



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
601 W Broadway, Rm 645
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
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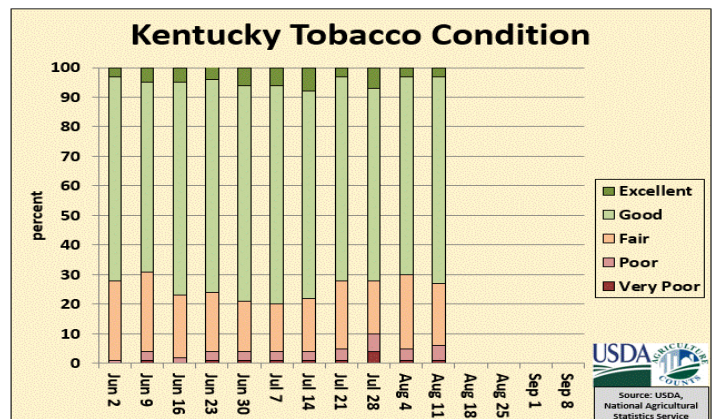
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.04 inches, 0.83 inches below normal. Temperatures averaged 75 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 3 percent very short, 22 percent short, 67 percent adequate, and 8 percent surplus. **Subsoil moisture** was rated 3 percent very short, 24 percent short, 65 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 6.4 out of a possible seven.

Primary activities this week included monitoring row crops, topping tobacco, and spraying. Despite most of the state receiving no rainfall, crop conditions remain similar to last week. The corn crop is progressing in line with the 5-year average. Ninety-three percent of the crop is silking, 76 percent is in the milk stage, 61 percent is doughing, and 37 percent has dented. Soybeans are slightly ahead of the 5-year average as 80 percent are reported to be blooming, 65 percent are setting pods, and 12 percent are coloring. In comparison, the 5-year average indicates that for this week the crop is usually 77 percent blooming, 58 percent setting pods, and 5 percent coloring. With most days this week suitable for fieldwork, operators were able to make strong progress on topping tobacco bringing the percentage topped up to 55. The tobacco harvest has begun for some with 5 percent of the crop cut at this juncture.

Even with the recent dry spell, pasture condition remains steady with 60 percent rated as good or excellent. Rain is needed soon to aid in regrowth.

SOIL MOISTURE for week ending 08/11/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	22	67	8
Subsoil	3	24	65	8



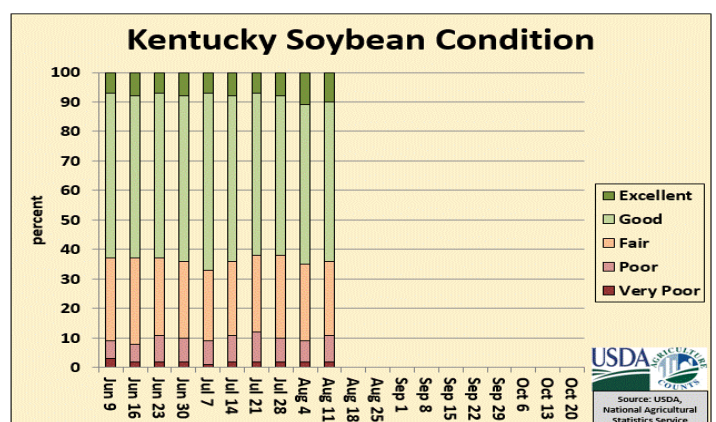
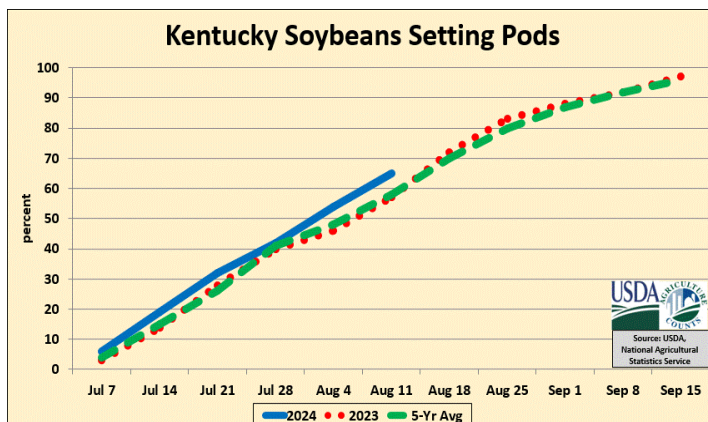
CROP PROGRESS for week ending 08/11/24

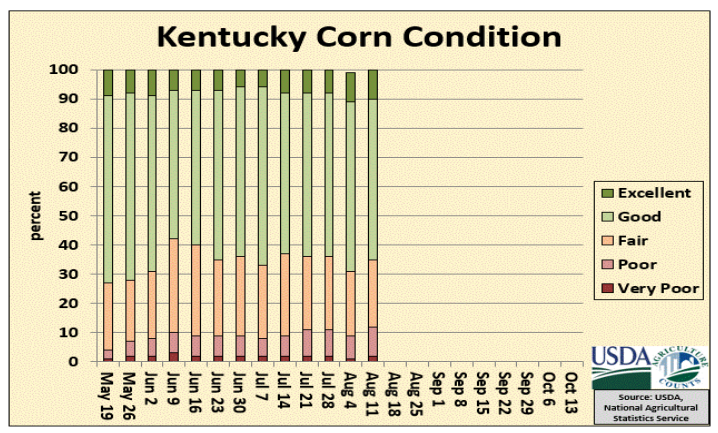
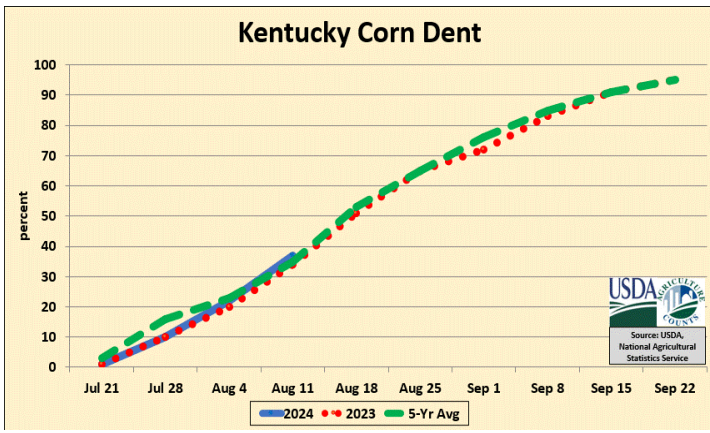
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	93	90	90	93
Corn Milked	76	66	75	77
Corn Dough	61	48	56	58
Corn Dent	37	22	34	35
Soybeans Blooming	80	74	73	77
Soybeans Setting Pods	65	54	57	58
Soybeans Coloring	12	3	8	5
Tobacco Blooming	75	62	71	75
Tobacco Topped	55	38	50	54
Tobacco Cut	5	-1	-1	-1

CROP CONDITIONS for week ending 08/11/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	10	23	55	10
Pasture	2	9	29	52	8
Soybeans	2	9	25	54	10
Tobacco Set	1	5	21	70	3

-1 Represents not available.





Kentucky Climate Summary
For the Period August 5, 2024 to August 11, 2024

Below Normal Temperatures and Rainfall:

Dry conditions were the norm for most of the area, with many not recording a drop of rain. This dry spell ended a three-week stretch of above-normal rainfall across the state. The only exception to the dry weather occurred across Eastern Kentucky, where a cold front sparked isolated to scattered activity over the second half of the week, leading to localized accumulations of half an inch to one inch. However, most totals remained on the light side. Aside from precipitation, temperatures varied drastically from one side of the week to the other. On Monday and Tuesday, highs soared into the low to mid 90s. However, a cold front brought a dramatic change over the weekend, with high temperatures dropping to the upper 70s and low 80s. Lower humidity contributed to a fall-like air mass.

Temperatures for the period averaged 75 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 84 in the West to 86 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to near normal in the East. Low temperatures averaged from 66 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 1 degree warmer than normal in the East. The extreme high temperature for the period was 98 degrees at LOUISA 1S and the extreme low was 53 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.04 inches statewide which was 0.83 inches below normal and 5% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.01 inches and East 0.14 inches, which was 0.79, 0.85, 0.82 and 0.86 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 1.23 inches at MOREHEAD 4NE.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/11/24 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	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	0.00	20.40	2.06	0.12	-1.74	92	57	74	-3	172	2847	87
Christian	Hopkinsville(M)	0.00	22.93	2.06	2.00	-2.12	90	58	74	-4	172	2861	95
Daviess	Owensboro(AP)	0.00	18.94	2.22	0.07	-0.84	91	59	76	0	181	3004	332
Fulton	Hickman(M)	0.00	23.58	0.79	3.51	-2.70	94	59	75	-3	178	3030	153
Marshall	Benton(M)	0.00	24.73	3.48	1.87	-0.57	91	58	75	-3	176	2912	74
McCracken	Paducah(AP)	0.00	22.75	2.85	2.68	-0.64	95	59	77	-1	190	3168	291
McLean	Calhoun(M)	0.00	27.98	5.22	6.70	1.59	89	56	73	-5	163	2769	-170
Todd	Elkton(M)	0.00	27.56	3.48	6.63	-0.70	91	56	73	-5	166	2775	9
Union	Morganfield(M)	0.00	22.77	2.69	3.90	-0.37	92	57	74	-2	171	2892	220
Central KY													
Barren	Glasgow(M)	0.00	27.56	5.18	5.88	0.87	90	59	74	-2	173	2758	155
Breckinridge	Hardinsburg(M)	0.00	25.34	6.49	3.90	3.15	89	57	74	-2	169	2711	145
Clinton	Albany(M)	0.00	24.82	6.35	2.65	2.09	91	58	75	0	179	2703	397
Hardin	Elizabethtown(M)	0.00	20.20	5.24	-1.24	1.90	89	58	74	-2	170	2720	154
Hart	Munfordville(M)	0.00	23.06	6.02	1.87	2.06	89	60	75	-3	175	2722	-214
Jefferson	Louisville(AP)	0.00	19.52	2.96	-0.23	-0.75	95	63	79	0	205	3215	330
Taylor	Campbellsville(M)	0.00	23.17	5.31	2.19	1.52	90	59	75	0	175	2700	180
Warren	Bowling_Green(AP)	0.00	23.80	6.58	3.89	3.14	94	63	79	0	200	3165	310
Bluegrass													
Boone	Cinci./NKY(AP)	0.02	15.67	2.24	-3.43	-1.17	92	56	76	0	179	2721	387
Boyle	Danville(M)	0.00	18.48	4.34	-2.90	0.31	90	58	74	0	173	2687	262
Fayette	Spindletop(M)	0.00	16.83	3.67	-4.61	-0.70	89	60	75	0	176	2686	205
Franklin	Frankfort(M)	0.00	18.18	5.65	-1.77	1.80	90	57	74	-2	173	2677	142
Madison	Richmond(M)	0.00	17.96	6.42	-3.42	2.39	90	57	74	0	172	2608	183
Mason	Maysville(M)	0.00	14.77	1.73	-5.70	-2.59	94	55	76	1	183	2603	325
Eastern KY													
Breathitt	Jackson(AP)	0.02	16.79	3.67	-5.01	-0.87	92	59	77	2	191	2830	342
Harlan	Harlan(M)	0.21	18.39	6.10	-3.21	1.37	80	54	67	-7	124	1711	-682
Lawrence	Louisa(M)	0.05	14.60	2.33	-5.06	-1.88	98	57	78	3	199	2746	446
Pike	Pikeville(M)	0.00	17.34	4.90	-2.32	0.69	83	57	72	-2	154	2280	-20
Pulaski	Somerset(M)	0.13	25.55	7.50	4.17	3.47	89	56	73	-1	167	2561	136
Rowan	Morehead(M)	1.22	22.25	3.94	0.10	-0.83	91	56	74	0	174	2473	223

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.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