



Crop Progress and Condition

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In Cooperation with:

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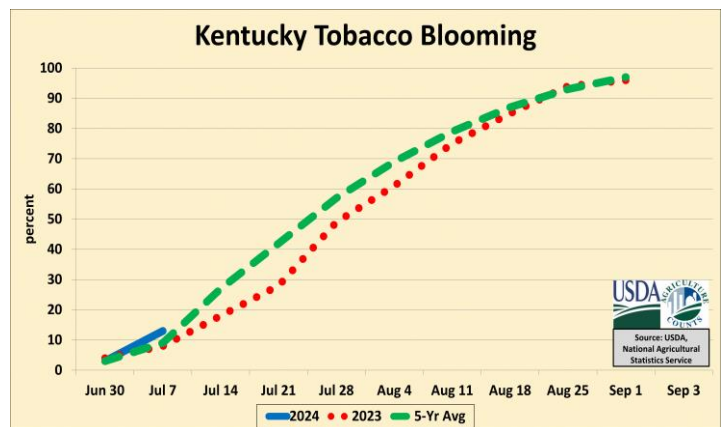
Agricultural News: Kentucky experienced slightly below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.97 inches, 0.13 inches below normal. Temperatures averaged 76 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 7 percent very short, 22 percent short, 68 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 8 percent very short, 22 percent short, 68 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included replanting soybeans, harvesting wheat, cutting hay, and monitoring crops. Taking advantage of the dry weather, farmers were able to wrap up final planting of soybeans. Corn and soybeans have been showing signs of heat stress due to the continued hot and dry weather. Some parts of Central and Eastern Kentucky received some much-needed rain that kept crop conditions from worsening. 46% of corn is reported to be silking, which is considerably ahead of this time last year. The same is true for corn milking, coming in at 12%, ahead of the 9% reported last year. Soybean acres are now estimated to be 100% planted, with 90% emerged. 27% of soybeans are reported to be blooming, well ahead of the 5-year average. The average height of emerged soybeans was 18 inches. Tobacco transplanting has wrapped up and 13% of the crop is blooming. Finally, wheat harvest is coming to a close, with 97% of the crop harvested.

Pasture and range conditions declined slightly from last week, with only 59% rated good or excellent. The first cutting of hay has been completed.

SOIL MOISTURE for week ending 07/07/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	7	22	68	3
Subsoil	8	22	68	2



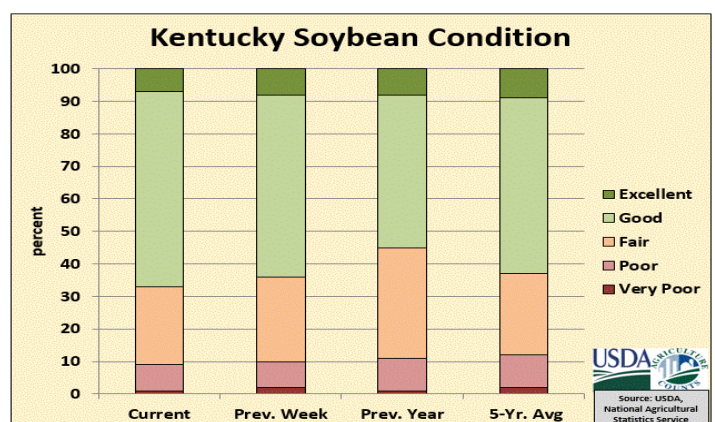
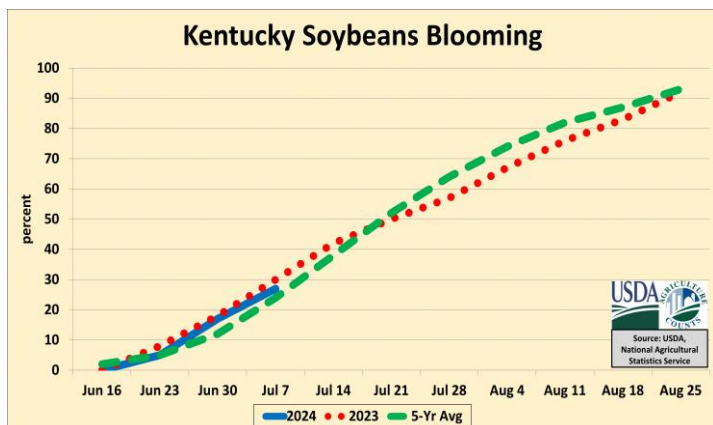
CROP PROGRESS for week ending 07/07/24

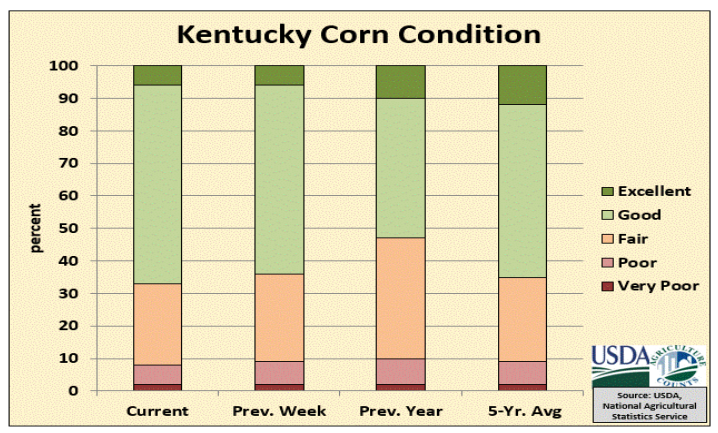
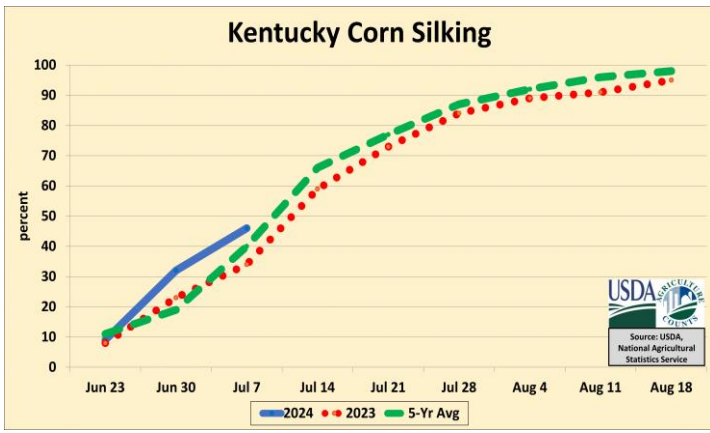
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	46	32	34	40
Corn Milked	12	-	9	8
Soybeans Planted	100	94	99	97
Soybeans Emerged	90	84	94	91
Soybeans Blooming	27	17	29	23
Soybeans Setting Pods	6	-	5	3
Tobacco Blooming	13	3	8	9
Winter Wheat Harvested	97	91	88	93

CROP CONDITIONS for week ending 07/07/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	6	25	61	6
Pasture	3	8	30	50	9
Soybeans	1	8	24	60	7
Tobacco Set	1	3	16	74	6

- Represents zero.





Kentucky Climate Summary
For the Period July 1, 2024 to July 7, 2024

Slightly Below Normal Temperatures and Rainfall:

The first week of July consisted of fluctuating temperatures and humidity. Temperatures were most pleasant on Monday, with highs only reaching the upper 70s to low 80s, which was about 10 degrees below normal. That said, the Bluegrass State also experienced some very warm and humid days. Heat advisories were issued midweek, with highs jumping into the low to middle 90s and heat indices exceeding the century mark. Dry conditions persisted through Tuesday, followed by a fairly active second half of the workweek with multiple rounds of showers and storms. These storms were capable of producing heavy rainfall and even some localized flooding. Depending on the location of these storms, some areas saw more than 2 inches of rain for the week, while others received less than half an inch.

Temperatures for the period averaged 76 degrees across the state which was 1 degree cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 88 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to near normal in the East. Low temperatures averaged from 67 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at BOWLING GREEN APT and the extreme low was 48 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.97 inches statewide which was 0.13 inches below normal and 88% of normal. Precipitation totals by climate division, West 0.94 inches, Central 1.24 inches, Bluegrass 0.85 inches and East 0.87 inches, which was -0.07, 0.14, -0.20 and -0.36 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at YELLOW CREEK to a high of 4.00 inches at TRIANGLE MOUNTAIN.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/07/24 7 P.M.^

County	Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*	Last Week	Since Apr 1	Dev. Since Apr 1
		Inches	Inches	Inches	Inches	Inches	Degree s F	Degree s F	Degree s F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	0.42	17.14	3.39	1.71	-0.74	92	59	76	-1	187	1900	135
Christian	Hopkinsville(M)	1.78	19.40	3.72	3.77	-0.46	92	59	76	-2	186	1909	159
Daviess	Owensboro(AP)	1.02	15.97	1.79	1.10	-2.02	93	61	78	0	197	2014	310
Fulton	Hickman(M)	0.90	20.85	2.94	5.28	-1.22	94	62	78	0	199	2029	186
Marshall	Benton(M)	0.45	17.70	3.20	-0.03	-1.49	93	59	76	-2	188	1946	129
McCracken	Paducah(AP)	0.37	17.91	2.74	2.34	-1.42	92	61	78	0	199	2137	294
McLean	Calhoun(M)	1.32	21.95	3.53	5.50	-1.23	93	57	76	-2	185	1847	-57
Todd	Elkton(M)	1.43	22.77	3.08	7.14	-1.10	93	57	76	-2	187	1844	94
Union	Morganfield(M)	1.04	19.06	2.55	4.19	-1.26	93	57	76	-1	186	1944	240
Central KY													
Barren	Glasgow(M)	3.49	22.05	5.99	5.80	1.60	92	58	76	0	185	1825	193
Breckinridge	Hardinsburg(M)	0.46	16.84	3.20	-0.29	-1.16	91	58	75	-2	180	1794	197
Clinton	Albany(M)	0.09	18.42	0.94	1.70	-3.77	93	61	77	2	190	1756	340
Hardin	Elizabethtown(M)	0.30	13.89	1.37	-3.24	-2.99	92	57	76	-1	184	1806	209
Hart	Munfordville(M)	1.83	16.35	2.52	0.25	-2.05	91	55	75	-3	180	1791	-110
Jefferson	Louisville(AP)	2.83	15.68	4.12	0.50	0.19	93	62	80	0	210	2150	312
Taylor	Campbellsville(M)	1.16	17.83	1.45	1.64	-3.10	94	52	76	0	184	1766	170
Warren	Bowling_Green(AP)	1.09	16.47	2.75	1.04	-1.51	96	60	80	1	210	2108	294
Bluegrass													
Boone	Cinci./NKY(AP)	1.15	11.58	1.41	-3.26	-2.80	93	60	77	1	187	1780	354
Boyle	Danville(M)	0.31	13.98	0.66	-2.15	-4.39	91	54	75	0	180	1757	214
Fayette	Lexington(AP)	0.48	13.54	1.49	-2.39	-3.05	94	56	78	2	197	1928	381
Franklin	Frankfort(M)	0.67	12.47	1.25	-2.57	-2.92	92	51	75	-1	181	1744	161
Madison	Richmond(M)	0.32	11.26	1.04	-4.87	-4.01	93	51	75	0	180	1694	151
Mason	Maysville(M)	0.55	12.98	1.22	-2.03	-2.60	92	52	74	-1	174	1655	283
Eastern KY													
Breathitt	Jackson(AP)	0.50	13.10	3.43	-3.05	-1.49	90	57	77	1	187	1872	284
Harlan	Harlan(M)	0.17	12.22	1.18	-3.48	-3.86	80	53	68	-7	128	1072	-414
Lawrence	Louisa(M)	1.37	12.27	1.84	-2.00	-2.86	92	52	76	1	186	1766	356
Pike	Pikeville(M)	0.52	12.42	1.99	-1.85	-2.71	85	53	72	-2	158	1483	73
Pulaski	Somerset(M)	1.26	17.77	3.56	1.64	-1.49	91	57	76	1	182	1668	125
Rowan	Morehead(M)	3.31	17.82	3.73	1.82	-1.02	88	51	73	-1	165	1584	206

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, 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