



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: May 16, 2022

Issue: 11-22

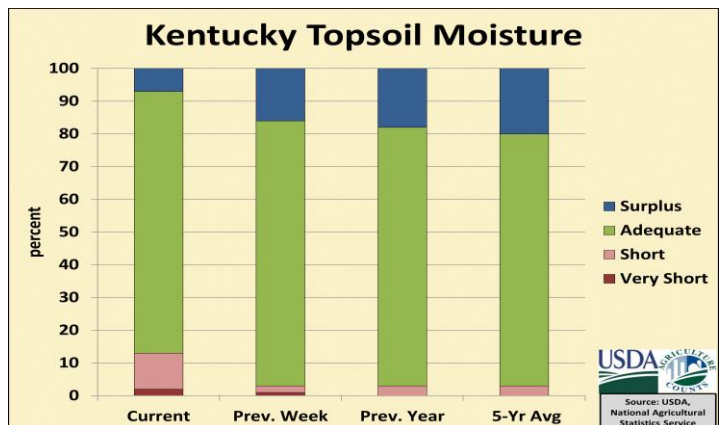
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.45 inches, 0.66 inches below normal. Temperatures averaged 70 degrees for the week, 7 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 11 percent short, 80 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 1 percent very short, 8 percent short, 83 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven.

Primary activities for this week included planting corn and soybeans, setting tobacco, and cutting hay. With dry conditions this week, farmers made strong planting progress. The excessively wet spring stymied fieldwork for much of the season thus far, however with conducive weather, farmers are catching up. Even with drier weather, soil moisture remains good for planting. Grain producers put in long days and late nights to get progress back on track. There were a few reports of some producers actually completing their planting. With the strong push this past week, corn planting is inching closer to last year and the five year average with 32 percent of the crop emerged. Soybean planting is now ahead of both last year and the five year average for this point in the season. Seventeen percent of the soybean crop has emerged. Tobacco setting is now full tilt and will proceed expeditiously as weather permits. The average height of tobacco transplants are reported as 10 percent less than 2 inches, 30 percent 2-4 inches, and 60 percent greater than 4 inches. Tobacco transplant supplies are 99 percent adequate with only 1 percent short.

Winter wheat condition remains mostly good with some slight freeze damage from earlier in the spring being observed. The wheat crop is 77 percent headed. Pastures are in mostly good condition and should improve with recent warm temperatures. There was some rain by the weekend that will help ground that was beginning to get dry. With that said, a small amount of early drought stress was reported in a few areas of the state. There was a significant amount of hay cut over the week. Yields appear to be scattered as some were reported as very good and others reported as modest. Lower yields were attributed to cool spring weather.

SOIL MOISTURE for week ending 05/15/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	11	80	7
Subsoil	1	8	83	8



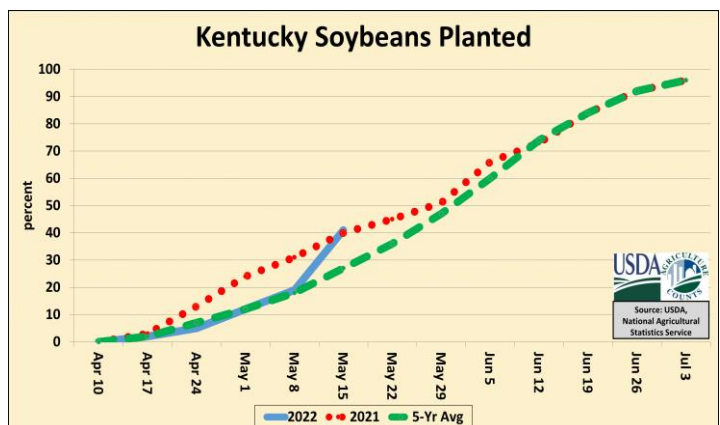
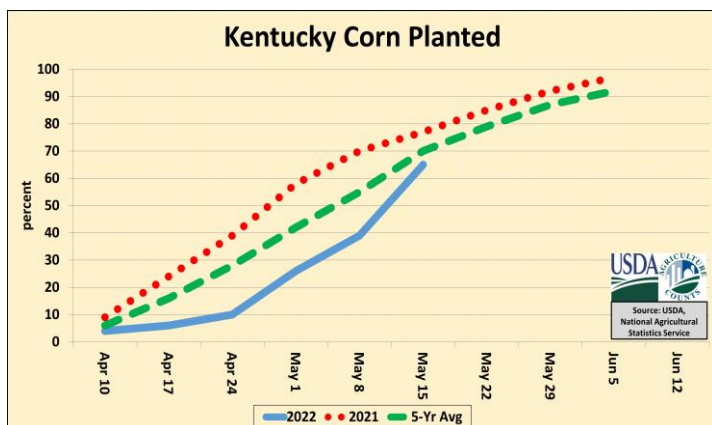
CROP PROGRESS for week ending 05/15/22

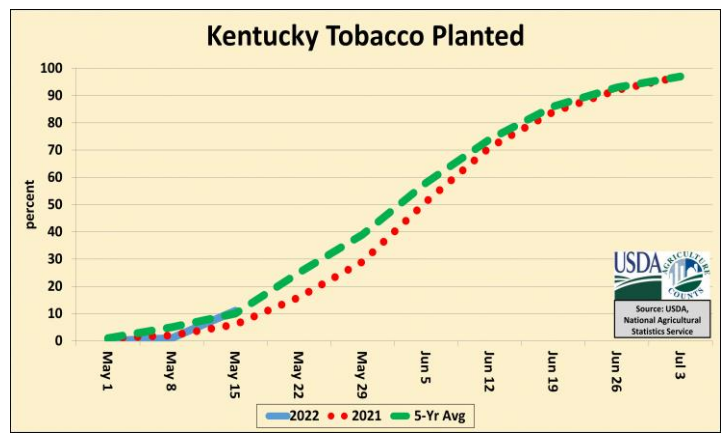
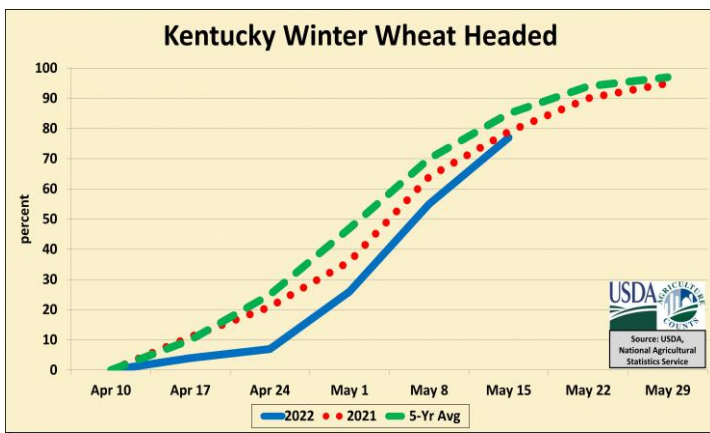
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	65	39	77	70
Corn Emerged	32	14	55	47
Soybeans Planted	41	19	40	27
Soybeans Emerged	17	2	20	12
Tobacco Set	11	1	6	10
Winter Wheat Headed	77	55	79	85

CROP CONDITIONS for week ending 05/15/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	-	3	25	61	11
Wheat	-	1	8	59	32

- Represents zero.





**Kentucky Climate Summary
For the Period May 9, 2022 to May 15, 2022**

Above Normal Temperatures and Below Normal Rainfall:

Following what has been a very slow progressing planting season, the Bluegrass State saw a much-welcomed dry and very warm workweek. In fact, Kentucky received an early taste of summer with highs jumping well into the 80s and some even hitting 90 for the first time this year. Normal highs for mid-May run in the mid to upper 70s. Showers and storms held off until the weekend. Coverage was scattered and slow moving in nature across the entirety of the area. In doing so, some locations saw more than an inch, while others didn't see much of anything.

Temperatures for the period averaged 70 degrees across the state which was 7 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 83 in the West to 82 in the East. Departure from normal high temperatures ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 61 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at HICKMAN 2E and the extreme low was 41 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.45 inches statewide which was 0.66 inches below normal and 41% of normal. Precipitation totals by climate division, West 0.69 inches, Central 0.50 inches, Bluegrass 0.30 inches and East 0.31 inches, which was 0.48, 0.67, 0.74 and 0.75 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ELIZABETHTOWN 8W to a high of 2.36 inches at GLASGOW 11W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/15/22 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	0.00	20.51	4.00	82	66	86	51	71	6
Berea	0.10	19.10	2.46	--	--	84	48	68	4
Bowling Green	0.59	21.40	1.64	86	64	90	54	74	9
Bristol	0.03	18.29	2.73	--	--	89	43	67	3
Buckhorn Lake	1.28	20.23	3.02	--	--	83	47	66	2
Cape Girardeau	0.06	25.12	6.93	--	--	93	61	78	11
Campbellsville	0.33	19.25	-0.53	--	--	85	51	70	5
Covington	0.85	18.19	2.85	--	--	87	53	72	8
Dix Dam	0.14	20.93	3.70	--	--	84	50	69	5
Evansville	0.64	20.78	3.97	--	--	91	56	75	8
Glasgow	2.35	25.41	5.30	74	62	86	53	71	6
Grayson	0.03	18.73	3.88	--	--	83	44	67	3
Hardinsburg	0.21	22.76	4.12	--	--	89	55	73	8
Henderson	0.26	19.61	2.27	--	--	90	58	75	8
Huntington	0.00	14.94	0.17	--	--	84	48	67	3
Jackson	0.22	22.74	5.24	--	--	85	49	70	6
Lexington	0.01	22.15	5.64	70	62	87	53	71	7
London	0.00	21.54	4.06	--	--	86	48	68	4
Louisville	0.10	17.43	0.14	--	--	90	55	75	10
Mayfield	0.41	26.58	5.33	--	--	91	61	76	9
Nashville	0.01	22.04	3.05	--	--	91	55	75	10
Nolin Lake	0.00	17.61	-1.59	--	--	85	51	68	3
Paducah	0.53	25.45	5.96	84	66	92	61	78	11
Quicksand	0.09	23.30	5.80	--	--	86	44	66	2
Somerset	0.94	23.50	4.61	--	--	84	46	67	3
Williamstown	0.11	17.35	1.06	--	--	85	50	70	6

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