



# Crop Progress and Condition

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**In Cooperation with:**

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

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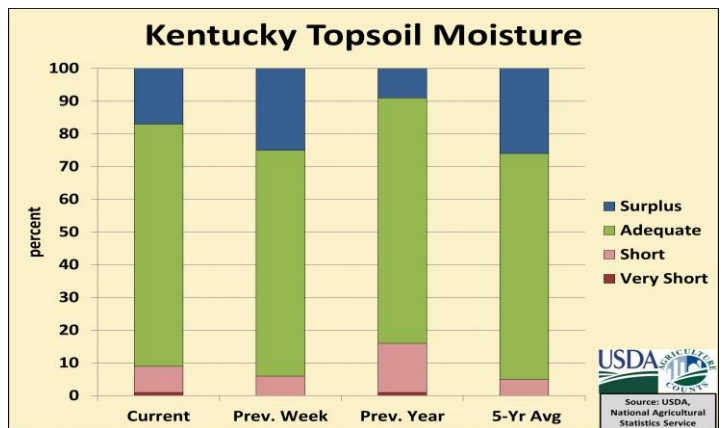
**Agricultural News:** Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.65 inches, 0.51 inches below normal. Temperatures averaged 64 degrees for the week, 7 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 8 percent short, 74 percent adequate, and 17 percent surplus. **Subsoil moisture** was rated 1 percent very short, 11 percent short, 75 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 4.9 out of a possible seven.

Primary activities for this week included seeding tobacco transplants along with planting corn and soybeans. Although there were multiple rain events throughout the week, there was minimal accumulation for most of the state. Temperatures were abnormally high through most of the week, but gave way to a steep drop as the weekend arrived. Steady planting progress was made this week for both corn and soybeans keeping both crops on pace with previous years. Planted corn emerged is at 8 percent. Eighty-one percent of tobacco transplants have now been seeded and condition remains mostly good. The average height of transplants is rated as 66 percent less than two inches, 27 percent two to four inches, and 7 percent larger than 4 inches. Winter wheat condition remains mostly good with 20 percent of the crop headed. The average height of winter wheat is 20 inches. Freeze damage to apples is rated as 1 percent severe, 2 percent moderate, 21 percent light, and 76 percent with none. Peaches freeze damage is rated as 3 percent severe, 6 percent moderate, 18 percent light, and 73 percent with none.

Pasture condition has improved slightly with warm temperatures prevalent this past week. Grazing ground will flourish more as temperatures stabilize. The average height of alfalfa is 11 inches.

**SOIL MOISTURE for week ending 04/21/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	8	74	17
Subsoil	1	11	75	13



**CROP PROGRESS for week ending 04/21/24**

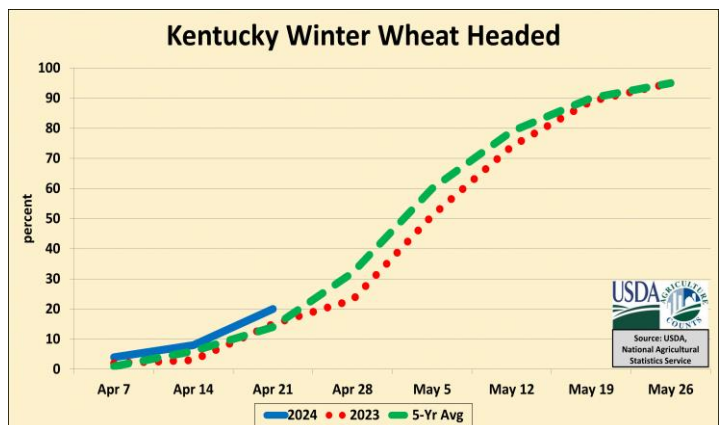
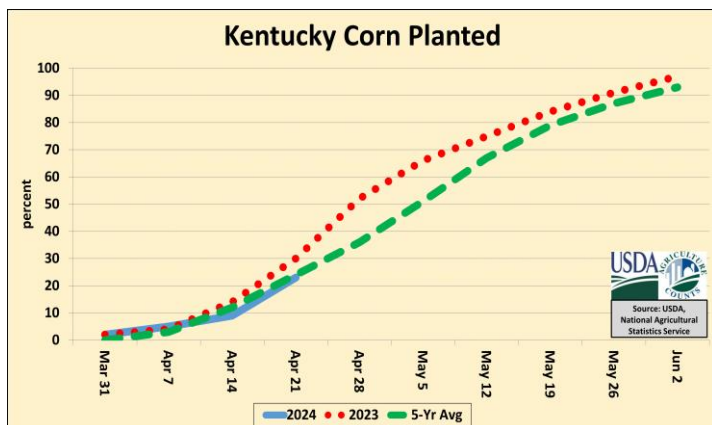
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	23	9	30	24
Corn Emerged	8	-1	9	5
Soybeans Planted	13	8	16	8
Tobacco Transplants Seeded	81	60	83	79
Winter Wheat Headed	20	8	15	14

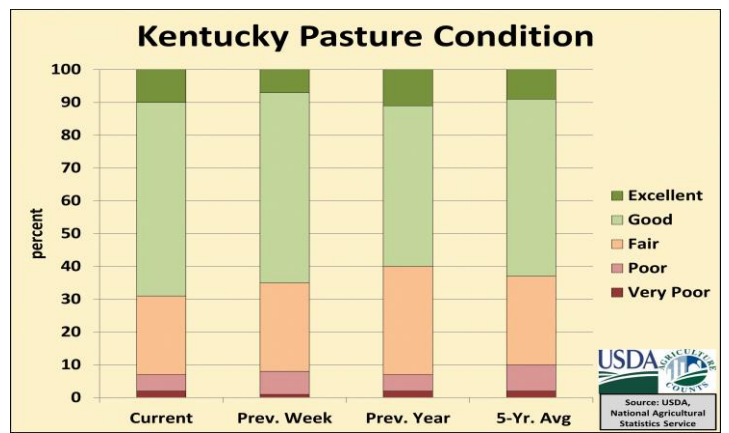
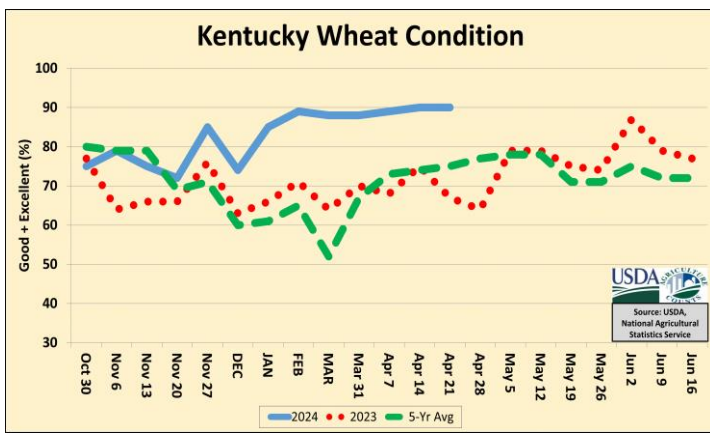
-1 Represents not available.

**CROP CONDITIONS for week ending 04/21/24**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	5	24	59	10
Tobacco Transplants	-	1	13	80	6
Wheat	-	2	8	65	25

- Represents zero.





**Kentucky Climate Summary**  
**For the Period April 15, 2024 to April 21, 2024**

Well Above Normal Temperatures and Below Normal Rainfall:

Kentucky saw multiple rounds of rainfall throughout the workweek, but unlike the previous period, significant accumulations were not as widespread. While a good portion of the Green River Region and North Central Kentucky saw 1+ inches, many across the southern tier of Kentucky and the northeast struggled to reach half an inch. Some even a quarter inch. During this period, temperatures ran well above normal, with highs consistently reaching into the 80s. Normal highs for this time of year average in the upper 60s to low 70s. However, in typical spring fashion, a cold front introduced a much cooler air mass to the area over the weekend. Northwest winds led to highs only reaching the mid-50s to mid-60s. Low temperatures even dipped to the upper 30s to mid-40s on Sunday morning.

Temperatures for the period averaged 64 degrees across the state which was 7 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 74 in the West to 74 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 56 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 13 degrees warmer than normal in the East. The extreme high temperature for the period was 89 degrees at LOUISA 1S and the extreme low was 35 degrees at BURLINGTON 4S.

Precipitation (liq. equ.) for the period totaled 0.65 inches statewide which was 0.51 inches below normal and 56% of normal. Precipitation totals by climate division, West 0.91 inches, Central 0.80 inches, Bluegrass 0.59 inches and East 0.28 inches, which was 0.37, 0.39, 0.51 and 0.78 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at YELLOW CREEK to a high of 2.23 inches at LA GRANGE 6NW.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 04/21/24 7 P.M.^**

County	Weather Station	Rainfall			Deviation From		Air Temperatures				2" Weekly Soil Temps		
		Last Week	Since Jan 1	Last Four Wks.	Norm. Since Jan 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.*	Hi	Lo	Avg
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>													
Caldwell	Princeton(M)	0.19	12.12	3.27	-3.96	-1.23	83	39	63	3			
Christian	Hopkinsville(M)	0.18	12.83	3.10	-2.80	-1.29	86	41	64	5	76	60	68
Daviess	Owensboro(AP)	1.46	11.78	4.32	-2.36	0.00	86	41	65	6			
Fulton	Hickman(M)	0.78	15.51	3.69	-0.53	-0.77	83	41	64	4			
Marshall	Benton(M)	0.23	11.87	3.07	-7.06	-1.89	84	39	64	4	71	60	66
McCracken	Paducah(AP)	0.28	14.49	3.33	-1.55	-1.13	85	44	66	6			
McLean	Calhoun(M)	1.66	14.46	5.50	-2.32	0.81	84	38	62	1	80	50	65
Todd	Elkton(M)	0.17	13.47	3.99	-2.16	-0.40	84	37	63	4			
Union	Morganfield(M)	1.84	12.15	3.66	-1.99	-0.66	87	41	64	5			
<b>Central KY</b>													
Barren	Glasgow(M)	0.15	14.36	3.52	-1.90	-0.80	83	42	64	6			
Breckinridge	Hardinsburg(M)	1.43	16.25	5.25	0.68	0.72	85	38	62	5	74	56	66
Clinton	Albany(M)	0.59	18.03	4.19	-0.96	-0.48	85	38	64	8	78	57	66
Hardin	Elizabethtown(M)	1.07	16.27	4.26	0.70	-0.27	84	40	62	5	68	57	62
Hart	Munfordville(M)	1.04	16.60	4.36	-0.10	0.03	83	42	64	2	69	58	64
Jefferson	Louisville(AP)	1.09	14.29	4.40	-0.45	0.19	88	42	67	7			
Taylor	Campbellsville(M)	1.16	18.15	5.34	2.37	1.15	84	42	63	5			
Warren	Bowling_Green(AP)	0.16	14.07	3.48	-1.56	-0.75	86	45	67	7			
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.47	14.30	4.38	0.47	0.35	85	36	62	6			
Boyle	Danville(M)	0.38	18.07	5.85	2.99	1.71	83	36	63	5	81	52	66
Fayette	Lexington(AP)	0.24	17.86	4.47	3.20	0.53	83	41	64	7			
Franklin	Frankfort(M)	0.58	16.76	4.95	2.15	0.78	84	39	62	4	67	56	62
Madison	Richmond(M)	0.49	16.66	5.01	1.58	0.87	83	39	62	4			
Mason	Maysville(M)	0.22	14.96	4.93	-0.12	0.69	82	35	60	5	65	55	61
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.31	16.34	3.31	0.36	-0.83	86	42	66	7			
Harlan	Harlan(M)	0.33	18.44	4.54	2.50	0.43	74	34	56	0	68	52	59
Lawrence	Louisa(M)	0.05	15.30	4.39	1.61	0.91	89	37	64	8			
Pike	Pikeville(M)	0.24	13.88	3.71	0.19	0.23	82	37	61	5			
Pulaski	Somerset(M)	0.54	16.38	4.47	1.30	0.33	83	33	62	4			
Rowan	Morehead(M)	0.15	17.31	5.69	2.31	1.55	86	37	61	5			

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, the University of Kentucky Agricultural Weather Center: (859) 218-4363.

^ : Data Courtesy: (M) - Kentucky Mesonet Station: <http://www.kymesonet.org/>

(AP) - Airport, Federal Aviation Administration Surface Weather Observation Station (ASOS/AWOS)

\* : Deviations based on closest available station with climate normals: [http://weather.uky.edu/climate\\_normals.php](http://weather.uky.edu/climate_normals.php)