



Crop Progress and Condition

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U.S. Dept. of Commerce - NOAA
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Cooperative Extension Service

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Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.21 inches, 0.13 inches above normal. Temperatures averaged 67 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 1 percent short, 57 percent adequate, and 42 percent surplus. **Subsoil moisture** was rated 1 percent very short, 1 percent short, 64 percent adequate, and 34 percent surplus. Days suitable for fieldwork averaged 3.6 out of a possible seven.

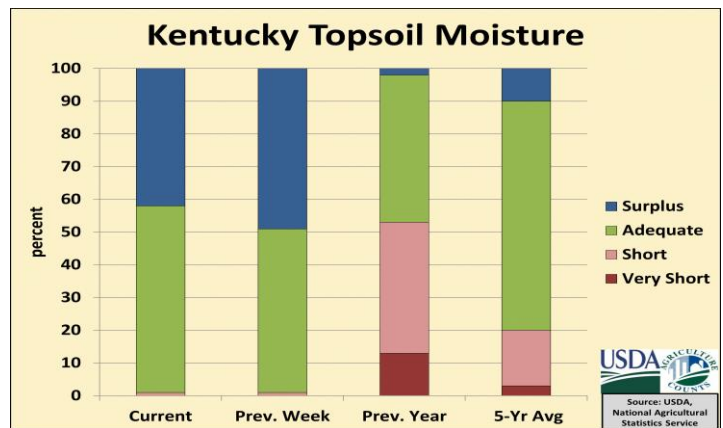
Primary activities for this week included planting corn, soybeans, and tobacco when weather would allow. Farmers welcomed some dry weather this week as May was a predominantly wet month. Unstable weather returned with the weekend. Fieldwork has been disrupted through much of the month pushing planting behind when compared historically. There has been severe weather recently in parts of the state causing damage to barns and fencing as well as leaving debris in fields. In these areas, cleanup was conducted for much of this past week. Replanting will be necessary in some flooded out fields and there may be a shift from corn to soybeans for some due to the abbreviated season. Sixty-six percent of planted corn has emerged while 49 percent of soybeans have reached that stage. The average height of corn is 14 inches at this juncture. Tobacco setting, at 36 percent, is well behind both last year and the five year average. Both corn and tobacco are rated as mostly good condition despite recent weather setbacks. Winter wheat coloring is at 65 percent as the crop remains in mostly good condition.

Overall, pasture condition has improved some with better than adequate rain. There are exceptions where too much rain has resulted in damage from mud and livestock traffic. The first hay cutting is now 47 percent complete. Hay cutting has been stymied by continued precipitation through the past month.

SOIL MOISTURE for week ending 06/02/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	57	42
Subsoil	1	1	64	34

- Represents zero.



CROP PROGRESS for week ending 06/02/24

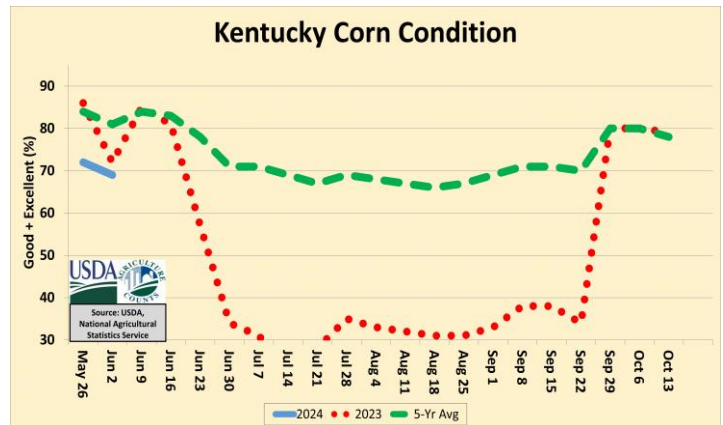
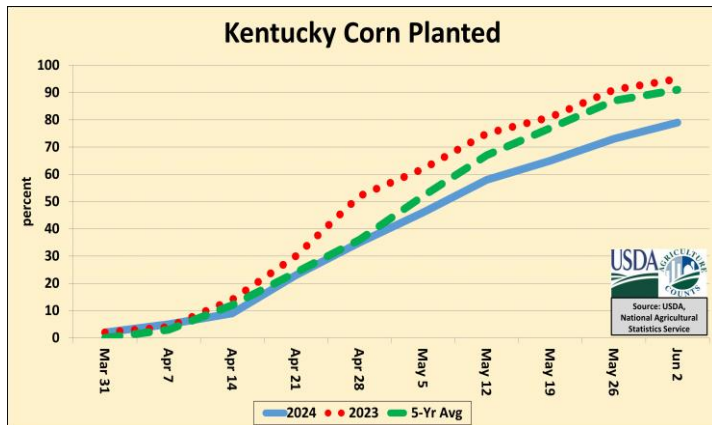
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	79	73	95	91
Corn Emerged	66	58	83	77
Soybeans Planted	63	56	78	64
Soybeans Emerged	49	41	61	46
Tobacco Set	36	25	59	51
Winter Wheat Coloring	65	-1	-1	-1

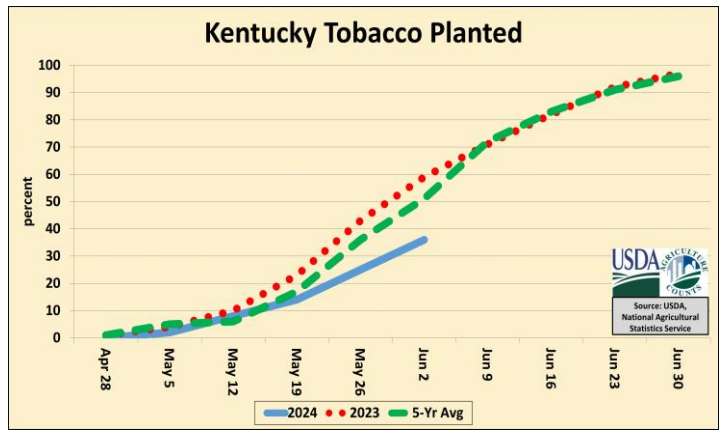
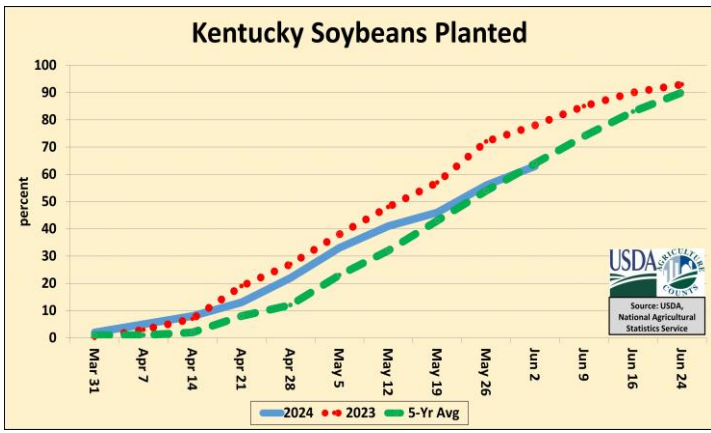
- Represents not available.

CROP CONDITIONS for week ending 06/02/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	6	23	60	9
Pasture	-	1	14	66	19
Tobacco Set	-	1	27	69	3
Wheat	1	4	14	67	14

- Represents zero.





Kentucky Climate Summary
For the Period May 27, 2024 to June 2, 2024

Below Normal Temperatures and Above Normal Rainfall:

Preliminarily speaking, after averaging well over 7 inches of rain, May 2024 will likely land somewhere close to or in the top-10 of wettest Mays ever recorded in Kentucky history (data going back to 1895). The agriculture community needed a significant stretch of dry weather and that's what the state saw this past workweek. It wasn't until the weekend when the state entered into another active pattern with some widespread light rain on Saturday, followed by isolated to scattered activity on Sunday. Over this 2-day period, totals varied significantly across the state, averaging 0.92 inches for Western KY and 0.38 for Eastern. Overall, weekly totals in the table below will also take into account rain that fell after the data cutoff last Sunday evening (May 26th). Temperatures ran below normal for a good portion of the week with northerly winds in place and active weather over the weekend. Some even slipped into the 40s on Wednesday and Thursday nights.

Temperatures for the period averaged 67 degrees across the state which was 2 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 79 in the West to 76 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 60 degrees in the West to 55 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 2 degrees cooler than normal in the East. The extreme high temperature for the period was 87 degrees at PADUCAH ASOS and the extreme low was 43 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 1.21 inches statewide which was 0.13 inches above normal and 112% of normal. Precipitation totals by climate division, West 2.04 inches, Central 0.97 inches, Bluegrass 0.97 inches and East 0.88 inches, which was 0.99, -0.15, -0.11 and -0.19 inches respectively from normal. By station, precipitation totals ranged from a low of 0.35 inches at HARDINSBURG 5SW to a high of 3.66 inches at PADUCAH ASOS.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/2/24 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
Western KY													
Caldwell	Princeton(M)	0.63	22.42	8.73	-0.41	4.57	83	52	68	-2			
Christian	Hopkinsville(M)	0.99	24.03	8.50	1.18	3.74	82	54	69	-1	78	69	73
Daviess	Owensboro(AP)	2.58	21.45	8.30	0.53	4.08	81	56	70	0			
Fulton	Hickman(M)	2.08	28.01	10.99	5.09	6.75	85	55	71	0			
Marshall	Benton(M)	0.57	23.83	10.15	-3.03	4.97	83	51	69	-2	79	68	74
McCracken	Paducah(AP)	3.66	26.97	11.05	4.05	6.81	87	54	71	0			
McLean	Calhoun(M)	0.55	26.96	10.92	3.13	6.33	82	51	67	-5	82	64	73
Todd	Elkton(M)	1.17	27.71	12.17	4.86	7.41	83	51	68	-2			
Union	Morganfield(M)	0.66	24.89	11.09	3.97	6.87	82	54	69	-1			
Central KY													
Barren	Glasgow(M)	0.43	25.83	9.39	2.21	4.55	81	51	67	-2			
Breckinridge	Hardinsburg(M)	0.35	24.68	6.17	0.99	0.89	79	51	67	-2	77	68	72
Clinton	Albany(M)	1.04	31.38	11.35	4.96	6.56	80	49	66	-1	81	66	73
Hardin	Elizabethtown(M)	0.50	24.18	6.15	0.49	0.87	80	53	67	-2	74	66	70
Hart	Munfordville(M)	0.43	25.18	6.35	1.38	1.80	82	52	67	-4	71	64	68
Jefferson	Louisville(AP)	0.83	21.64	5.67	-0.16	1.14	82	58	71	0			
Taylor	Campbellsville(M)	0.86	29.02	7.81	5.88	3.00	80	50	66	-2			
Warren	Bowling_Green(AP)	0.71	23.76	7.10	1.22	2.67	84	54	70	-1			
Bluegrass													
Boone	Cinci./NKY(AP)	0.44	20.4	5.16	0.13	1	79	53	67	0			
Boyle	Danville(M)	0.93	24.71	5.08	2.68	0.58	79	50	66	-1	85	64	73
Fayette	Lexington(AP)	0.55	24.35	5.65	2.47	0.76	80	52	68	0			
Franklin	Frankfort(M)	0.71	23.2	5.5	1.76	1.04	80	50	65	-4	75	66	70
Madison	Richmond(M)	0.6	21.6	4	-0.43	-0.5	81	48	65	-2			
Mason	Maysville(M)	0.64	21.13	5.29	-0.85	0.69	80	45	64	-2	74	64	70
Eastern KY													
Breathitt	Jackson(AP)	1.24	22.45	5.63	-0.47	0.98	80	52	66	-2			
Harlan	Harlan(M)	0.69	23.93	4.84	1.39	0.45	67	46	57	-11	73	57	65
Lawrence	Louisa(M)	0.45	20.54	3.95	0.90	-0.06	82	45	65	-1			
Pike	Pikeville(M)	0.47	20.08	4.76	0.44	0.75	74	49	61	-5			
Pulaski	Somerset(M)	0.94	26.54	8.65	4.51	4.15	80	47	65	-2			
Rowan	Morehead(M)	0.54	24.76	5.83	2.72	1.18	79	44	63	-3			

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