



# 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 below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.74 inches, 0.70 inches above normal. Temperatures averaged 55 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 4 percent short, 58 percent adequate, and 38 percent surplus. **Subsoil moisture** was rated 5 percent short, 65 percent adequate, and 30 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven.

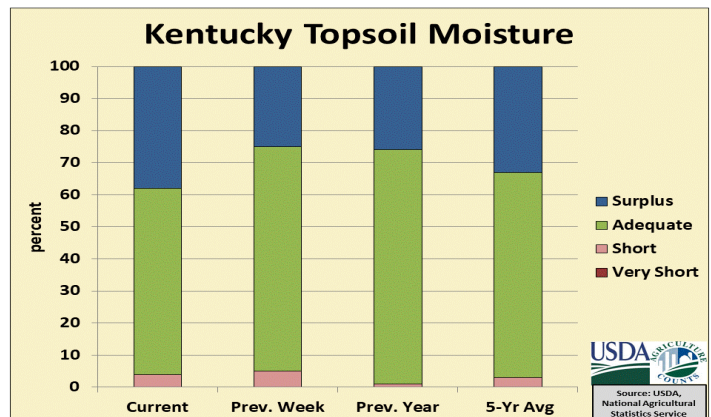
Primary activities for this week included continued planting of corn and soybeans along with seeding of tobacco transplants. Fieldwork was halted in the latter part of the week due to periods of heavy rain. Despite the setback, corn and soybean planting is moving rapidly with both crops substantially ahead of last year and the five year average. The corn crop is 14 percent emerged at this juncture. Soybeans are 3 percent emerged. Eighty-nine percent of tobacco transplants are seeded and remain in mostly good condition. Thirty-seven percent of tobacco transplants were under 2 inches, with 44 percent 2-4 inches, and 19 percent above 4 inches.

The average height of winter wheat was 20 inches with the condition mostly good. Freeze damage to alfalfa and winter wheat from two weeks ago has been assessed at this point. Winter wheat freeze damage was reported as 1 percent severe, 8 percent moderate, 23 percent light, and 68 percent with no damage. Alfalfa freeze damage was reported as 1 percent severe, 10 percent moderate, 27 percent light, and 62 percent with no damage. The average height of alfalfa is 10 inches at this time. Both peaches and apples suffered some damage from the freeze two weeks ago. Apple damage was reported as 10 percent severe, 36 percent moderate, 17 percent light, and 37 percent with no damage. Freeze damage to peaches was reported as 27 percent severe, 16 percent moderate, 15 percent light, and 42 percent with no damage.

**SOIL MOISTURE for week ending 04/26/20**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	58	38
Subsoil	-	5	65	30

- Represents zero.



**CROP PROGRESS for week ending 04/26/20**

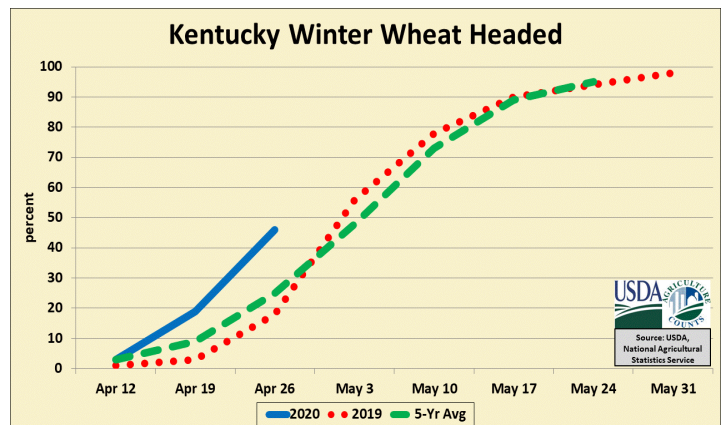
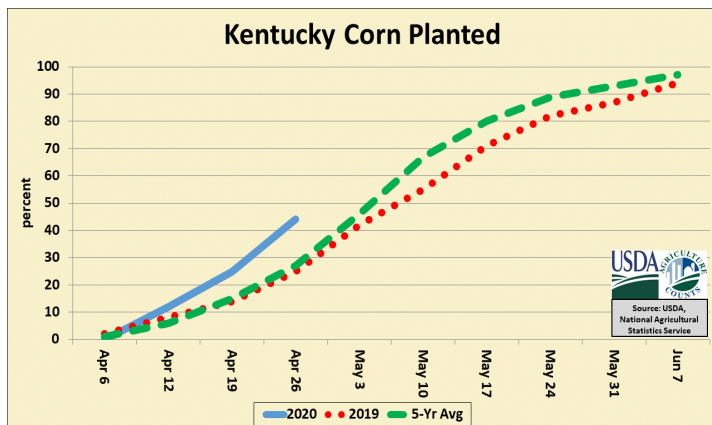
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	44	25	25	27
Corn Emerged	14	6	9	8
Soybeans Planted	18	9	3	2
Soybeans Emerged	3	-	-	-
Tobacco Transplants Seeded	89	77	89	89
Winter Wheat Headed	46	19	18	25

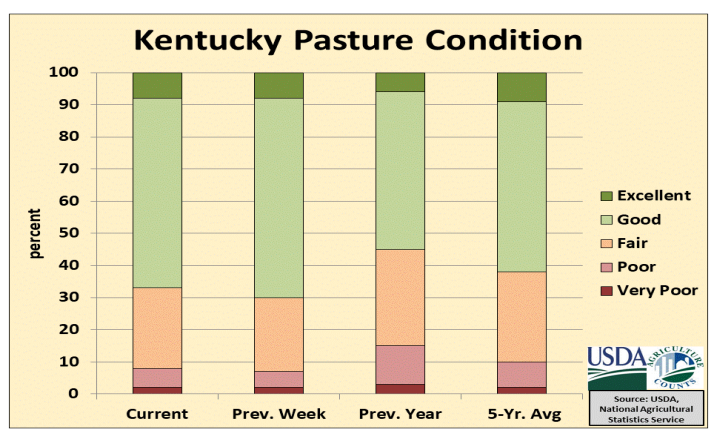
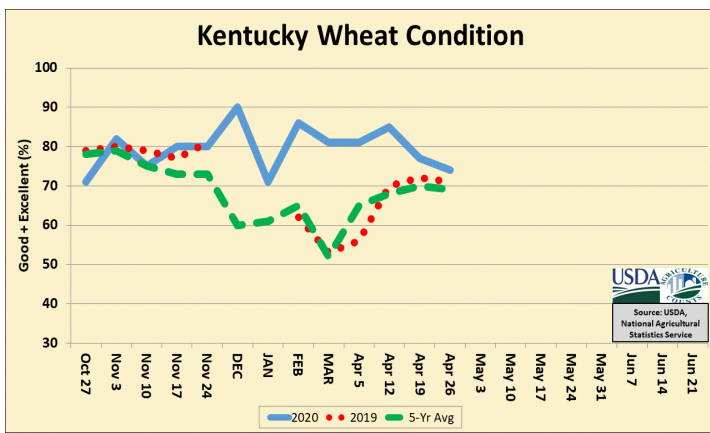
- Represents zero.

-1 Represents not available.

**CROP CONDITIONS for week ending 04/26/20**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	6	25	58	9
Tobacco Transplants	1	2	9	75	13
Wheat	1	3	22	63	11





**Kentucky Climate Summary  
For the Period April 20, 2019 to April 26, 2020**

Below Normal Temperatures and Above Normal Rainfall:

April rainfall has been below normal for much of the month, but that changed this week as Kentucky saw multiple waves of widespread showers. Overall, the state averaged 1.74 inches for the week, most of which fell Thursday and over the weekend. Other than some portions of Western Kentucky that saw under an inch, 1 to 2+ inches was common across the rest of the state. Temperatures continued to run cooler than normal, but not as significant as the previous period. The coldest temperatures were seen Tuesday night following the passage of a weak cold front through the area. Lows fell into the 30s, prompting another threat of frost, especially so across the eastern half of the state. A handful of counties once again fell into the upper 20s. This led the way to a second straight week of below normal temperatures for the Bluegrass State.

Temperatures for the period averaged 55 degrees across the state which was 3 degrees cooler than normal and 8 degrees warmer than the previous period. High temperatures averaged from 66 in the West to 64 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 48 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 76 degrees at POPLAR BLUFF ASOS and the extreme low was 28 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 1.74 inches statewide which was 0.7 inches above normal and 168% of normal. Precipitation totals by climate division, West 1.44 inches, Central 1.93 inches, Bluegrass 1.72 inches and East 1.87 inches, which was 0.25, 0.88, 0.77 and 0.92 inches above normal. By station, precipitation totals ranged from a low of 0.65 inches at PRINCETON 2SE to a high of 3.30 inches at OWENSBORO AWSS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 04/26/20 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)	(Degrees Fahrenheit)	
Bardstown	2.36	20.02	6.19	60	51	68	35	54	-6
Berea	1.92	20.86	7.12	--	--	68	30	52	-6
Bowling Green	2.06	22.93	6.14	61	52	72	38	58	-2
Bristol	2.02	22.21	8.98	--	--	69	34	56	-2
Buckhorn Lake	1.94	22.35	7.63	--	--	67	35	54	-4
Cape Girardeau	0.96	19.23	4.14	--	--	72	38	57	-5
Campbellsville	1.95	24.96	8.32	--	--	69	32	54	-6
Covington	1.12	16.14	3.37	--	--	69	35	54	-4
Cumberland Gap	3.14	36.82	19.90	--	--	56	34	46	-12
Dix Dam	1.49	19.29	4.91	--	--	68	35	54	-4
Evansville	3.05	19.69	5.72	--	--	73	37	57	-5
Glasgow	1.77	25.05	8.00	60	52	69	35	55	-5
Grayson	1.74	16.68	4.37	--	--	71	29	54	-4
Hardinsburg	2.68	19.34	3.63	--	--	71	34	54	-6
Henderson	1.87	16.42	1.85	--	--	73	34	55	-7
Huntington	1.94	16.97	4.74	--	--	70	31	54	-4
Jackson	1.70	23.74	8.96	--	--	70	37	56	-2
Lexington	1.60	17.06	3.23	57	51	67	31	53	-5
London	1.58	27.35	12.45	--	--	69	34	56	-2
Louisville	1.53	15.46	0.97	--	--	73	39	58	-2
Mayfield	0.92	19.71	1.55	--	--	72	38	56	-6
Nashville	1.50	22.98	6.93	--	--	74	41	60	0
Nolin Lake	2.08	30.29	14.34	--	--	73	35	56	-4
Paducah	1.02	22.51	6.08	70	54	73	39	58	-4
Princeton	0.66	20.34	3.01	70	52	72	37	56	-6
Quicksand	1.50	22.34	7.56	--	--	70	29	54	-4
Somerset	2.25	26.75	10.89	--	--	68	33	53	-5
Spindletop	1.44	16.90	3.07	57	51	71	34	54	-4
Williamstown	1.84	16.22	2.61	--	--	69	32	53	-5

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr1 Weather Center (859) 218-4364.