
Nashville	0.49	14.18	-1.72	--	--	75	35	54	-5
Nolin Lake	1.44	22.41	6.62	--	--	72	32	50	-9
Paducah	1.31	15.68	-0.59	66	53	74	34	54	-7
Princeton	1.81	16.80	-0.37	68	51	70	32	51	-10
Quicksand	0.46	18.12	3.47	--	--	70	27	48	-10
Somerset	0.69	19.61	3.90	--	--	69	26	47	-11
Spindletop	0.86	16.39	2.69	55	48	68	31	48	-10
Williamstown	0.60	13.47	0.00	--	--	68	30	48	-10

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