



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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Agricultural News: Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.78 inches, 0.80 inches above normal. Temperatures averaged 56 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 1 percent short, 67 percent adequate, and 32 percent surplus. **Subsoil moisture** was rated 1 percent short, 75 percent adequate, and 24 percent surplus. Days suitable for fieldwork averaged 3.5 out of a possible seven.

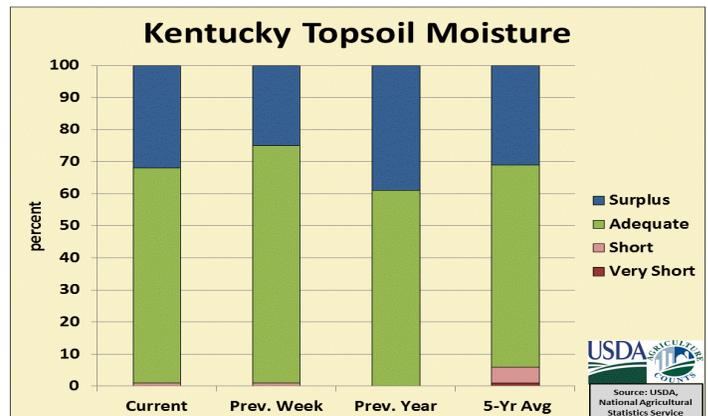
Primary activities for this week included continued corn planting and tobacco transplant seeding. Fieldwork was interrupted by rain with cold temperatures moving in at the end of the week. Despite the weather setbacks, corn producers were able to make some planting progress. Planting is ahead of last year at this time, but slightly below the five year average. Soybean planting is underway for some producers, but very little is in the ground at this juncture. Fifty seven percent of tobacco transplants were under 2 inches, with 34 percent 2-4 inches, and 9 percent above 4 inches. Transplants remain in mostly fair to good condition.

The average height of winter wheat was 18 inches, up from 13 inches last week. The average height of alfalfa was 8 inches, compared to 6 inches the previous week. Freeze damage to apples was reported as 1 percent severe, 2 percent moderate, 22 percent light, and 75 percent with no damage. Peach freeze damage was reported as 1 percent severe, 2 percent moderate, 13 percent light, and 84 percent with no damage.

SOIL MOISTURE for week ending 04/21/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	67	32
Subsoil	-	1	75	24

- Represents zero.



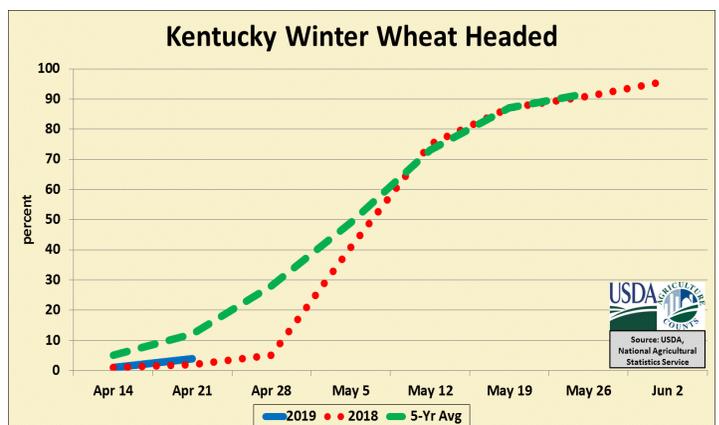
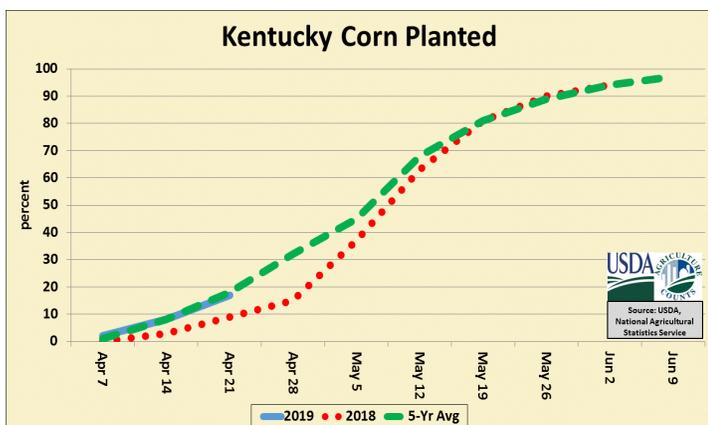
CROP PROGRESS for week ending 04/21/19

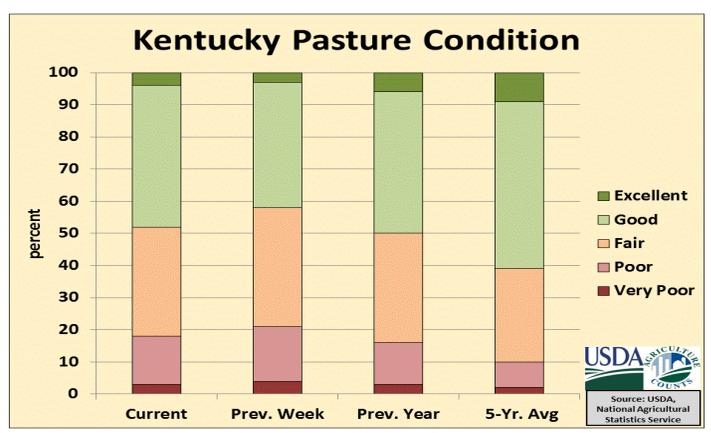
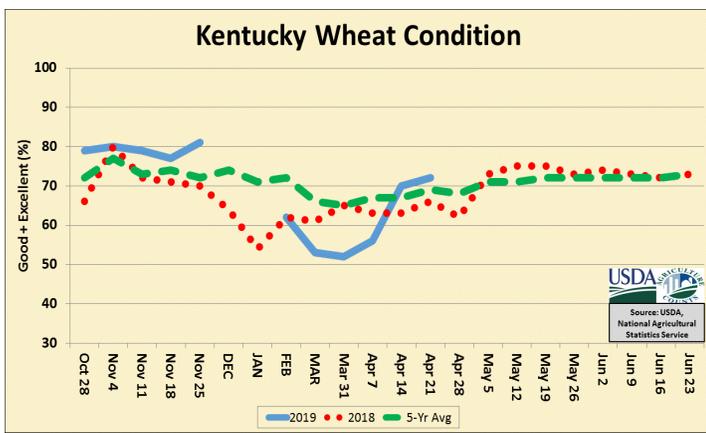
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	17	8	9	18
Corn Emerged	3	-	-	4
Soybeans Planted	1	-	-	1
Tobacco Transplants Seeded	82	74	78	86
Winter Wheat Headed	4	1	2	12

- Represents zero.

CROP CONDITIONS for week ending 04/21/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	15	34	44	4
Tobacco Transplants	1	3	21	69	6
Wheat	1	4	23	54	18





**Kentucky Climate Summary
For the Period April 15, 2019 to April 21, 2019**

Near Normal Temperatures and Above Normal Rainfall:

According to data with the UK Ag Weather Center, April has been a fairly wet month thus far for the Bluegrass State with the state averaging 3.94 inches through the 21st. This is about an inch above normal over that time span. A good portion of that total fell this past week as the state averaged 1.78 inches. Most of this activity fell over a three day period, lasting from Thursday into Saturday as a cold front and associated area of low pressure worked through the state. This marked the second straight week of above normal rainfall. A substantial area of Western/Central Kentucky and up into the Northern Bluegrass even received in excess of two inches with this round.

Temperatures for the period averaged 56 degrees across the state which was near normal and 6 degrees cooler than the previous period. High temperatures averaged from 67 in the West to 67 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 46 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at BIG SANDY and the extreme low was 30 degrees at CARBONDALE ASOS.

Precipitation (liq. equ.) for the period totaled 1.78 inches statewide which was 0.8 inches above normal and 181% of normal. Precipitation totals by climate division, West 2.25 inches, Central 2.20 inches, Bluegrass 1.79 inches and East 0.88 inches, which was 1.12, 1.21, 0.89 and -0.04 inches respectively from normal. By station, precipitation totals ranged from a low of 0.40 inches at WILLIAMSBURG AWOS to a high of 3.84 inches at GREENVILLE 6N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/21/19 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	2.80	20.04	6.85	61	50	77	31	56	-1
Berea	2.11	18.05	5.02	--	--	81	34	56	0
Bowling Green	2.26	21.47	5.40	64	49	80	36	57	0
Bristol	3.16	21.63	8.95	--	--	84	33	56	0
Buckhorn Lake	0.83	18.65	4.55	--	--	80	34	57	1
Cape Girardeau	1.18	19.66	5.31	--	--	76	33	56	-4
Campbellsville	1.60	20.96	5.11	--	--	78	35	55	-2
Covington	2.29	19.90	7.76	--	--	77	37	55	-1
Cumberland Gap	2.61	30.27	14.03	--	--	70	31	48	-8
Dix Dam	1.40	17.07	3.40	--	--	76	35	55	-1
Evansville	1.79	22.56	9.26	--	--	80	33	55	-5
Glasgow	2.02	21.69	5.40	62	50	77	34	56	-1
Grayson	0.51	14.17	2.47	--	--	83	31	58	2
Hardinsburg	3.34	22.20	7.21	--	--	79	33	54	-3
Henderson	1.86	20.09	6.23	--	--	80	32	55	-5
Huntington	0.57	13.17	1.54	--	--	86	35	59	3
Jackson	0.51	18.04	3.94	--	--	82	36	58	2
Lexington	1.14	18.04	4.85	61	50	80	38	56	0
London	0.54	21.70	7.46	--	--	80	35	56	0
Louisville	3.11	20.64	6.86	--	--	80	38	58	1
Mayfield	1.78	28.39	11.07	--	--	78	32	56	-4
Nashville	1.66	25.50	10.18	--	--	81	35	58	1
Nolin Lake	1.53	22.76	7.57	--	--	80	33	58	1
Paducah	2.32	27.13	11.53	61	52	78	32	57	-3
Princeton	2.02	22.25	5.72	66	49	79	33	56	-4
Quicksand	0.62	17.55	3.45	--	--	81	32	56	0
Somerset	1.30	22.35	7.22	--	--	80	36	56	0
Spindletop	1.37	19.39	6.20	61	50	80	37	56	0
Williamstown	2.26	20.22	7.31	--	--	76	36	55	-1

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