



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
601 W Broadway, Rm 645
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: April 4, 2022

Issue: 5-22

Agricultural News: Kentucky experienced below normal temperatures and precipitation over the past week. Precipitation for the week totaled 0.54 inches, 0.47 inches below normal. Temperatures averaged 48 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 13 percent short, 71 percent adequate, and 16 percent surplus. **Subsoil moisture** was rated 1 percent very short, 10 percent short, 77 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 4.5 out of a possible seven.

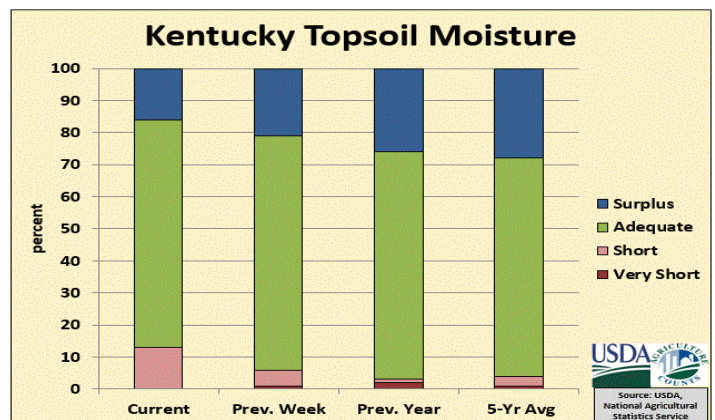
Primary activities for this week included seeding tobacco transplants and preparing fields for the planting season. Cool weather was prevalent throughout most of the week, however the state experienced one very warm day mid-week ahead of a storm front. With frost advisories over the weekend, early season crops were susceptible. Despite cold temperatures, farmers sprayed fields whenever possible as they look ahead to planting. While a small amount of corn has been planted, fieldwork will move into high gear in the coming weeks. Seeding of tobacco transplants is on par with history.

Winter wheat condition is mostly good as much of the crop has avoided freeze damage thus far. Freeze damage for the winter wheat crop was rated as 21% moderate, 10% light, and 69% with none. Livestock are mostly good, however pasture ground could use warmer temperatures and rain to rejuvenate. At this time, 26% of feed for cattle is coming from pasture. Alfalfa freeze damage was rated as 1% severe, 4% moderate, 13% light, and 82% with none. There were reports that forages are in need of rain to trigger early growth. It is of note that weevils have been observed in alfalfa.

SOIL MOISTURE for week ending 04/03/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	13	71	16
Subsoil	1	10	77	12

- Represents zero.



CROP PROGRESS for week ending 04/03/22

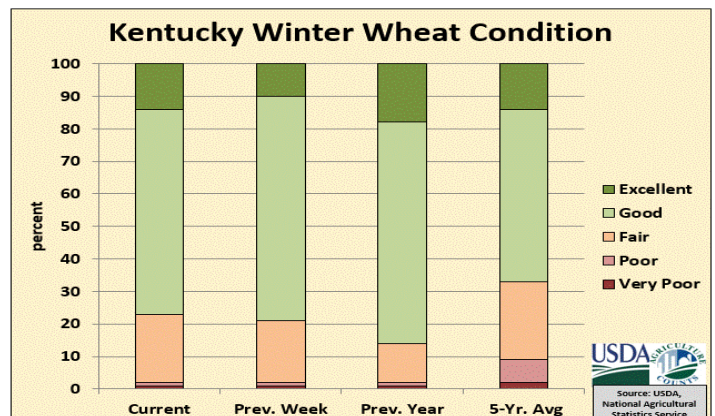
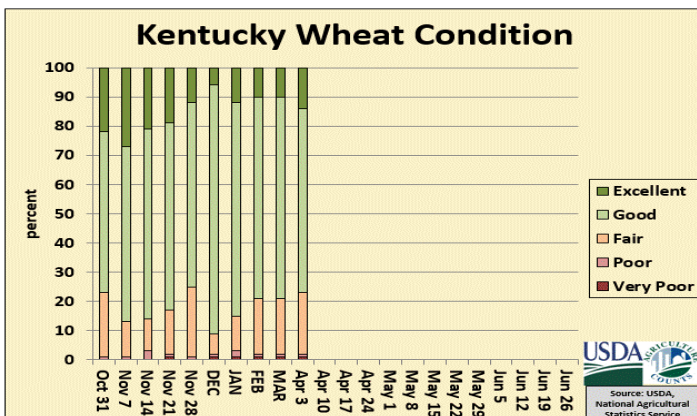
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	1	-	-	-
Tobacco Transplants Seeded	38	-	-1	-1

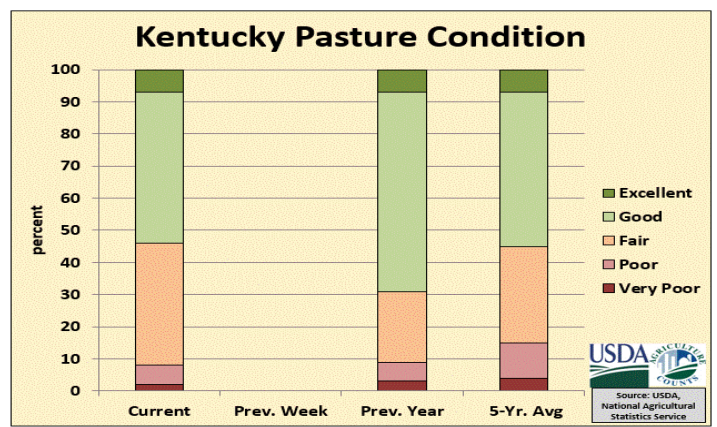
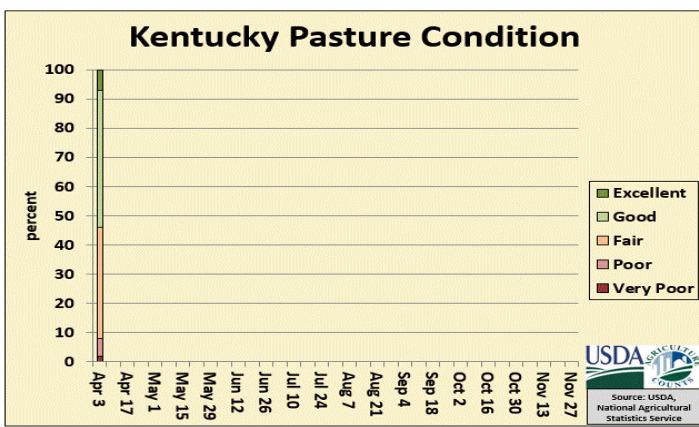
- Represents zero.

-1 Represents not available.

CROP CONDITIONS for week ending 04/03/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	2	17	72	8
Pasture	2	6	38	47	7
Wheat	1	1	21	63	14





**Kentucky Climate Summary
For the Period March 28, 2022 to April 3, 2022**

Below Normal Temperatures and Precipitation:

The period began with well below normal temperatures in place on Monday morning. This was especially the case across the eastern half of Kentucky, where many saw lows dip into the low to mid 20s. Some even into the upper teens. A strong storm system then took shape midweek. Kentucky saw very breezy southerly flow on Wednesday and Wednesday night ahead of a cold front. Peak wind gusts were 40 to 50 mph+. The Kentucky Mesonet stations in Union and Franklin Counties even peaked above 70 mph. The high winds combined with low relative humidity led to an enhanced fire danger across the eastern half of Kentucky. Highs peaked in the upper 70s to low 80s for just about everyone. Later in the day, a line of showers and storms progressed east through the area, gradually diminishing with time. Overall, while portions of Western KY saw 1 inch+, much of Eastern KY recorded less than a quarter inch. This has been a trend for South Central and Southeastern KY over the past month, which are running anywhere from 1 to 3 inches below normal over that time span. The rest of the week featured some additional bouts of very light rainfall (nothing significant) and below normal temperatures. The first Freeze Warnings and Frost Advisories of the spring season were even issued on Friday and Saturday nights with some early season vegetation becoming vulnerable.

Temperatures for the period averaged 48 degrees across the state which was 3 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 2 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 40 degrees in the West to 36 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to near normal in the East. The extreme high temperature for the period was 85 degrees at LOUISA 1S and the extreme low was 17 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 0.54 inches statewide which was 0.47 inches below normal and 53% of normal. Precipitation totals by climate division, West 1.27 inches, Central 0.52 inches, Bluegrass 0.16 inches and East 0.22 inches, which was 0.17, -0.54, -0.75 and -0.75 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at BARBOURVILLE 3E to a high of 2.27 inches at BENTON 4N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/03/22 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	0.28	14.01	3.15	53	42	80	23	46	-5
Berea	0.26	13.12	2.64	--	--	81	20	45	-4
Bowling Green	0.71	14.55	1.07	56	46	82	31	52	1
Bristol	0.24	13.56	2.86	--	--	80	25	49	0
Buckhorn Lake	0.05	13.64	1.79	--	--	81	24	47	-2
Cape Girardeau	1.29	17.00	5.31	--	--	74	32	52	-1
Campbellsville	0.42	14.07	1.07	--	--	82	21	46	-5
Covington	0.17	10.73	0.84	--	--	80	20	44	-5
Dix Dam	0.11	15.31	4.17	--	--	79	22	45	-4
Evansville	0.71	15.79	4.90	--	--	80	28	48	-5
Glasgow	0.73	16.44	2.88	55	44	80	30	49	-2
Grayson	0.07	13.32	3.80	--	--	84	21	47	-2
Hardinsburg	0.86	15.55	3.15	--	--	78	24	47	-4
Henderson	0.95	14.18	2.87	--	--	79	27	48	-5
Huntington	0.08	9.69	0.22	--	--	84	25	47	-2
Jackson	0.09	15.12	3.48	--	--	82	26	48	-1
Lexington	0.08	16.93	6.07	54	42	81	24	46	-3
London	0.26	13.97	2.08	--	--	80	24	48	-1
Louisville	0.32	12.15	0.91	--	--	84	29	48	-3
Mayfield	1.59	17.93	3.64	--	--	76	31	51	-2
Nashville	0.89	17.89	5.19	--	--	83	35	55	4
Nolin Lake	0.48	13.47	1.00	--	--	79	27	47	-4
Paducah	0.99	16.02	3.43	58	48	77	33	52	-1
Quicksand	0.06	14.76	3.12	--	--	83	21	47	-2
Somerset	0.89	16.88	4.35	--	--	80	20	46	-3
Williamstown	0.18	13.24	2.81	--	--	80	20	45	-4

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