



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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Cooperative Extension Service

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Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.90 inches, 0.11 inches below normal. Temperatures averaged 47 degrees for the week, 4 degrees cooler than normal. **Topsoil moisture** was rated 2 percent very short, 1 percent short, 71 percent adequate, and 26 percent surplus. **Subsoil moisture** was rated 2 percent very short, 2 percent short, 73 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 4.2 out of a possible seven.

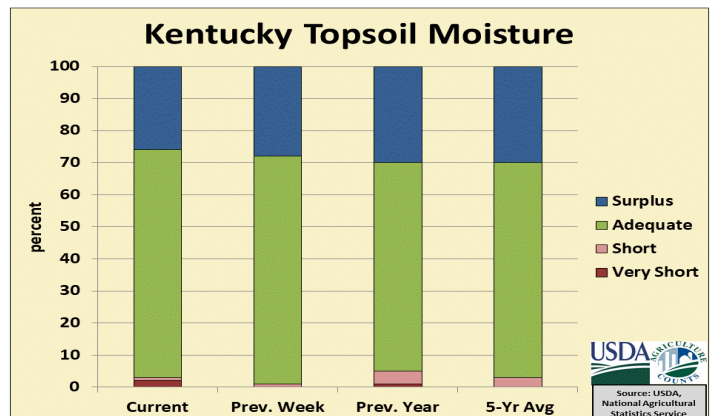
Primary activities for this week included seeding tobacco transplants and preparing fields for planting. Cold temperatures were prevalent through most of the week before giving way to warm weather over the weekend. The warm up allowed farmers to resume spraying and fertilizing fields for the 2021 crop season. A very small amount of corn has been planted at this juncture, however farmers will ramp up fieldwork in the coming weeks.

Winter wheat is in mostly good condition at this time, however there were multiple nights of sub-freezing temperatures across the state. With that said, very little freeze damage is reported currently. Alfalfa also shows very little freeze damage, however for both crops, the damage may not be readily apparent. Strawberries were susceptible to the untimely freeze and like, alfalfa and wheat, will be monitored over the foreseeable future.

Despite the cold snap, pastureland is in mostly good condition with 32 percent of feed for cattle coming from grazing. Warmer weather should quickly nullify the damage by the recent cold stretch and allow pasture growth to strengthen. Livestock condition is good at this time and will continue to improve with spring weather.

SOIL MOISTURE for week ending 04/4/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	1	71	26
Subsoil	2	2	73	23



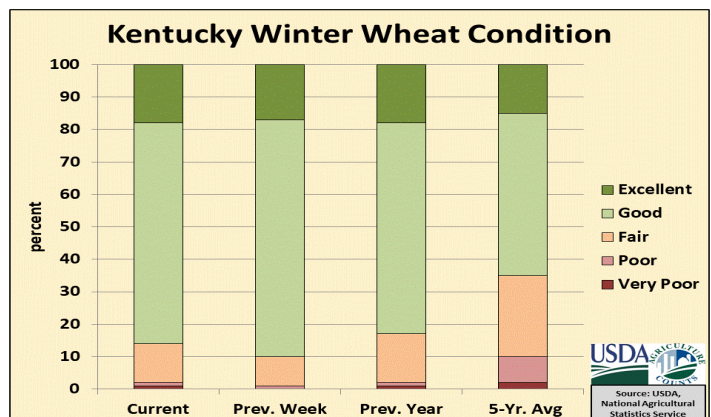
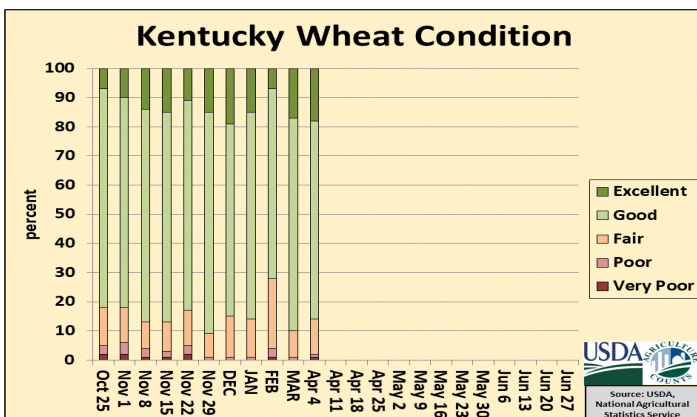
CROP PROGRESS for week ending 04/4/21

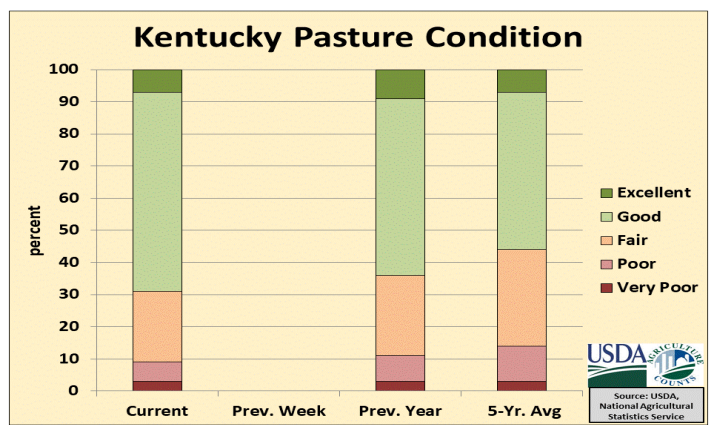
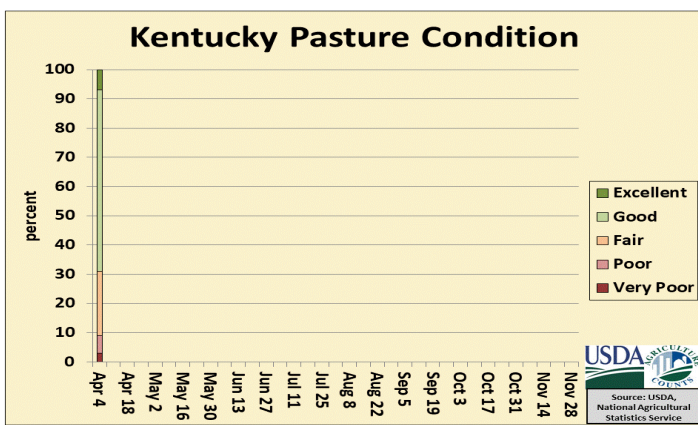
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Tobacco Transplants Seeded	40	-1	-1	-1

-1 Represents not available.

CROP CONDITIONS for week ending 04/4/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	4	17	68	10
Pasture	3	6	22	62	7
Wheat	1	1	12	68	18





**Kentucky Climate Summary
For the Period March 29, 2021 to April 4, 2021**

Below Normal Temperatures and Rainfall:

Well below normal temperatures were the big story for the week with multiple nights below the freezing mark. The week opened with frosty conditions in place on Monday morning as lows dipped into the upper 20s to low 30s. Following a brief warmup on Tuesday, a cold front pushed through the area on Tuesday night, accompanied by a round of widespread rain showers. Overall, this was the only significant rainfall event for the week with the state average at 0.90 inches. Much cooler air filtered into the area behind the boundary with three straight nights of subfreezing temperatures for much of the area. The most significant cold air arrived Thursday night/Friday morning when lows dropped into the low to middle 20s for much of KY. This is about 15 to 20 degrees below normal for this time of year. Luckily, the Commonwealth saw a warming trend over the weekend, eventually back in the upper 60s to middle 70s on Sunday with plenty of sunshine.

Temperatures for the period averaged 47 degrees across the state which was 4 degrees cooler than normal and 12 degrees cooler than the previous period. High temperatures averaged from 62 in the West to 59 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 35 degrees in the West to 33 degrees in the East. Departure from normal low temperature ranged from 6 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 78 degrees at LOUISA 1S and the extreme low was 19 degrees at PIKEVILLE 13S.

Precipitation (liq. equ.) for the period totaled 0.90 inches statewide which was 0.11 inches below normal and 89% of normal. Precipitation totals by climate division, West 1.04 inches, Central 1.10 inches, Bluegrass 0.83 inches and East 0.62 inches, which was -0.06, 0.04, -0.08 and -0.34 inches respectively from normal. By station, precipitation totals ranged from a low of 0.08 inches at POPLAR BLUFF ASOS to a high of 2.31 inches at MURRAY 1W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 03/28/21 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)	(Degrees Fahrenheit)	
Bardstown	0.93	13.84	2.85	53	43	73	23	48	-3
Berea	1.00	16.48	5.86	--	--	75	22	45	-5
Bowling Green	1.07	17.54	3.91	58	47	76	27	48	-3
Bristol	1.35	18.19	7.38	--	--	73	25	48	-2
Buckhorn Lake	0.46	15.10	3.13	--	--	74	23	48	-2
Cape Girardeau	0.14	11.95	0.11	--	--	75	25	49	-5
Campbellsville	1.22	18.41	5.25	--	--	74	21	45	-6
Covington	0.35	10.22	0.20	--	--	74	24	47	-3
Dix Dam	0.99	14.31	3.03	--	--	75	20	46	-4
Evansville	0.17	12.67	1.64	--	--	77	25	50	-4
Glasgow	1.10	18.44	4.72	54	41	74	25	47	-4
Grayson	1.16	14.10	4.46	--	--	76	23	46	-4
Hardinsburg	1.64	17.07	4.53	--	--	74	25	47	-4
Henderson	0.19	12.45	1.00	--	--	74	21	46	-8
Huntington	0.88	11.50	1.91	--	--	77	24	48	-2
Jackson	0.60	17.11	5.33	--	--	77	26	49	-1
Lexington	0.85	14.03	3.04	54	44	73	23	46	-4
London	1.04	17.37	5.35	--	--	74	24	46	-4
Louisville	1.25	14.47	3.09	--	--	78	28	50	-1
Mayfield	1.56	15.84	1.39	--	--	72	24	47	-7
Nashville	0.71	13.01	0.17	--	--	77	30	50	-1
Nolin Lake	1.19	20.09	7.47	--	--	74	25	47	-4
Paducah	0.59	13.17	0.41	62	46	74	26	50	-4
Princeton	2.15	14.01	0.20	62	44	75	23	48	-6
Quicksand	0.57	16.08	4.30	--	--	76	24	45	-5
Somerset	0.64	16.97	4.30	--	--	74	22	44	-6
Spindletop	1.02	14.23	3.24	--	--	73	24	46	-4
Williamstown	0.79	11.62	1.06	--	--	73	24	46	-4

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4363.