



# 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

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**Agricultural News:** Kentucky experienced above normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.57 inches, 1.57 inches above normal. Temperatures averaged 72 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 1 percent short, 50 percent adequate and 49 percent surplus. **Subsoil moisture** was rated 1 percent short, 59 percent adequate, and 40 percent surplus. Days suitable for fieldwork averaged 3.0 out of a possible seven.

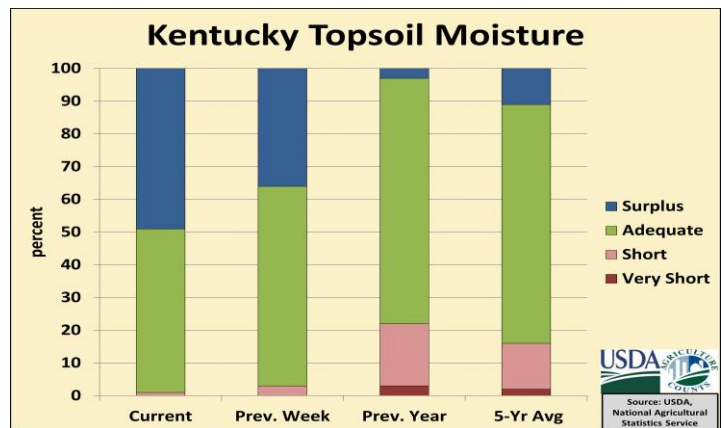
Primary activities this week included planting of corn, soybeans and tobacco when conditions were dry enough. In some instances, producers have had to re-plant crops that have suffered from the excessive amount of rainfall that has impacted most of the state. As a result, corn and soybeans planting progress continues to lag behind the previous year. Corn is at 73% planted, compared to 89% this time last year. Soybeans are trailing a similar path, with 56% planted compared to 69% last year. The average height of emerged corn was reported at 8 inches. Nearly all of the wheat crop has headed at this point, with 97% having headed across the state. Relatively mild temperatures have kept the winter wheat condition stable, with 78% of the crop rated as good or excellent, down only 2% from last week.

The first cuttings of hay continue to be delayed due to the lack of dry conditions. If dry weather does not allow for cutting soon, quality concerns may arise as the first cutting may over-mature. Pasture is reported as 1% very poor condition, 1% poor, 13% fair, 71% good, and 14% excellent this week. Livestock were rated similarly, with 1% very poor, 2% poor, 13% fair, 69% good, and 15% excellent. Of the small amount of hay that was able to be cut, 1% is reported very poor, 3% poor, 13% fair, 70% good, and 13% excellent. Current hay supplies are 6% very short, 13% short, 74% adequate, and 7% surplus.

**SOIL MOISTURE for week ending 05/26/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	50	49
Subsoil	-	1	59	40

- Represents zero.

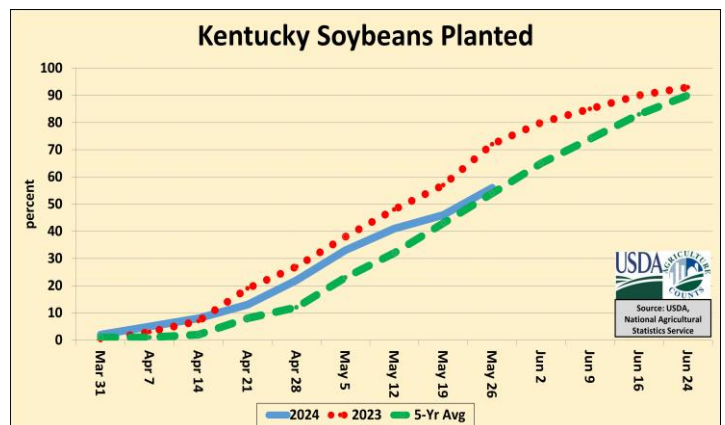
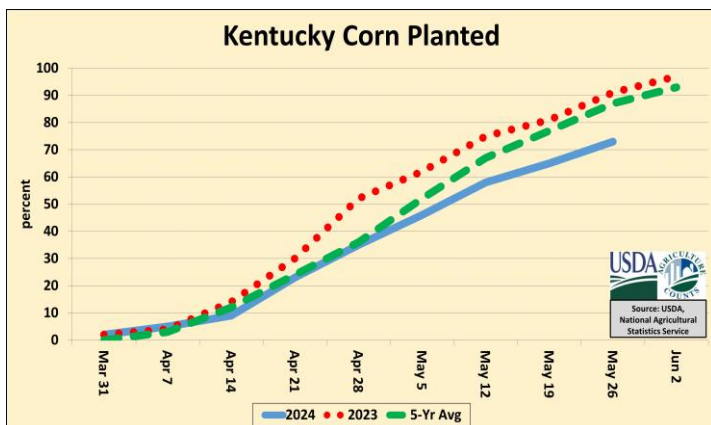


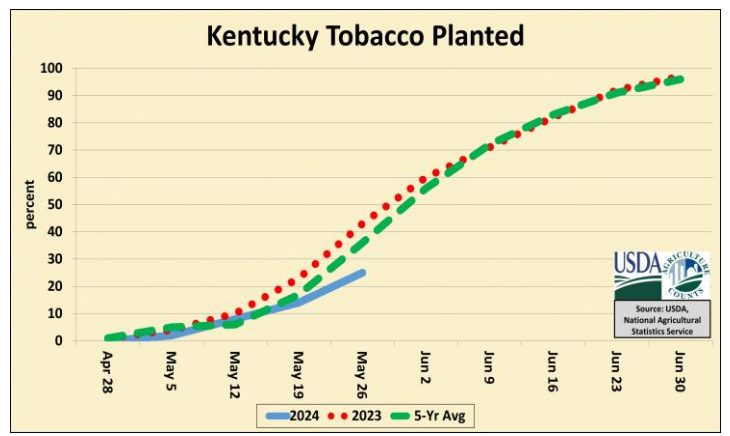
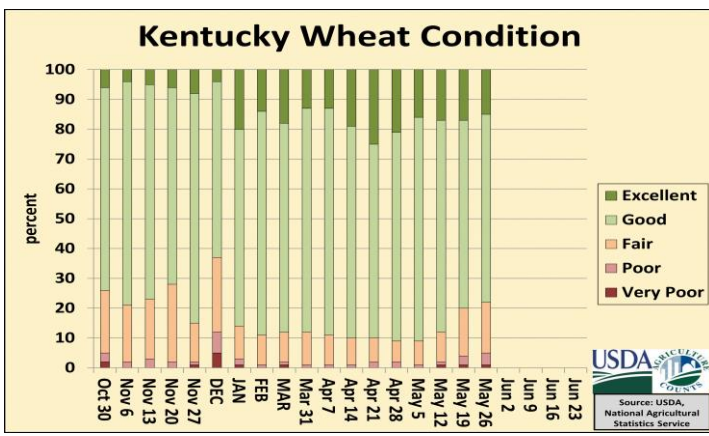
**CROP PROGRESS for week ending 05/26/24**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	73	65	89	85
Corn Emerged	58	49	73	67
Soybeans Planted	56	46	69	54
Soybeans Emerged	41	31	47	34
Tobacco Set	25	14	41	34
Winter Wheat Headed	97	95	94	94

**CROP CONDITIONS for week ending 05/26/24**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	21	64	8
Hay	1	3	13	70	13
Livestock	1	2	13	69	15
Pasture	1	1	13	71	14
Wheat	1	4	17	63	15





**Kentucky Climate Summary**  
**For the Period May 20, 2024 to May 26, 2024**

Above Normal Temperatures and Much Above Normal Rainfall:

Kentucky can't seem to get a break from the rainfall and severe weather in 2024. The state averaged 2.57 inches of rain, marking the fourth straight week of above-normal rainfall. After a couple of dry days to start the period, the Bluegrass State saw nearly daily rounds of showers and storms. A very moist atmosphere produced bouts of torrential rainfall, eventually leading to localized flooding after repeated storm activity. High instability combined with plenty of wind energy to fuel severe storms at times. The most notable storms occurred on Sunday, coming in two rounds. Both packed a punch in terms of damaging winds, but the latter also produced several tornadoes. National Weather Service tornado surveys are still ongoing, but a preliminary rating of EF-3 has been given to the Western KY tornado that was on the ground for nearly 36 miles through portions of Lyon, Caldwell, and Hopkins Counties. Peak winds were estimated at 165 mph.

Looking more at the precipitation aspect, some of the rain Sunday evening fell after the data cutoff and will be reflected in next week's report. Preliminary data from the UK Ag Weather Center shows the state has now averaged 7.58 inches of rain for the month of May. That average rises to 9.84 inches and 9.00 inches for Western and Central Kentucky, respectively.

Temperatures for the period averaged 72 degrees across the state which was 5 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 82 in the West to 81 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 6 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 MAYFIELD 6SW and the extreme low was 53 degrees at OWINGSVILLE 4S.

Precipitation (liq. equ.) for the period totaled 2.57 inches statewide which was 1.5 inches above normal and 240% of normal. Precipitation totals by climate division, West 3.04 inches, Central 3.52 inches, Bluegrass 1.25 inches and East 2.45 inches, which was 1.99, 2.4, 0.19 and 1.4 inches above normal. By station, precipitation totals ranged from a low of 0.42 inches at CYNTHIANA 8N to a high of 5.53 inches at SOMERSET.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 05/26/24 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	Degree s F	Degree s F	Degree s F	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>													
Caldwell	Princeton(M)	3.17	21.79	9.52	-0.01	5.11	86	61	73	4			
Christian	Hopkinsville(M)	3.28	23.04	10.06	1.30	5.16	86	62	72	3	80	70	75
Daviess	Owensboro(AP)	2.37	18.87	7.02	-1.06	2.52	89	62	74	5			
Fulton	Hickman(M)	5.10	25.93	9.81	4.03	5.30	88	62	74	4			
Marshall	Benton(M)	3.36	23.26	11.21	-2.27	6.01	86	63	73	3	80	70	74
McCracken	Paducah(AP)	2.33	23.31	8.56	1.41	4.05	89	64	76	6			
McLean	Calhoun(M)	5.26	26.41	11.83	3.72	7.17	86	61	72	1	87	66	76
Todd	Elkton(M)	4.69	12.86	12.86	4.80	7.96	86	59	71	2			
Union	Morganfield(M)	3.77	24.23	11.98	4.30	7.48	88	62	72	3			
<b>Central KY</b>													
Barren	Glasgow(M)	4.38	25.40	10.99	2.96	6.07	87	60	71	3			
Breckinridge	Hardinsburg(M)	2.61	24.33	8.05	1.84	2.52	86	61	71	3	82	70	75
Clinton	Albany(M)	5.03	30.34	12.03	5.09	7.10	85	56	70	4	84	66	73
Hardin	Elizabethtown(M)	2.68	23.68	7.37	1.19	1.84	88	58	71	3	76	68	72
Hart	Munfordville(M)	3.27	24.75	8.00	2.05	3.27	86	59	70	0	74	66	70
Jefferson	Louisville(AP)	1.88	20.81	6.33	0.02	1.52	90	62	76	6			
Taylor	Campbellsville(M)	3.26	28.16	9.90	6.14	4.88	85	56	70	2			
Warren	Bowling_Green(AP)	2.77	23.05	8.79	1.56	4.17	89	61	74	4			
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.99	19.96	5.62	0.73	1.36	86	59	73	7			
Boyle	Danville(M)	2.42	23.78	5.68	2.80	1.00	85	56	70	3	89	67	76
Fayette	Lexington(AP)	0.80	23.80	5.88	3.13	1.00	87	60	73	6			
Franklin	Frankfort(M)	1.62	22.49	5.60	2.05	0.91	85	57	71	4	77	69	73
Madison	Richmond(M)	1.71	21.00	4.32	0.02	-0.36	87	54	71	4			
Mason	Maysville(M)	0.93	20.49	5.44	-0.32	0.88	86	58	71	6	76	66	71
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	1.53	21.21	4.85	-0.57	0.17	87	61	73	6			
Harlan	Harlan(M)	1.58	23.24	4.67	1.65	0.07	87	55	65	-1	73	61	38
Lawrence	Louisa(M)	0.64	20.09	4.76	1.47	0.79	88	55	71	6			
Pike	Pikeville(M)	1.56	19.61	5.59	0.99	1.62	80	58	67	2			
Pulaski	Somerset(M)	4.02	25.60	9.16	4.62	4.48	85	52	69	2			
Rowan	Morehead(M)	0.89	24.22	6.86	3.29	2.14	86	54	70	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.kyimesonet.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)