



Crop Progress and Condition

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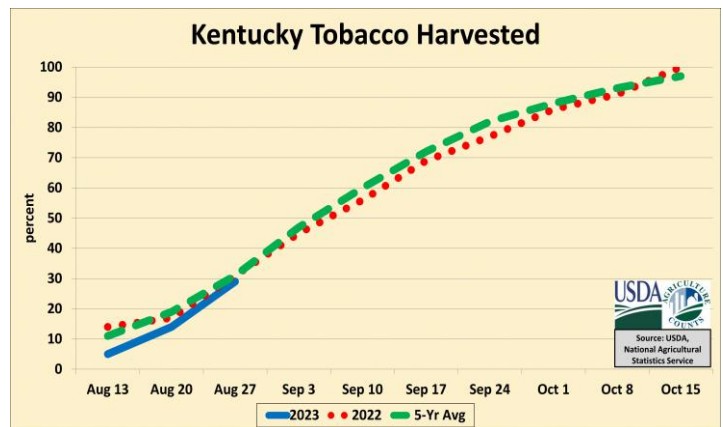
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.04 inches, 0.27 inches above normal. Temperatures averaged 80 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 6 percent very short, 26 percent short, 62 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 4 percent very short, 24 percent short, 69 percent adequate, and 3 percent surplus. Days suitable for fieldwork averaged 6.2 out of a possible seven.

Primary activities for this week included cutting hay along with topping and cutting tobacco. Temperatures were very hot across the state this past week. With the extreme heat came storm activity by the weekend. Farmers were able to forge ahead with fieldwork until the unstable weather rolled in. Corn in the milk stage is at 94 percent as 83 percent of the crop is doughing. Sixty-five percent of corn is in the dent stage with the crop 29 percent mature. The harvest is beginning for some corn producers as weather permits. Ninety-two percent of soybeans are blooming with 80 percent setting pods. Twenty percent of soybeans are coloring at this time as 2 percent are dropping leaves. The condition of both soybeans and corn remains mostly good. Ninety-four percent of tobacco is blooming as overall condition is mostly good. Topping is 82 percent complete with 29 percent of the crop cut.

Pasture condition continues to be mostly good despite extreme heat. With that said, the relentless heat has been stressful to livestock. Hay condition is mostly good at this time.

SOIL MOISTURE for week ending 08/27/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	6	26	62	6
Subsoil	4	24	69	3



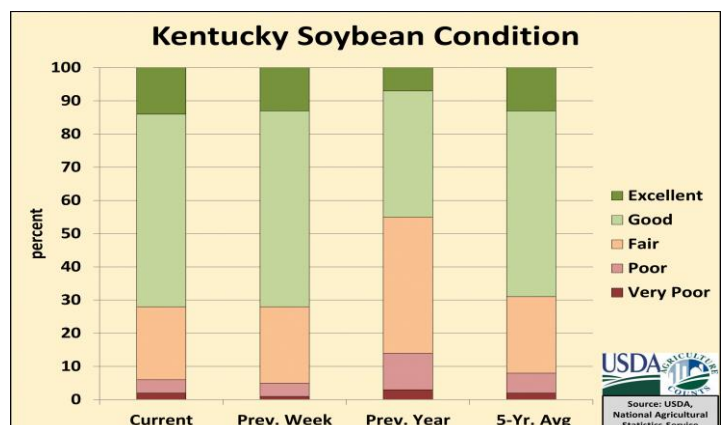
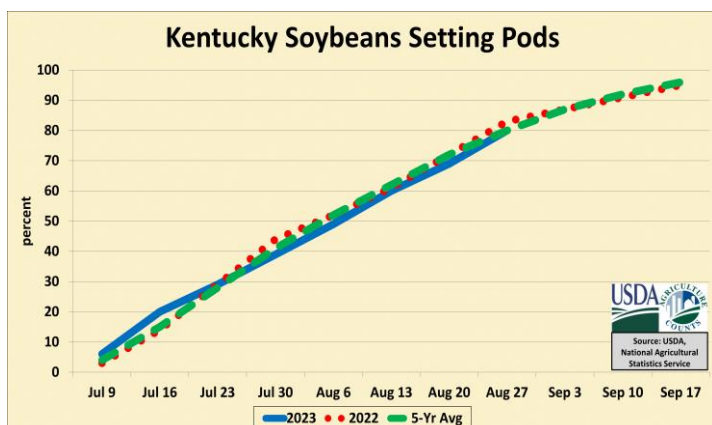
CROP PROGRESS for week ending 08/27/23

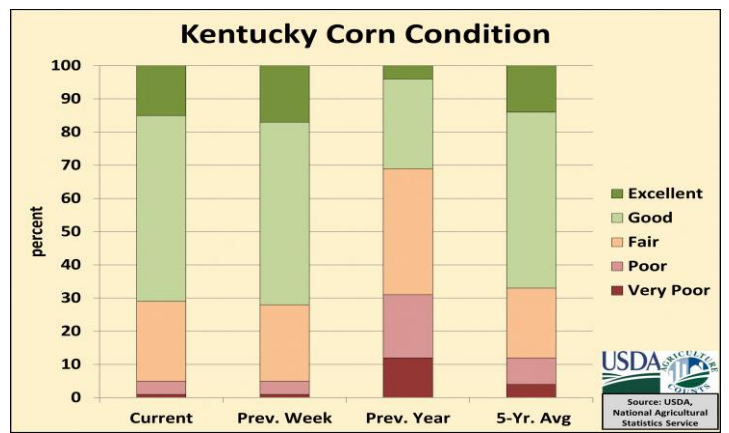
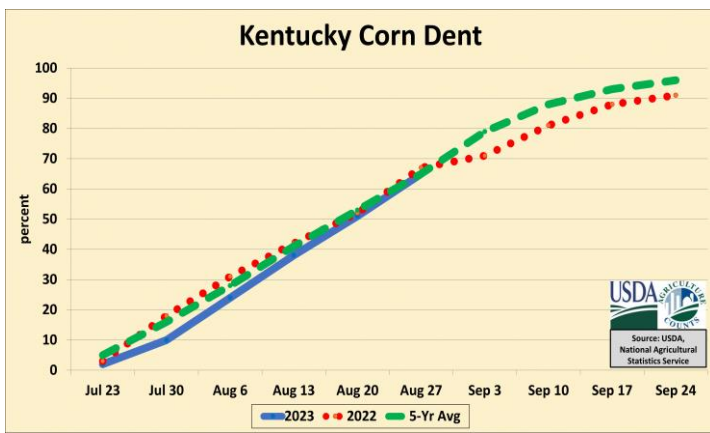
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	94	87	94	93
Corn Dough	83	71	80	82
Corn Dent	65	51	67	65
Corn Mature	29	11	21	31
Soybeans Blooming	92	83	94	93
Soybeans Setting Pods	80	69	83	80
Soybeans Coloring	20	17	24	20
Soybeans Dropping Leaves	2	-	3	3
Tobacco Blooming	94	85	94	93
Tobacco Topped	82	68	81	80
Tobacco Cut	29	14	31	31

CROP CONDITIONS for week ending 08/27/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	24	56	15
Hay	2	9	28	54	7
Pasture	3	7	28	54	8
Soybeans	2	4	22	58	14
Tobacco Set	3	8	18	64	7

- Represents zero.





**Kentucky Climate Summary
For the Period August 21, 2023 to August 27, 2023**

Above Normal Temperatures and Rainfall:

Kentucky saw its most prolonged heat wave of the summer season. Highs consistently jumped into the upper 80s to low 90s through the first half of the work week, before taking a notch higher over the latter half. Dewpoints well into the 70s, sometimes touching 80, led to a very muggy feel to the air. Heat indices topped 110 at times, especially across the western half of the state. This pushed the livestock heat stress index into the emergency category during the afternoon and evening hours. Unfortunately, there was little recovery at night with low temperatures staying in the 70s. Dry conditions were the norm through Wednesday. Over the second half, though, multiple storm complexes pass through the state, providing some hit and miss activity. Some saw 2+ inches, including 3.58 inches at the Caldwell County Mesonet station on Sunday. Others missed out, staying under a quarter inch.

Temperatures for the period averaged 80 degrees across the state which was 4 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 91 in the West to 88 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 73 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 99 degrees at BOWLING GREEN APT and the extreme low was 60 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.04 inches statewide which was 0.27 inches above normal and 135% of normal. Precipitation totals by climate division, West 1.53 inches, Central 0.91 inches, Bluegrass 0.94 inches and East 0.80 inches, which was 0.81, 0.06, 0.24 and -0.01 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at TRIANGLE MOUNTAIN to a high of 3.80 inches at PRINCETON 2SE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/27/23 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)	3.81	28.30	8.87	6.25	5.60	95	69	80	3	215	2937	-257
Christian	Hopkinsville(M)	1.44	22.03	5.81	-1.08	1.89	95	68	80	3	215	2965	-244
Daviess	Owensboro(AP)	0.60	16.30	3.54	-4.06	0.93	97	72	83	7	231	3126	35
Fulton	Hickman(M)	0.31	29.32	15.35	7.72	12.48	95	71	82	5	224	3201	-122
Marshall	Benton(M)	1.97	22.20	7.53	-2.38	4.18	96	72	82	5	225	3060	-225
McCracken	Paducah(AP)	1.54	26.77	7.23	5.17	4.36	99	72	84	7	240	3369	46
McLean	Calhoun(M)	0.22	21.67	2.71	-0.93	0.21	96	67	79	1	209	2866	-526
Todd	Elkton(M)	1.98	22.88	8.31	-0.23	4.39	95	68	79	2	208	2921	-288
Union	Morganfield(M)	2.67	19.51	5.78	-0.85	3.17	98	69	82	6	226	3065	-26
Central KY													
Barren	Glasgow(M)	0.75	20.18	4.36	-3.30	0.89	95	68	79	3	207	2820	-205
Breckinridge	Hardinsburg(M)	0.25	18.94	2.83	-4.16	-0.11	94	66	79	3	206	2784	-205
Clinton	Albany(M)	0.51	19.75	3.35	-4.53	-0.49	93	66	78	5	199	2678	-10
Hardin	Elizabethtown(M)	1.72	22.00	5.22	-1.10	2.28	93	67	78	2	200	2751	-238
Hart	Munfordville(M)	1.43	22.68	4.73	-0.50	1.26	93	69	79	1	203	2794	-595
Jefferson	Louisville(AP)	0.88	18.55	3.54	-3.05	0.10	99	73	85	7	243	3314	-32
Taylor	Campbellsville(M)	0.48	16.51	2.88	-6.32	-0.43	95	66	79	4	203	2699	-224
Warren	Bowling_Green(AP)	2.07	19.49	5.93	-2.51	2.44	99	72	83	5	234	3271	-37
Bluegrass													
Boone	Cinci./NKY(AP)	0.96	18.85	1.85	-1.96	-1.30	94	67	81	7	214	2725	-5
Boyle	Danville(M)	0.30	15.64	2.35	-7.52	-0.94	95	65	78	4	199	2635	-177
Fayette	Lexington(AP)	1.14	19.36	2.40	-3.87	-1.05	98	67	81	6	217	2984	94
Franklin	Frankfort(M)	0.73	18.27	2.07	-3.18	-0.84	97	64	78	3	202	2604	-345
Madison	Richmond(M)	1.59	20.08	4.54	-3.08	1.25	94	63	77	3	192	2567	-245
Mason	Maysville(M)	0.89	16.94	3.88	-5.13	0.75	92	64	76	2	187	2516	-157
Eastern KY													
Breathitt	Jackson(AP)	2.78	22.86	6.52	-1.04	2.51	91	67	78	4	197	2841	-43
Harlan	Harlan(M)	0.21	18.78	4.08	-5.00	-0.11	79	61	70	-3	144	1598	-1187
Lawrence	Louisa(M)	1.06	15.44	2.57	-5.99	-0.80	97	61	78	4	200	2739	48
Pike	Pikeville(M)	0.91	20.75	3.65	-0.68	0.28	83	64	73	0	166	2215	-476
Pulaski	Somerset(M)	0.31	16.82	4.07	-6.34	0.78	94	63	77	3	189	2556	-256
Rowan	Morehead(M)	2.95	20.48	4.44	-3.53	0.85	93	63	72	0	161	2453	-174

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