



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
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Cooperative Extension Service

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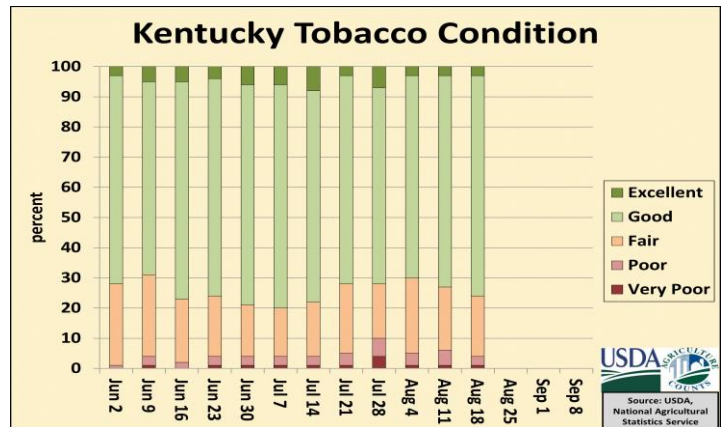
**Agricultural News:** Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.01 inches, 0.21 inches above normal. Temperatures averaged 75 degrees for the week, 1 degrees below normal. **Topsoil moisture** was rated 6 percent very short, 23 percent short, 68 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 5 percent very short, 26 percent short, 67 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven.

Primary activities this week included scouting row crop fields, and the topping and cutting of tobacco. Most rainfall occurred during the second half of the week, with precipitation being more consistent in the central and eastern parts of the state. There were also isolated reports of high winds and hail in areas effected by thunderstorms. The corn crop continues to progress well, with most stages slightly ahead or in line with 5 year averages. 96% of acres have started silking, with 75% doughing, and 54% beginning to dent. 5% of acres are reported as having matured. Soybeans are also progressing ahead of their 5 year averages. 88% of acres are blooming, 77% are setting pods, and 21% of acres are beginning to color. 86% of tobacco acres are now blooming, with 69% of the total acres being topped. Cutting continues to progress with 15% of acres reported as cut. Tobacco conditions improved slightly this week with 76% now being reported as good or excellent.

Conditions for pasture improved slightly this week with 63% now being reported as good or excellent, up from 60% last week. The precipitation and cooler night time temperatures allowed for some forage regrowth.

**SOIL MOISTURE for week ending 08/18/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	6	23	68	3
Subsoil	5	26	67	2



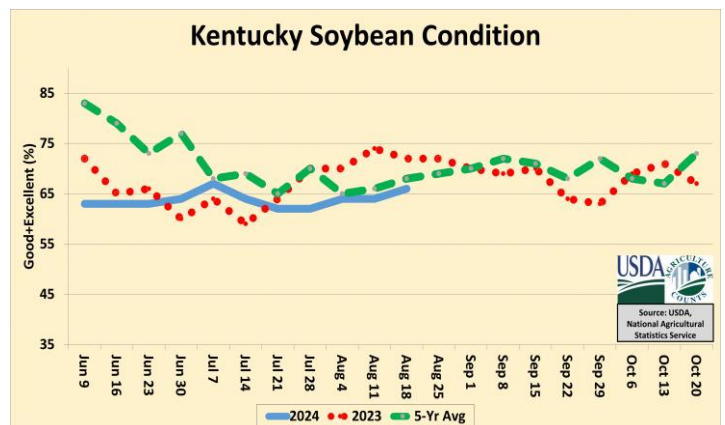
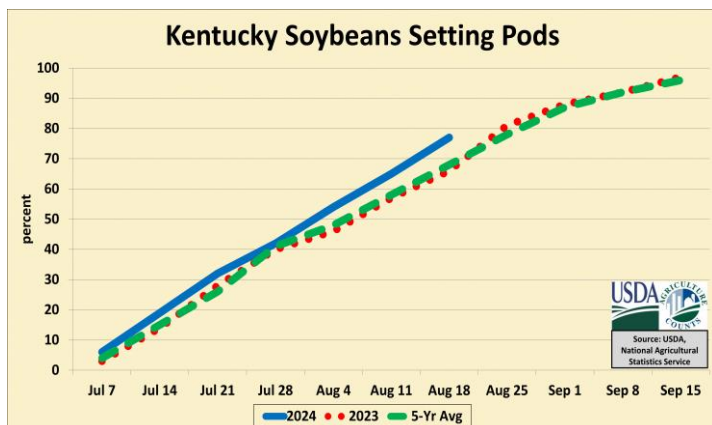
**CROP PROGRESS for week ending 08/18/24**

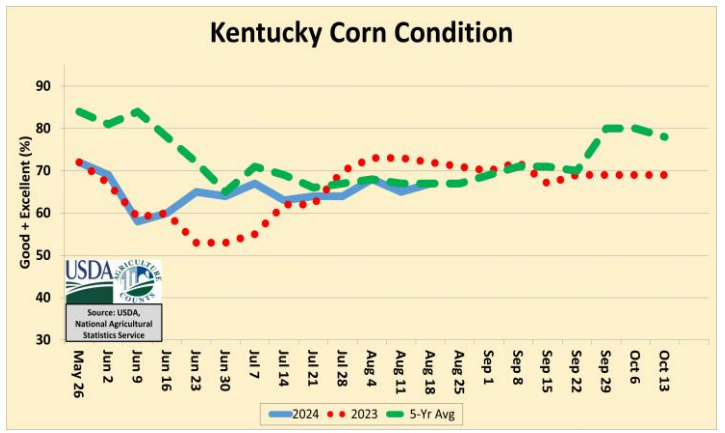
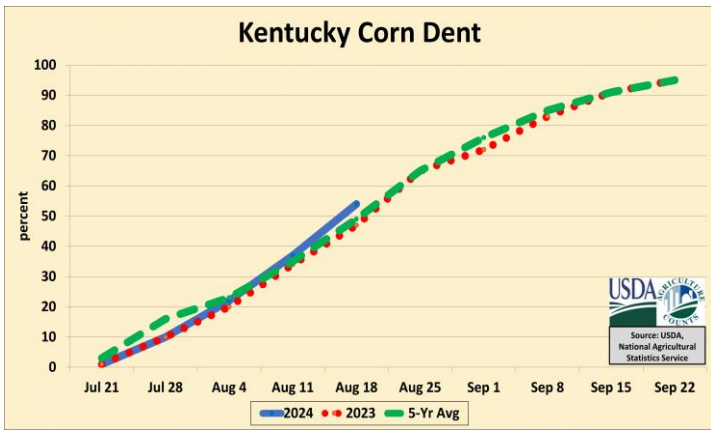
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	96	93	94	96
Corn Milked	85	76	84	85
Corn Dough	75	61	68	68
Corn Dent	54	37	47	48
Corn Mature	5	-	9	11
Soybeans Blooming	88	80	81	84
Soybeans Setting Pods	77	65	66	67
Soybeans Coloring	21	12	15	11
Tobacco Blooming	86	75	82	85
Tobacco Topped	69	55	64	67
Tobacco Cut	15	5	11	15

**CROP CONDITIONS for week ending 08/18/24**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	9	22	56	11
Pasture	2	6	29	56	7
Soybeans	2	9	23	56	10
Tobacco Set	1	3	20	73	3

- Represents zero.





**Kentucky Climate Summary**  
**For the Period August 12, 2024 to August 18, 2024**

Below Normal Temperatures and Above Normal Rainfall:

Quiet weather, featuring dry and cooler-than-normal temperatures, prevailed during the first half of the workweek. High temperatures only rose into the upper 70s to mid-80s on a daily basis. Those numbers went on the rise over the second half, accompanied by a more active weather pattern. Starting Thursday night, the state saw daily rounds of showers and storms. This activity was most intense across the eastern half of Kentucky, where many areas recorded 1-2+ inches of precipitation. Totals decreased farther west, with Eastern Kentucky averaging 1.72 inches for the week, compared to 0.49 inches for Western Kentucky.

Temperatures for the period averaged 75 degrees across the state which was 1 degree cooler than normal and no change to the previous period. High temperatures averaged from 87 in the West to 84 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 96 degrees at LOUISVILLE APT and the extreme low was 50 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 1.01 inches statewide which was 0.21 inches above normal and 126% of normal. Precipitation totals by climate division, West 0.49 inches, Central 0.70 inches, Bluegrass 1.13 inches and East 1.72 inches, which was -0.26, -0.14, 0.39 and 0.84 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CADIZ 4SW to a high of 2.74 inches at BARBOURVILLE 3E.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 08/18/24 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
<b>Western KY</b>													
Caldwell	Princeton(M)	0.25	20.65	1.09	-0.44	-2.52	92	58	76	-1	185	3032	78
Christian	Hopkinsville(M)	0.76	23.69	1.72	1.80	-2.31	91	59	76	-1	183	3045	82
Daviess	Owensboro(AP)	0.47	19.41	1.85	-0.10	-0.96	95	58	77	0	190	3193	334
Fulton	Hickman(M)	0.37	23.95	1.16	3.19	-2.04	93	62	77	-1	191	3221	145
Marshall	Benton(M)	1.15	25.88	3.04	2.21	-0.79	91	60	76	-1	187	3100	63
McCracken	Paducah(AP)	0.82	23.57	2.88	2.81	-0.32	93	63	79	1	201	3368	292
McLean	Calhoun(M)	0.19	28.17	2.44	6.32	-0.61	91	56	74	-4	168	2938	-202
Todd	Elkton(M)	0.97	28.53	2.14	6.64	-1.89	93	54	75	-2	177	2953	-10
Union	Morganfield(M)	0.16	22.93	2.13	3.42	-0.68	93	58	76	0	184	3077	218
<b>Central KY</b>													
Barren	Glasgow(M)	0.85	28.41	3.55	5.93	-0.37	90	57	75	-1	175	2933	142
Breckinridge	Hardinsburg(M)	0.05	25.39	5.33	3.24	2.23	90	55	74	-2	169	2880	126
Clinton	Albany(M)	0.31	25.13	4.74	2.03	0.70	90	58	74	0	174	2877	399
Hardin	Elizabethtown(M)	0.80	21.00	3.98	-1.15	0.88	90	55	73	-3	167	2888	134
Hart	Munfordville(M)	1.06	24.12	3.98	2.11	0.34	89	57	74	-4	173	2895	-242
Jefferson	Louisville(AP)	0.22	19.74	2.81	-0.85	-0.84	96	62	80	1	207	3422	332
Taylor	Campbellsville(M)	0.39	23.56	4.41	1.77	0.83	91	55	74	-1	171	2871	172
Warren	Bowling_Green(AP)	0.87	24.67	3.48	3.87	0.09	95	61	79	0	202	3366	308
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	1.11	16.78	3.30	-3.08	-0.03	90	56	76	1	183	2903	393
Boyle	Danville(M)	1.64	20.12	5.20	-2.04	1.54	89	53	73	-1	166	2853	256
Fayette	Spindletop(M)	2.11	18.94	5.14	-3.32	1.14	90	56	75	0	175	2862	198
Franklin	Frankfort(M)	0.91	19.09	6.02	-1.52	2.63	89	52	73	-2	166	2844	124
Madison	Richmond(M)	2.09	20.05	8.17	-2.11	4.51	88	53	72	-2	158	2766	169
Mason	Maysville(M)	1.30	16.07	2.91	-5.12	-0.90	91	53	74	0	170	2774	320
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	2.18	18.97	5.31	-3.79	0.98	90	59	74	0	169	2999	335
Harlan	Harlan(M)	0.80	19.19	4.76	-3.44	0.19	75	54	65	-9	108	1820	-748
Lawrence	Louisa(M)	0.89	15.49	2.72	-4.97	-1.13	94	55	75	0	176	2922	447
Pike	Pikeville(M)	1.85	19.19	4.41	-1.27	0.56	82	57	69	-5	136	2416	-59
Pulaski	Somerset(M)	1.00	26.55	6.14	4.39	2.48	88	54	71	-3	153	2715	118
Rowan	Morehead(M)	1.82	24.07	5.69	1.07	1.45	87	52	71	-2	153	2627	209

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](http://weather.uky.edu/climate_normals.php)