



Crop Progress and Condition

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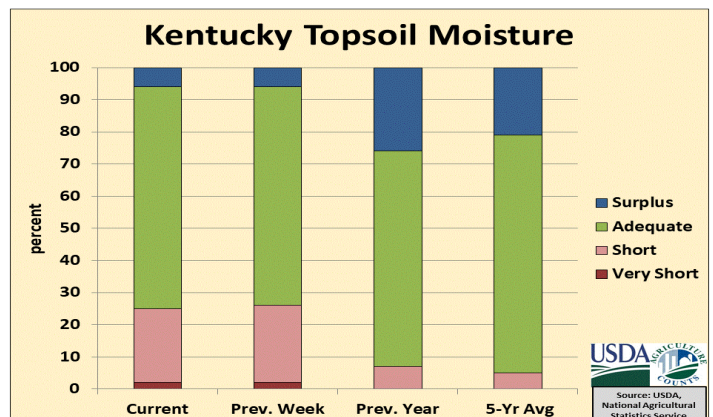
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.89 inches, 0.22 inches below normal. Temperatures averaged 67 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 2 percent very short, 23 percent short, 69 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 2 percent very short, 18 percent short, 74 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible seven.

Primary activities for this week included planting corn and soybeans, setting tobacco, and cutting hay. The week started with continued dry weather and high temperatures. This pattern gave way in the middle of the week as rain moved in. The weekend brought some unseasonably cold weather. Farmers forged ahead with planting and made strong progress thanks to conducive weather through most of the week. As corn planting nears completion, emergence is at 77 percent. The corn crop is rated mostly good at this time, however the presence of insects has been noted. The average height of corn is 7 inches. Soybean planting remains ahead of where it is historically at this juncture with 45 percent of the crop emerged. Like corn, the soybean crop is in mostly good condition. Tobacco setting is nearing the halfway point as strong progress was evident over the past week. It is of note that some crops were replanted due to previous flooding.

Wheat condition remains mostly good with 95 percent of the crop headed. The recent cold snap did threaten wheat, however widespread damage is not expected. Pasture condition is good and growth will pick up as temperatures normalize. The recent rain will help to promote strong pasture growth as well. As farmers continue to cut hay, the crop is in overall good condition. Hay supply is mostly adequate and should remain in good shape as pasture growth ramps up. Many fall calves have been marketed thus reducing the feed requirement.

SOIL MOISTURE for week ending 05/30/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	23	69	6
Subsoil	2	18	74	6



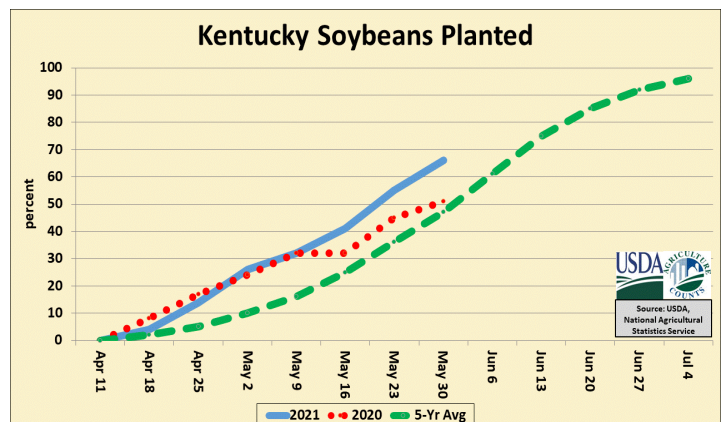
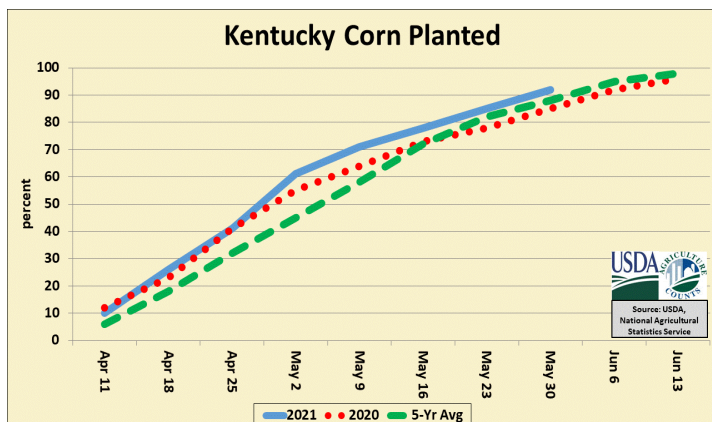
CROP PROGRESS for week ending 05/30/21

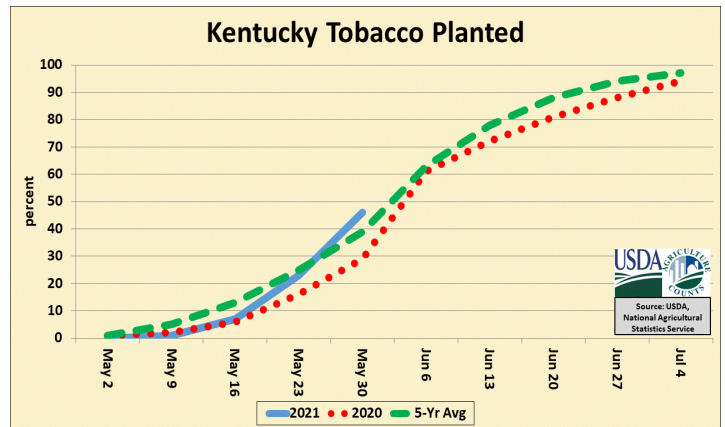
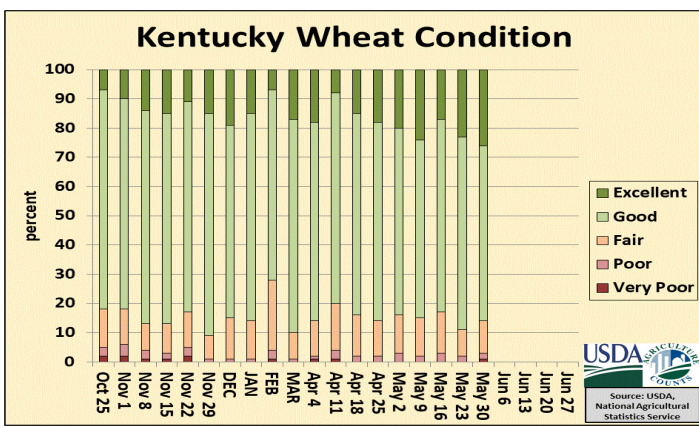
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	92	85	85	88
Corn Emerged	77	64	71	74
Soybeans Planted	66	55	51	47
Soybeans Emerged	45	32	38	30
Tobacco Set	46	23	29	39
Winter Wheat Headed	95	90	98	97

CROP CONDITIONS for week ending 05/30/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	11	74	12
Livestock	-	3	14	69	14
Pasture	1	3	18	63	15
Soybeans	1	1	17	69	12
Wheat	1	2	11	60	26

- Represents zero.





**Kentucky Climate Summary
For the Period May 24, 2021 to May 30, 2021**

Below Normal Temperatures and Rainfall:

Kentucky saw an extension to the dry and warm pattern to start the workweek. Highs on Monday and Tuesday jumped into the middle 80s to around 90, well above normal for this time of year. The dry pattern finally broke over the second half of the workweek with a couple rounds of showers and storms, one coming on Wednesday and the other on Friday. In addition to some light activity on Saturday, the state averaged 0.89 inches for the week, which is still slightly below normal for this time of year. Saying that, the rain was still a welcome sight after two straight weeks of well below normal rainfall. Through May 30th, the state is running about 1.25 inches below normal for the month of May. Behind the passage of a cold front on Friday, very chilly air for May standards filtered into the region. In fact, highs on Saturday struggled in the 50s with many locations setting all time record cool high temperatures for the day.

Temperatures for the period averaged 67 degrees across the state which was 1 degree cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 77 in the West to 75 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 59 degrees in the West to 58 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at PADUCAH ASOS and the extreme low was 38 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.89 inches statewide which was 0.22 inches below normal and 80% of normal. Precipitation totals by climate division, West 0.76 inches, Central 0.70 inches, Bluegrass 0.91 inches and East 1.20 inches, which was -0.34, -0.46, -0.17 and 0.08 inches respectively from normal. By station, precipitation totals ranged from a low of 0.11 inches at RUSSELLVILLE 2W to a high of 3.05 inches at TRIANGLE MOUNTAIN.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/30/21 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	1.02	21.61	2.93	73	61	86	43	68	-1
Berea	0.12	20.30	1.34	--	--	88	48	66	-2
Bowling Green	0.33	25.06	2.91	77	66	91	50	70	1
Bristol	1.10	23.88	6.44	--	--	85	52	68	0
Buckhorn Lake	0.75	19.38	0.18	--	--	87	48	67	-1
Cape Girardeau	0.90	20.52	-0.18	--	--	91	45	70	-1
Campbellsville	0.26	23.97	1.68	--	--	87	44	67	-2
Covington	0.73	17.94	0.53	--	--	88	43	67	-1
Dix Dam	0.48	20.66	1.13	--	--	89	42	67	-1
Evansville	0.95	18.58	-0.53	--	--	90	42	68	-3
Glasgow	0.52	28.97	6.41	73	59	88	48	67	-2
Grayson	2.22	20.17	3.26	--	--	89	49	67	-1
Hardinsburg	0.74	25.18	4.19	--	--	88	44	66	-3
Henderson	1.58	17.78	-1.76	--	--	90	44	67	-4
Huntington	1.07	18.97	2.14	--	--	89	48	68	0
Jackson	0.78	22.72	3.05	--	--	89	48	69	1
Lexington	2.38	21.52	2.84	69	61	88	44	67	-1
London	0.69	21.50	1.96	--	--	89	50	68	0
Louisville	0.99	21.42	1.90	--	--	90	46	70	1
Mayfield	0.88	24.30	0.62	--	--	91	46	69	-2
Nashville	1.24	20.43	-0.92	--	--	93	52	71	2
Nolin Lake	0.27	30.31	8.46	--	--	90	47	68	-1
Paducah	1.62	23.06	1.18	79	64	92	46	70	-1
Princeton	0.91	23.06	0.29	85	59	88	45	67	-4
Quicksand	0.68	20.87	1.20	--	--	88	50	67	-1
Somerset	0.64	22.82	1.47	--	--	88	49	67	-1
Spindletop	1.71	21.29	2.61	69	62	88	47	67	-1
Williamstown	0.73	19.27	0.84	--	--	86	41	65	-3

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