



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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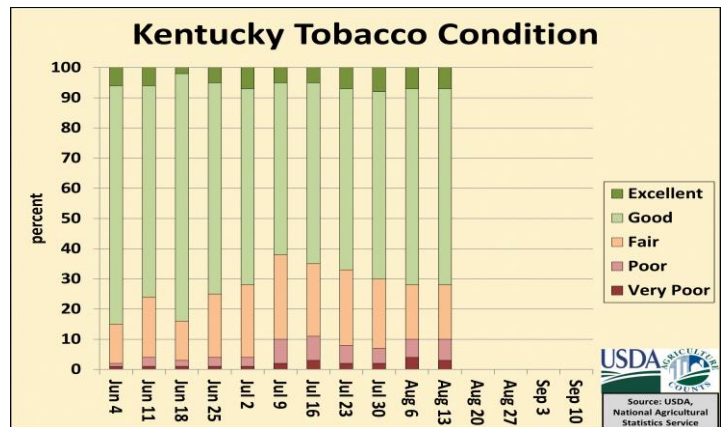
Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.38 inches, 0.52 inches above normal. Temperatures averaged 75 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 2 percent very short, 15 percent short, 72 percent adequate, and 11 percent surplus. **Subsoil moisture** was rated 2 percent very short, 16 percent short, 72 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 4.8 out of a possible seven.

Primary activities for this week included spraying, topping tobacco, and cutting hay. Tobacco cutting has begun for some, but is in the very early stage. Another week of unstable weather slowed fieldwork. Rain was heavy at times and there were a few instances of severe weather. There was a pocket of tornadic activity that caused some substantial crop damage. More flooding occurred in low lying areas as farmers continue to evaluate damage from flood events over the past month. Ninety-one percent of corn is silking at this juncture. Corn in the milk stage is at 78 percent as 60 percent of the crop is doughing. Thirty-eight percent of corn is in the dent stage. Seventy-six percent of soybeans are blooming with 60 percent setting pods. Ten percent of soybeans are coloring at this time. The condition of both soybeans and corn remains mostly good despite recent weather events. Seventy-five percent of tobacco is blooming as overall condition is mostly good. There is concern for some as recent wind, flood, and hail damage is being assessed. The excessive moisture has opened the door for disease as producers closely monitor their fields. Topping is 38 percent complete. As mentioned above, cutting has started with 5 percent of the crop harvested.

Pasture condition is mostly good and holding steady. Recent rain has helped at times, but torrential downpours have damaged some pasture ground as livestock roam.

SOIL MOISTURE for week ending 08/13/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	15	72	11
Subsoil	2	16	72	10



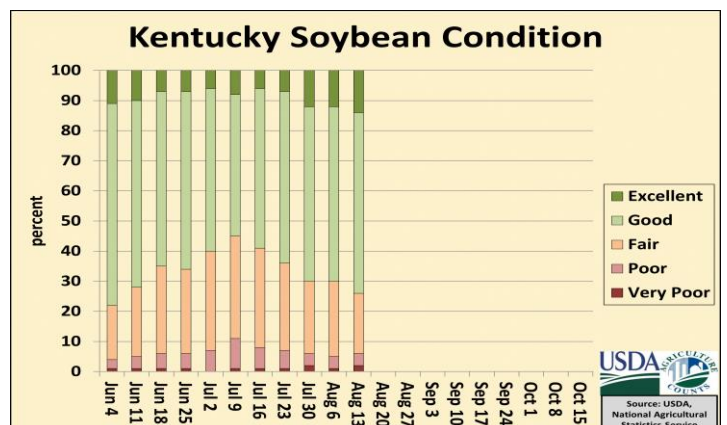
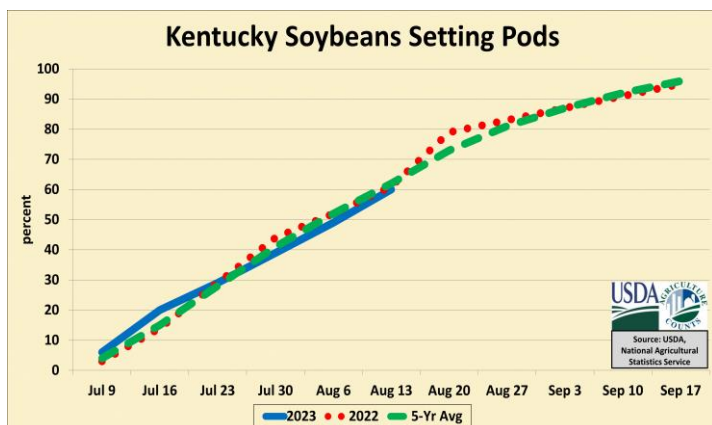
CROP PROGRESS for week ending 08/13/23

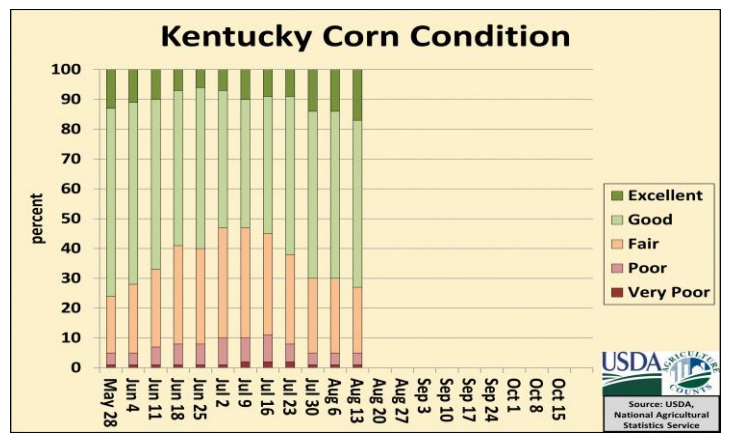
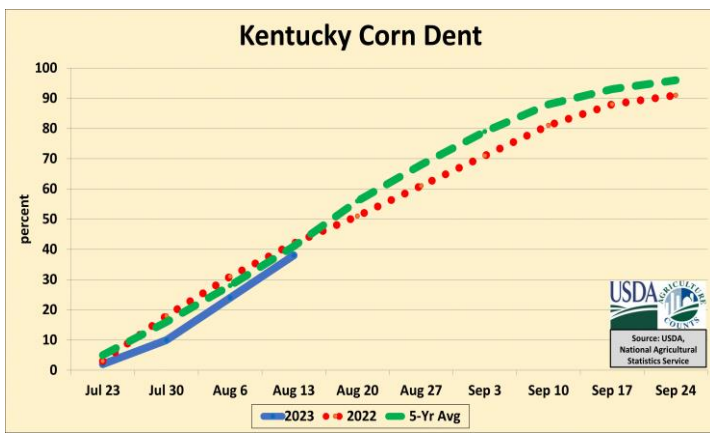
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	91	89	95	95
Corn Milked	78	66	79	81
Corn Dough	60	47	62	63
Corn Dent	38	24	42	41
Soybeans Blooming	76	67	81	82
Soybeans Setting Pods	60	49	61	62
Soybeans Coloring	10	2	7	6
Tobacco Blooming	75	61	77	79
Tobacco Topped	55	38	52	58
Tobacco Cut	5	-1	-1	-1

CROP CONDITIONS for week ending 08/13/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	22	56	17
Pasture	2	7	22	59	10
Soybeans	2	4	20	60	14
Tobacco Set	3	7	18	65	7

- Represents not available.





**Kentucky Climate Summary
For the Period August 7, 2023 to August 13, 2023**

Below Normal Temperatures and Above Normal Rainfall:

The Bluegrass State saw yet another active pattern with multiple opportunities for rainfall. Overall, the state averaged 1.38 inches for the week. Just about everyone saw at least a half inch. Looking back over the past 30 days, data from the Ag Weather Center shows the state has averaged 5.40 inches, which is about an inch above normal. That average increases to almost 7.5 for Western KY, alone. Storms were occasionally strong to severe at times. Heavy rain was the main issue, but there were two weak tornadoes confirmed in Hickman County on Saturday. While temperatures ran below normal for the week, elevated dew points led to a very humid feel to the air.

Temperatures for the period averaged 75 degrees across the state which was 2 degrees cooler than normal and no change to the previous period. High temperatures averaged from 83 in the West to 82 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 68 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at LEXINGTON APT and the extreme low was 54 degrees at SOMERSET AWOS.

Precipitation (liq. equ.) for the period totaled 1.38 inches statewide which was 0.52 inches above normal and 161% of normal. Precipitation totals by climate division, West 1.51 inches, Central 1.25 inches, Bluegrass 1.20 inches and East 1.56 inches, which was 0.73, 0.41, 0.38 and 0.57 inches above normal. By station, precipitation totals ranged from a low of 0.00 inches at TRIANGLE MOUNTAIN to a high of 3.37 inches at MURRAY 1W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/13/23 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)	1.30	23.78	10.32	3.27	6.57	87	62	74	-3	173	2568	-248
Christian	Hopkinsville(M)	1.64	20.20	7.50	-1.00	3.37	87	61	74	-3	173	2591	-232
Daviess	Owensboro(AP)	0.40	14.06	1.97	-5.00	-1.02	88	64	76	0	185	2732	6
Fulton	Hickman(M)	2.25	28.71	17.21	8.43	13.79	89	64	75	-3	179	2813	-121
Marshall	Benton(M)	1.52	19.09	9.02	-4.01	5.04	88	64	75	-3	179	2675	-220
McCracken	Paducah(AP)	0.84	24.10	13.84	3.82	10.42	89	64	77	-1	191	2958	24
McLean	Calhoun(M)	0.41	20.32	2.86	-1.13	-0.60	87	63	74	-4	172	2508	-489
Todd	Elkton(M)	3.19	20.42	8.43	-0.78	4.30	87	62	75	-2	176	2559	-264
Union	Morganfield(M)	0.82	15.57	3.80	-3.49	0.81	89	62	75	-1	180	2679	-47
Central KY													
Barren	Glasgow(M)	1.74	19.05	4.41	-2.88	0.18	87	63	75	-1	176	2458	-199
Breckinridge	Hardinsburg(M)	0.66	17.32	3.28	-4.33	0.00	87	63	74	-2	174	2430	-191
Clinton	Albany(M)	1.28	18.81	5.19	-3.62	1.01	88	60	74	0	172	2326	-30
Hardin	Elizabethtown(M)	1.24	19.29	3.74	-2.36	0.46	88	61	74	-2	170	2404	-217
Hart	Munfordville(M)	1.35	20.94	4.88	-0.48	1.01	88	64	75	-3	179	2436	-558
Jefferson	Louisville(AP)	1.54	17.02	2.93	-2.98	-0.78	91	67	79	0	206	2893	-51
Taylor	Campbellsville(M)	1.18	15.83	3.42	-5.38	-0.32	88	61	74	-1	174	2344	-227
Warren	Bowling_Green(AP)	2.30	17.20	4.47	-2.95	1.07	90	66	79	0	200	2852	-62
Bluegrass													
Boone	Cinci./NKY(AP)	0.68	17.68	7.27	-1.64	3.88	89	62	74	-1	169	2361	-24
Boyle	Danville(M)	0.47	14.69	3.44	-6.92	-0.49	88	63	75	0	176	2290	-185
Fayette	Lexington(AP)	0.21	17.75	3.25	-3.93	-1.03	91	66	78	2	193	2604	70
Franklin	Frankfort(M)	0.44	16.86	3.15	-3.28	-0.57	88	63	75	-1	175	2255	-333
Madison	Richmond(M)	2.07	17.87	4.40	-3.74	0.47	88	62	75	0	175	2229	-246
Mason	Maysville(M)	1.96	15.02	5.16	-5.66	0.98	87	62	74	0	168	2187	-142
Eastern KY													
Breathitt	Jackson(AP)	2.26	19.73	5.67	-2.35	1.18	85	64	75	0	173	2485	-54
Harlan	Harlan(M)	2.48	18.20	4.33	-3.70	-0.35	74	56	64	-10	102	1353	-1090
Lawrence	Louisa(M)	0.82	14.31	2.70	-5.59	-1.42	91	62	76	1	183	2377	26
Pike	Pikeville(M)	1.43	19.50	5.20	-0.40	1.08	79	59	69	-5	137	1926	-425
Pulaski	Somerset(M)	2.24	16.03	4.33	-5.58	0.40	88	60	73	-1	167	2225	-250
Rowan	Morehead(M)	0.77	16.87	2.69	-5.53	-1.94	89	61	74	0	170	2144	-154

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.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