



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

Released: April 20, 2020

Issue: 05-20

Agricultural News: Kentucky experienced well below normal temperatures and near normal rainfall over the past week. Precipitation for the week totaled 1.06 inches, 0.07 inches above normal. Temperatures averaged 46 degrees for the week, 10 degrees below normal. **Topsoil moisture** was rated 5 percent short, 70 percent adequate, and 25 percent surplus. **Subsoil moisture** was rated 6 percent short, 73 percent adequate, and 21 percent surplus. Days suitable for fieldwork averaged 4.5 out of a possible seven.

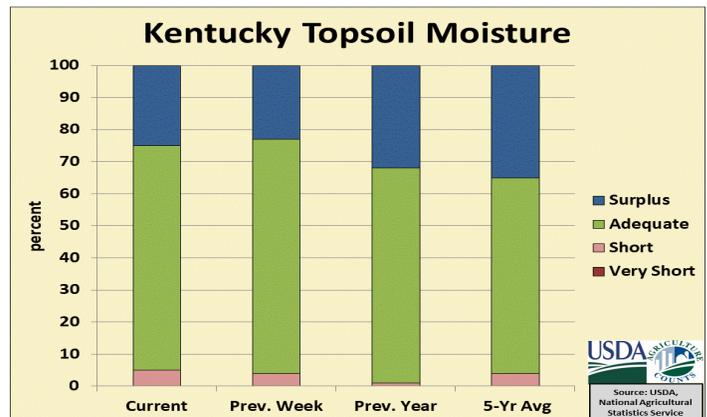
Primary activities for this week included continued planting of corn and soybeans along with seeding of tobacco transplants. The state experienced a few light overnight freezes this week with mild daytime temperatures. Rain in the early part of the week disrupted fieldwork. Despite the weather setbacks, corn and soybean planting continued with both crops ahead of last year and the five year average. The corn crop is 6 percent emerged at this juncture. Soybeans did not sustain widespread freeze damage due to the fact that they have not yet emerged. Tobacco transplants are in mostly good condition.

The average height of winter wheat was 17 inches with the condition mostly good. Winter wheat freeze damage was reported as 1 percent severe, 4 percent moderate, 37 percent light, and 58 percent with no damage. Alfalfa freeze damage was reported as 1 percent severe, 12 percent moderate, 32 percent light, and 55 percent with no damage. It is of note that any damage may not be apparent until assessment this week. The average height of alfalfa is 10 inches at this time.

SOIL MOISTURE for week ending 04/19/20

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	5	70	25
Subsoil	-	6	73	21

- Represents zero.



CROP PROGRESS for week ending 04/19/20

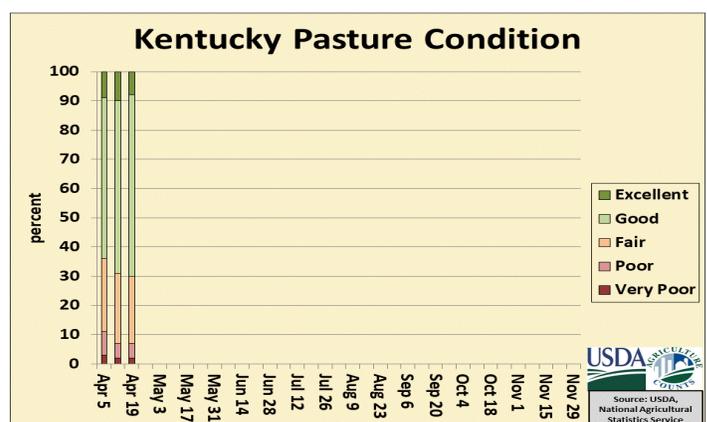
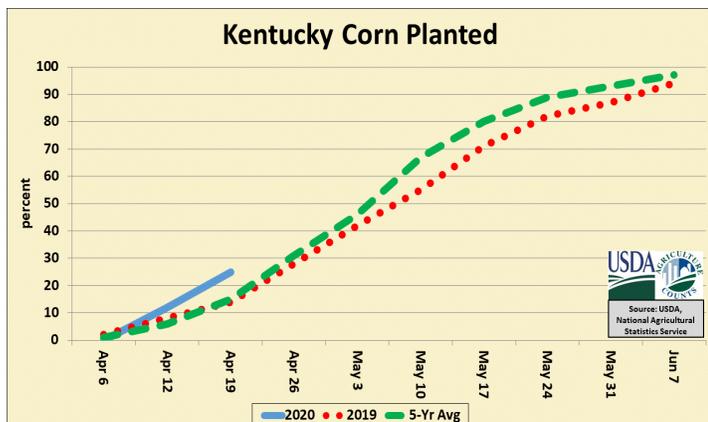
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	25	12	14	15
Corn Emerged	6	-1	2	2
Soybeans Planted	9	5	1	-
Tobacco Transplants Seeded	77	68	80	82
Winter Wheat Headed	19	3	3	9

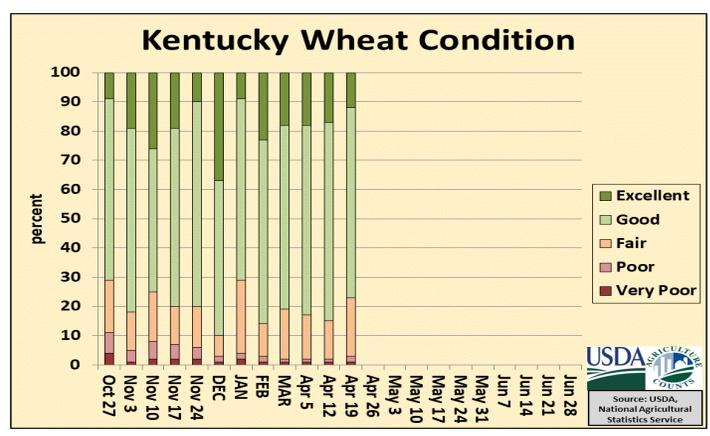
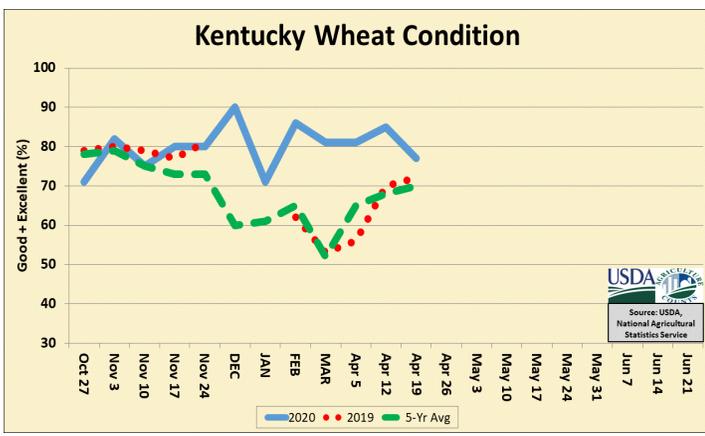
- Represents zero.

-1 Represents not available.

CROP CONDITIONS for week ending 04/19/20

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	5	23	62	8
Tobacco Transplants	1	3	9	83	4
Wheat	1	2	20	65	12





**Kentucky Climate Summary
For the Period April 13, 2019 to April 19, 2020**

Well Below Normal Temperatures and Near Normal Rainfall:

The week started with a line of showers and storms continuing to progress across the state ahead of a cold front. Based on the data cutoff, some of this rainfall was on last week's report. While the state average was near normal this period, much of this average came from this event. The rest of the week followed a much drier pattern with only light accumulations throughout. In fact, most of the state saw less than half inch of additional rainfall, most coming on Friday. Overall, through the 19th, the state has averaged 2.14 inches for the month of April, which is roughly a half inch below normal. Well below normal temperatures accompanied the dry conditions. Normal high temperatures run in the middle 60s to around 70 for the middle of April, while lows average in the middle to upper 40s. Over much of the period, high struggled in the 50s, while also seeing multiple bouts of subfreezing temperatures. This was especially the case Tuesday night as much of the state dropped below freezing and some even experienced a hard freeze with lows dipping into the middle 20s to low 30s. This was followed by another round on Wednesday night, but subfreezing temperatures were primarily limited to the northern half of Kentucky. Altogether, the cold temperatures throughout the period broke a six week streak of the state average temperature running above normal.

Temperatures for the period averaged 46 degrees across the state which was 10 degrees cooler than normal and 12 degrees cooler than the previous period. High temperatures averaged from 59 in the West to 58 in the East. Departure from normal high temperatures ranged from 11 degrees cooler than normal in the West to 11 degrees cooler than normal in the East. Low temperatures averaged from 38 degrees in the West to 34 degrees in the East. Departure from normal low temperature ranged from 8 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. The extreme high temperature for the period was 75 degrees at BOONEVILLE 2S and the extreme low was 22 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 1.06 inches statewide which was 0.07 inches above normal and 108% of normal. Precipitation totals by climate division, West 0.68 inches, Central 0.95 inches, Bluegrass 1.30 inches and East 1.31 inches, which was -0.44, -0.04, 0.40 and 0.38 inches respectively from normal. By station, precipitation totals ranged from a low of 0.09 inches at CAPE GIRARDEAU ASOS to a high of 3.13 inches at YELLOW CREEK.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/19/20 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)		
Bardstown	1.86	17.66	4.73	56	47	65	27	46	-11
Berea	0.74	18.94	6.19	--	--	71	24	44	-12
Bowling Green	0.75	20.87	5.08	59	48	75	29	50	-7
Bristol	0.36	20.19	7.73	--	--	72	31	50	-6
Buckhorn Lake	1.48	20.41	6.56	--	--	71	29	46	-10
Cape Girardeau	0.09	18.27	4.21	--	--	63	30	49	-10
Campbellsville	0.66	23.01	7.48	--	--	72	25	46	-11
Covington	1.38	15.02	3.13	--	--	60	25	44	-12
Cumberland Gap	2.29	33.68	17.72	--	--	60	21	41	-15
Dix Dam	1.34	17.80	4.41	--	--	67	28	46	-10
Evansville	0.16	16.64	3.60	--	--	60	28	46	-13
Glasgow	0.68	23.28	7.29	57	47	71	27	48	-9
Grayson	0.83	14.94	3.48	--	--	72	29	47	-9
Hardinsburg	1.15	16.66	1.96	--	--	60	27	45	-12
Henderson	0.28	14.55	0.97	--	--	60	24	45	-14
Huntington	0.82	15.03	3.64	--	--	66	28	46	-10
Jackson	0.96	22.04	8.21	--	--	74	30	47	-9
Lexington	1.44	15.46	2.53	55	48	62	25	44	-12
London	1.04	25.77	11.79	--	--	75	28	47	-9
Louisville	1.37	13.93	0.43	--	--	62	30	48	-9
Mayfield	0.74	18.79	1.81	--	--	71	28	48	-11
Nashville	0.78	21.48	6.45	--	--	77	30	52	-5
Nolin Lake	1.74	28.21	13.32	--	--	72	26	48	-9
Paducah	0.37	21.49	6.23	66	47	70	29	50	-9
Princeton	1.00	19.68	3.47	63	45	72	26	47	-12
Quicksand	1.07	20.84	7.01	--	--	74	28	47	-9
Somerset	0.80	24.50	9.66	--	--	72	23	44	-12
Spindletop	1.50	15.46	2.53	54	46	62	27	45	-11
Williamstown	1.13	14.38	1.74	--	--	62	25	44	-12

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