



# 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 near normal temperatures and above normal precipitation over the past week. Precipitation for the week totaled 1.08 inches, 0.06 inches above normal. Temperatures averaged 50 degrees for the week, near normal. **Topsoil moisture** was rated 2 percent short, 72 percent adequate, and 26 percent surplus. **Subsoil moisture** was rated 1 percent very short, 1 percent short, 75 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 4.8 out of a possible seven.

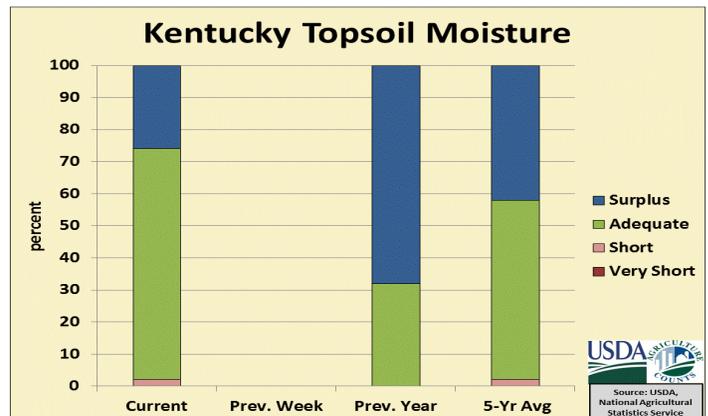
Primary activities for this week included seeding tobacco transplants along with spraying and preparing fields for the planting season. Warm, dry conditions allowed fields to start drying out before more rain and cooler temperatures moved in on the weekend. There was very little freeze damage to winter wheat and the crop is in mostly good condition. Alfalfa was also largely spared from freeze as small amounts of light and moderate damage were reported.

Livestock condition is mostly good to fair at this juncture, however cattle have been adversely affected by wet, muddy pastures and an overall hay shortage during the winter months. In some cases cows will be moved to a fall breeding schedule due to their current body conditions. Approximately 20 percent of feed for cattle and calves was obtained from pastures. Pasture condition was rated as mostly fair at this time.

**SOIL MOISTURE for week ending 03/31/19**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	2	72	26
Subsoil	1	1	75	23

- Represents zero.



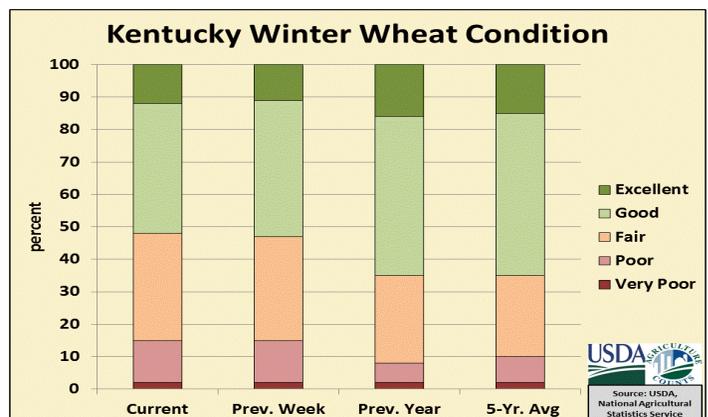
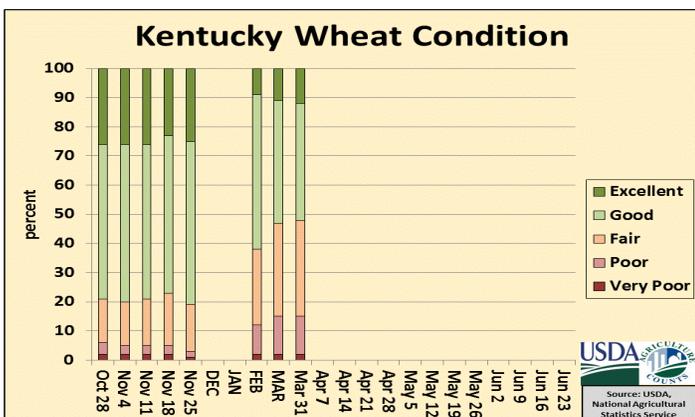
**CROP PROGRESS for week ending 03/31/19**

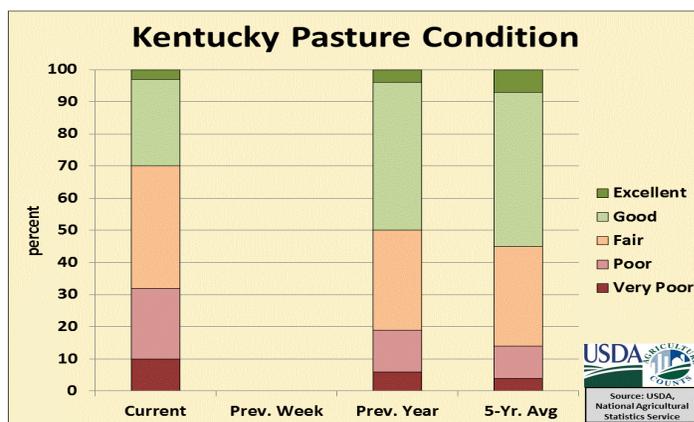
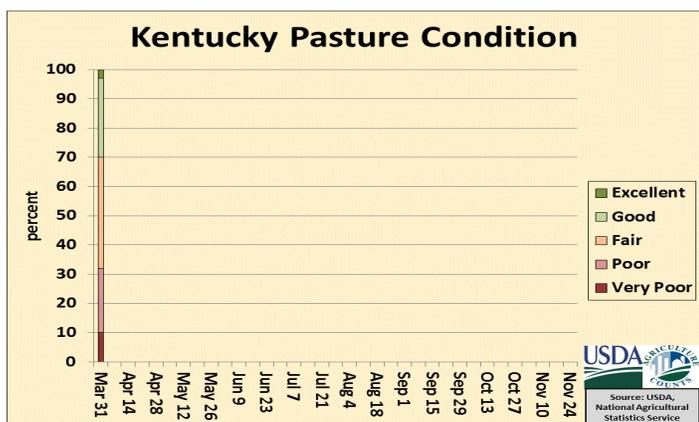
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Tobacco Transplants Seeded	43	-1	-1	-1

-1 Represents not available.

**CROP CONDITIONS for week ending 03/31/19**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	6	19	31	39	5
Pasture	10	22	38	27	3
Wheat	2	13	33	40	12





**Kentucky Climate Summary  
For the Period March 25, 2019 to March 31, 2019**

Near Normal Temperatures and Above Normal Precipitation:

The month of March came to a close with a week of slightly above normal rainfall and near normal temperatures. The period started with low pressure sliding southeast across the area, sparking showers and isolated storms. A few dry days followed with mostly sunny skies taking temperatures on the uphill climb. Highs were sitting in the 70s by Thursday for much of Kentucky. Rain chances then went on the increase again starting Thursday night and lasting through Saturday. Rainfall totals were on the light side early-on, but a strong cold front passed through the state on Saturday, sparking a line of showers and storms. This line accounted for the brunt of the rainfall for the week, a little over an inch on average. This broke a two week stretch of below normal rainfall through the mid- section of March. Overall, data at the Ag Weather Center shows Kentucky averaged 3.46 inches for month, which was the first month of below normal precipitation since October of last year.

Temperatures for the period averaged 50 degrees across the state which was near normal and 4 degrees warmer than the previous period. High temperatures averaged from 60 in the West to 62 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to near normal in the East. Low temperatures averaged from 41 degrees in the West to 40 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 79 degrees at JACKSON and the extreme low was 21 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 1.08 inches statewide which was 0.06 inches above normal and 105% of normal. Precipitation totals by climate division, West 1.24 inches, Central 0.95 inches, Bluegrass 1.45 inches and East 0.69 inches, which was 0.14, -0.13, 0.53 and -0.31 inches respectively from normal. By station, precipitation totals ranged from a low of 0.35 inches at SOMERSET AWOS to a high of 2.91 inches at CINCINNATI.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 03/31/19 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	1.41	15.25	4.78	53	43	70	28	50	0
Berea	0.94	14.30	4.25	--	--	75	24	48	0
Bowling Green	0.77	16.81	3.76	56	42	74	27	53	3
Bristol	0.70	17.09	6.72	--	--	75	29	51	3
Buckhorn Lake	0.77	16.05	4.58	--	--	75	30	51	3
Cape Girardeau	1.28	16.07	4.82	--	--	72	29	50	-2
Campbellsville	0.59	16.60	4.07	--	--	71	26	48	-2
Covington	2.91	16.75	7.23	--	--	71	28	47	-1
Cumberland Gap	1.41	25.58	12.20	--	--	62	20	44	-4
Dix Dam	1.14	13.42	2.70	--	--	72	27	49	1
Evansville	1.96	18.66	8.17	--	--	72	29	49	-3
Glasgow	0.67	17.01	3.90	54	42	70	30	50	0
Grayson	0.41	12.36	3.20	--	--	76	24	51	3
Hardinsburg	1.28	16.33	4.36	--	--	73	25	48	-2
Henderson	1.77	16.23	5.35	--	--	72	26	48	-4
Huntington	0.46	11.24	2.23	--	--	75	23	48	0
Jackson	0.59	15.66	4.43	--	--	79	29	53	5
Lexington	1.10	14.38	3.91	55	41	73	28	50	2
London	0.60	18.67	7.17	--	--	76	30	51	3
Louisville	1.61	15.29	4.47	--	--	75	32	52	2
Mayfield	1.44	23.87	10.09	--	--	72	26	50	-2
Nashville	0.65	19.43	7.17	--	--	74	31	56	6
Nolin Lake	0.70	18.72	6.70	--	--	73	29	53	3
Paducah	1.62	21.99	9.90	57	43	73	28	52	0
Princeton	1.13	18.10	4.93	57	43	74	26	50	-2
Quicksand	0.64	15.23	4.00	--	--	77	25	49	1
Somerset	0.56	19.23	7.14	--	--	75	26	49	1
Spindletop	1.73	15.24	4.77	55	41	71	28	48	0
Williamstown	1.40	16.49	6.48	--	--	70	27	46	-2

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