



Crop Progress and Condition

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In Cooperation with:

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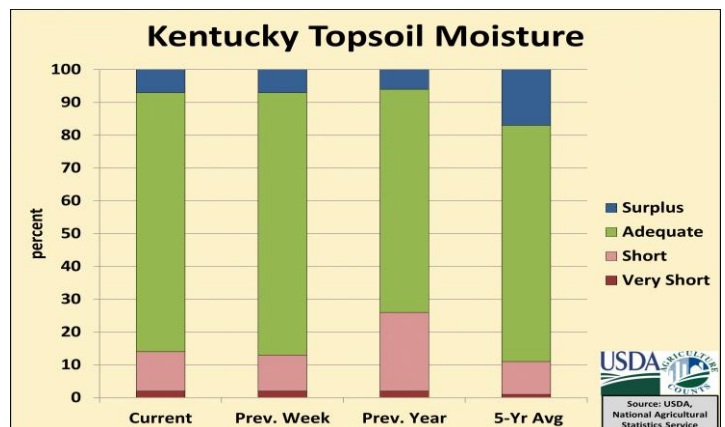
Agricultural News: Kentucky experienced above normal temperatures and slightly below normal rainfall over the past week. Precipitation for the week totaled 1.07 inches, 0.06 inches below normal. Temperatures averaged 71 degrees for the week, 6 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 12 percent short, 79 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 1 percent very short, 11 percent short, 81 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

Primary activities for this week included planting corn and soybeans, setting tobacco, and cutting hay. Farmers contended with unstable weather this past week as they forged ahead in the fields whenever possible. Despite some severe weather and rain, producers made strong progress. The rain was a positive in some instances as the ground was getting very hard. The heavy wind brought forth by a few storms caused farmers to halt spraying at times. Corn planting is on par with last year and the five year average as grain producers made up a lot of ground over the past two weeks. Fifty-four percent of the corn crop has now emerged. Soybean planting is slightly behind last year and ahead of the five year average at this time. Twenty-seven percent of the soybean crop has emerged. The recent rain should help emergence as the ground softens a bit. The amount of set tobacco showed a strong increase from the previous week and is ahead of both last year and the five year average. Tobacco transplant supplies are reported as 100 percent adequate.

Winter wheat condition has deteriorated slightly. Some areas of the state had a very hot, dry stretch that led to drought stress on the wheat crop during grain fill. Also, some freeze damage from earlier in the spring has now been identified. The wheat crop is 91 percent headed. Pastures remain in mostly good condition and have benefitted from rain as of late. A good deal of hay has been cut as weather has permitted. Although strawberry condition is reported as good overall, there were reports of hail damage to the crop from recent storms.

SOIL MOISTURE for week ending 05/22/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	12	79	7
Subsoil	1	11	81	7



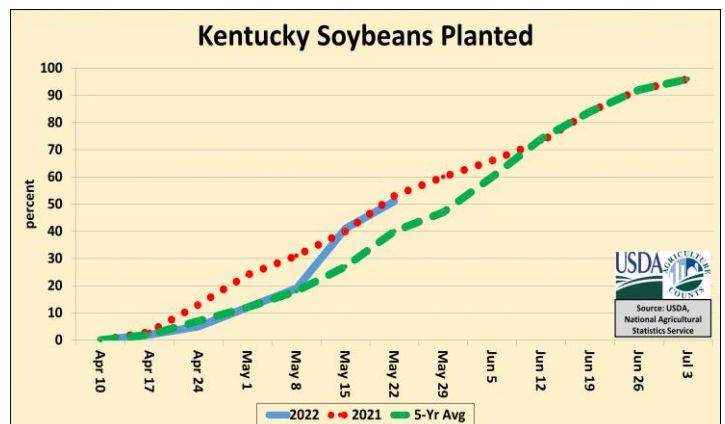
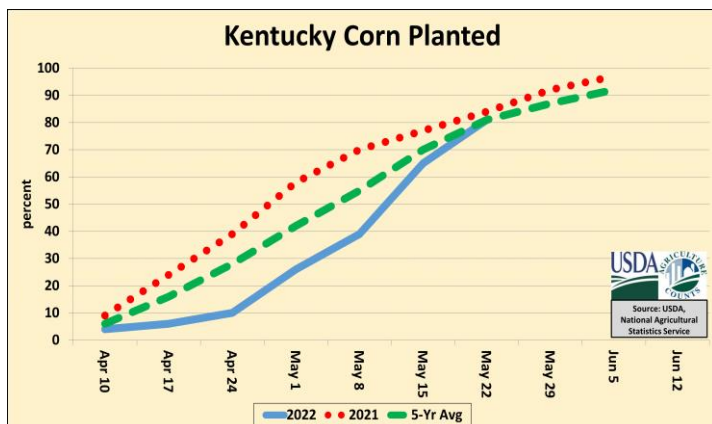
CROP PROGRESS for week ending 05/22/22

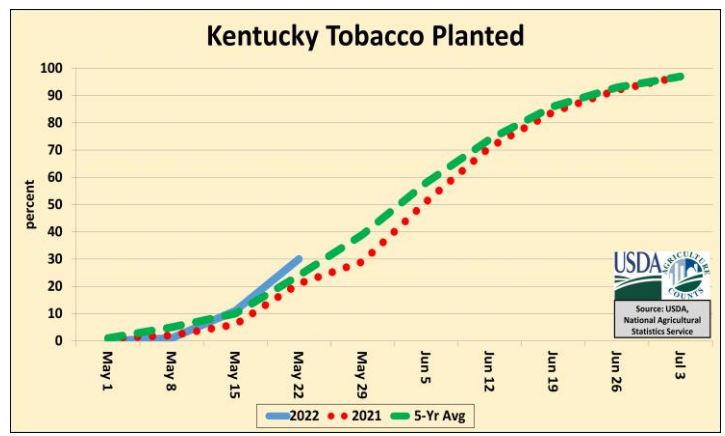
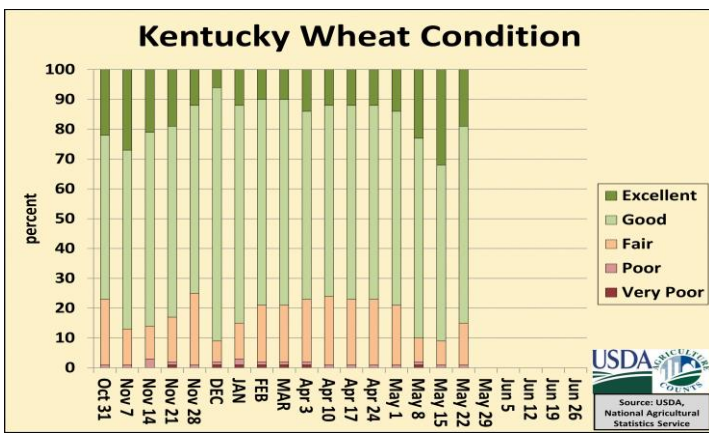
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	81	65	84	81
Corn Emerged	54	32	63	60
Soybeans Planted	51	41	53	40
Soybeans Emerged	27	17	30	21
Tobacco Set	30	11	21	24
Winter Wheat Headed	91	77	89	92

CROP CONDITIONS for week ending 05/22/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	1	16	68	14
Pasture	-	2	19	64	15
Strawberries	1	2	17	69	11
Wheat	-	1	14	66	19

- Represents zero.





Kentucky Climate Summary
For the Period May 16, 2022 to May 22, 2022

Above Normal Temperatures and Slightly Below Normal Rainfall:

The first couple days of the week ran mostly dry across the area, but was quickly replaced with an active pattern from there on out. In fact, a very unstable air mass led to numerous instances of strong to severe storms on Wednesday, Thursday, and Saturday. While heavy rainfall and frequent lightning was common, some saw damaging winds and large hail. Overall, the state averaged 1.07 inches, but the range was large. Some saw in excess of two to three inches, while others dodged most of the storms and closed the week under a half inch, which was the case across portions of Eastern and South-Central Kentucky.

Temperatures for the period averaged 71 degrees across the state which was 6 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 80 in the West to 81 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 60 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at BIG SANDY and the extreme low was 45 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 1.07 inches statewide which was 0.06 inches below normal and 94% of normal. Precipitation totals by climate division, West 1.41 inches, Central 0.64 inches, Bluegrass 1.42 inches and East 0.80 inches, which was 0.28, -0.55, 0.34 and -0.33 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at WHITLEY CITY 3N to a high of 4.10 inches at CINCINNATI.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/22/22 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	2.06	22.57	5.05	75	63	85	52	70	3
Berea	0.94	20.04	2.32	--	--	87	49	69	3
Bowling Green	0.23	21.63	0.75	86	67	91	54	75	8
Bristol	0.95	19.24	2.80	--	--	91	47	71	5
Buckhorn Lake	0.37	20.60	2.46	--	--	87	53	71	5
Cape Girardeau	1.85	26.97	7.61	--	--	91	53	73	4
Campbellsville	0.38	19.63	-1.32	--	--	87	48	71	4
Covington	4.10	22.29	5.98	--	--	86	52	70	4
Dix Dam	1.65	22.58	4.28	--	--	86	55	72	6
Evansville	0.81	21.59	3.71	--	--	90	54	72	3
Glasgow	0.29	25.70	4.45	76	65	86	51	72	5
Grayson	0.54	19.27	3.46	--	--	90	48	71	5
Hardinsburg	0.82	23.58	3.84	--	--	88	51	71	4
Henderson	0.86	20.47	2.10	--	--	90	53	72	3
Huntington	0.38	15.32	-0.41	--	--	90	53	71	5
Jackson	0.94	23.68	5.17	--	--	88	54	72	6
Lexington	1.05	23.20	5.68	72	65	88	54	72	6
London	2.13	23.67	5.23	--	--	87	49	71	5
Louisville	0.97	18.40	0.07	--	--	91	61	74	7
Mayfield	2.06	28.64	6.25	--	--	90	54	73	4
Nashville	0.00	22.04	1.95	--	--	94	55	75	8
Nolin Lake	0.31	17.92	-2.52	--	--	88	51	72	5
Paducah	2.54	27.99	7.38	79	68	90	55	73	4
Quicksand	1.45	24.75	6.24	--	--	89	48	70	4
Somerset	1.05	24.55	4.51	--	--	87	48	70	4
Williamstown	2.32	19.67	2.38	--	--	85	54	68	2

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