



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: nassrfoemr@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 12, 2021

Issue: 06-21

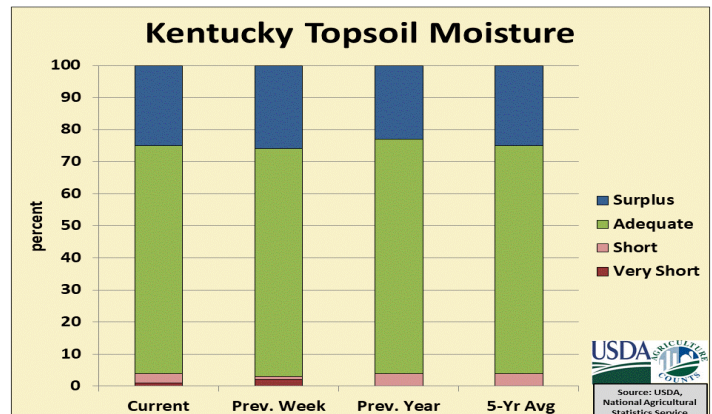
Agricultural News: Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.79 inches, 0.20 inches below normal. Temperatures averaged 63 degrees for the week, 10 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 3 percent short, 71 percent adequate, and 25 percent surplus. **Subsoil moisture** was rated 1 percent very short, 3 percent short, 72 percent adequate, and 24 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven.

Primary activities for this week included seeding tobacco transplants, preparing fields, and planting corn. Farmers are steadily planting as weather allows. It is of note that some early season soybeans are in the ground and planting will increase in the coming week. Fieldwork was stymied at times as rain moved in mid-week and after a slight reprieve, returned over the weekend. Tobacco transplants are 53 percent seeded, trailing both last year and the five-year average. Forty-two percent of apples are in full bloom while peaches are at 60 percent.

The average height of winter wheat is 11 inches at this time while 2 percent of the crop has headed. Wheat condition remains mostly good despite the recent freeze event. Current freeze damage for wheat is rated as 3 percent moderate, 33 percent light, and 64 percent with no damage. The crop will continue to be assessed and further damage may become apparent. Alfalfa freeze damage is rated as 1 percent severe, 8 percent moderate, 26 percent light, and 65 percent with no damage. Like the wheat crop, alfalfa is still being observed for possible adverse effects. Decent conditions have allowed forages to stay ahead of weed growth thus far.

SOIL MOISTURE for week ending 04/11/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	3	71	25
Subsoil	1	3	72	24



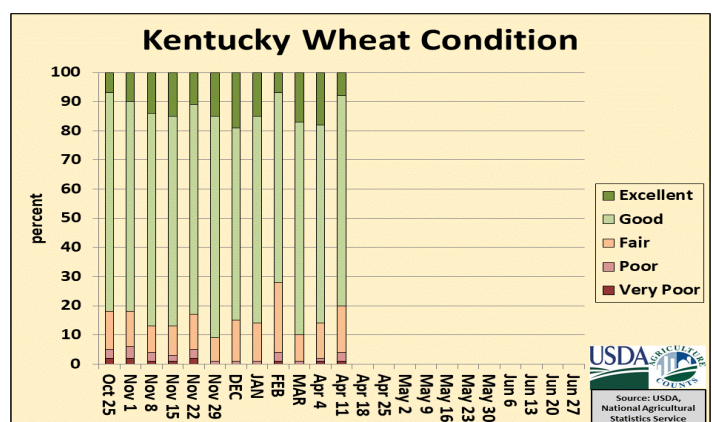
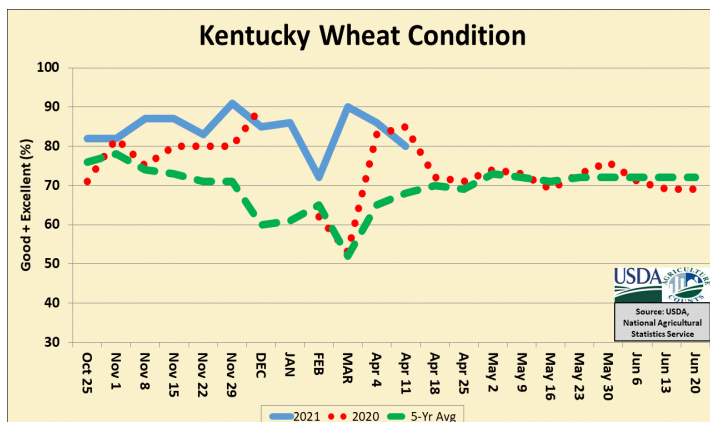
CROP PROGRESS for week ending 04/11/21

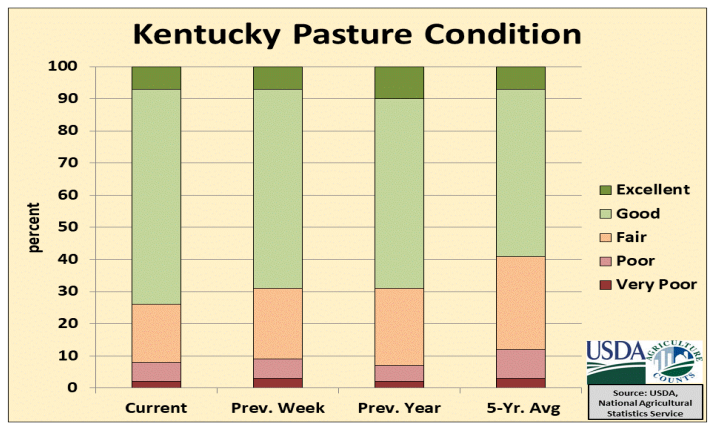
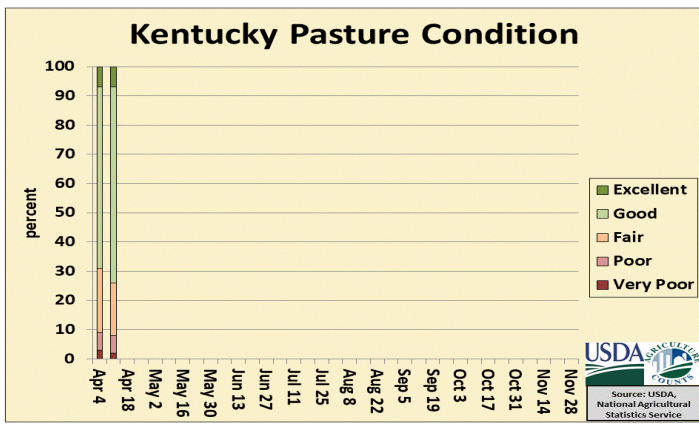
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Apples Blooming	42	-1	-1	-1
Corn Planted	10	-1	10	7
Peaches Blooming	60	-1	-1	-1
Tobacco Transplants Seeded	53	40	66	69
Winter Wheat Headed	2	-1	3	3

- Represents zero.
-1 Represents not available.

CROP CONDITIONS for week ending 04/11/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	6	18	67	7
Wheat	1	3	16	72	8





**Kentucky Climate Summary
For the Period April 4, 2021 to April 11, 2021**

Well Above Normal Temperatures and Below Normal Rainfall:

The period started with dry and very mild conditions in place. Highs Monday through Wednesday rose into the middle 70s to low 80s behind southwest winds and mostly sunny skies. Showers and storms returned to the area midweek, peaking in coverage on Wednesday night and into Thursday with widespread showers in place. Kentucky then saw a brief break from the rain on Friday with well above normal temperatures across the state. In fact, portions of the western half of Kentucky jumped into the middle 80s, about 15 to 20 degrees above normal for this time of year. Additional showers and storms arrived over the weekend, most notably on Saturday and lingering across the northern half of the state on Sunday. Overall, the state averaged 0.79 inches for the week, marking a 2nd straight week that the state average has run slightly below normal.

Temperatures for the period averaged 63 degrees across the state which was 10 degrees warmer than normal and 16 degrees warmer than the previous period. High temperatures averaged from 76 in the West to 75 in the East. Departure from normal high temperatures ranged from 9 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. Low temperatures averaged from 54 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 10 degrees warmer than normal in the West to 12 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at EVANSVILLE ASOS and the extreme low was 33 degrees at BARBOURVILLE 3E.

Precipitation (liq. equ.) for the period totaled 0.79 inches statewide which was 0.2 inches below normal and 79% of normal. Precipitation totals by climate division, West 0.63 inches, Central 0.74 inches, Bluegrass 0.93 inches and East 0.84 inches, which was -0.50, -0.28, 0.03 and -0.09 inches respectively from normal. By station, precipitation totals ranged from a low of 0.12 inches at OWENSBORO AWSS to a high of 1.68 inches at MAYFIELD 6SW

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/04/21 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	1.24	15.08	3.19	59	48	79	45	64	10
Berea	0.98	17.46	5.85	--	--	81	36	60	8
Bowling Green	0.42	17.96	3.33	62	51	83	41	65	11
Bristol	0.58	18.77	7.19	--	--	78	31	61	9
Buckhorn Lake	0.60	15.70	2.85	--	--	80	46	64	12
Cape Girardeau	0.72	12.67	-0.20	--	--	82	42	64	8
Campbellsville	0.92	19.33	5.06	--	--	80	38	62	8
Covington	0.55	10.77	-0.12	--	--	81	45	62	10
Dix Dam	0.69	15.00	2.73	--	--	80	42	62	10
Evansville	0.33	13.00	1.04	--	--	86	45	66	10
Glasgow	0.64	19.08	4.30	57	46	80	41	63	9
Grayson	0.90	15.00	4.51	--	--	82	36	62	10
Hardinsburg	0.56	17.63	4.08	--	--	82	42	63	9
Henderson	0.26	12.71	0.27	--	--	83	41	62	6
Huntington	1.10	12.60	2.17	--	--	82	42	64	12
Jackson	1.04	18.15	5.42	--	--	82	49	66	14
Lexington	0.76	14.79	2.90	58	49	79	41	61	9
London	0.39	17.76	4.82	--	--	81	37	62	10
Louisville	1.43	15.90	3.53	--	--	84	49	66	12
Mayfield	1.68	17.52	1.89	--	--	83	38	63	7
Nashville	0.67	13.68	-0.18	--	--	84	47	66	12
Nolin Lake	0.86	20.95	7.27	--	--	83	46	63	9
Paducah	0.91	14.08	0.15	67	52	83	45	66	10
Princeton	0.66	14.67	-0.26	69	52	82	44	64	8
Quicksand	1.35	17.43	4.70	--	--	82	35	60	8
Somerset	1.89	18.86	5.17	--	--	80	35	61	9
Spindletop	0.88	15.11	3.22	--	--	79	44	61	9
Williamstown	1.09	12.71	1.18	--	--	79	44	62	10

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