



# 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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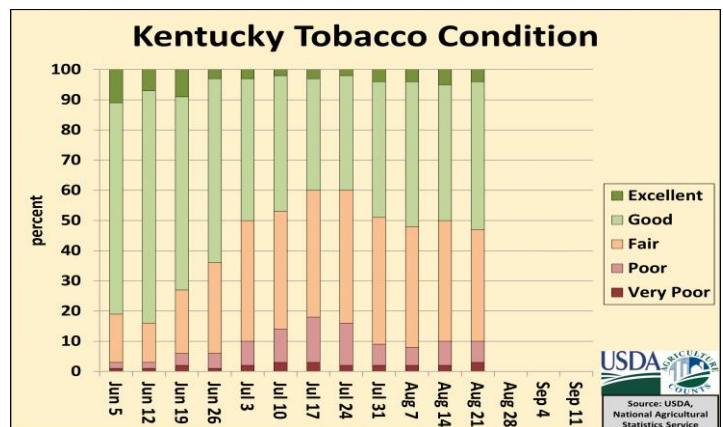
**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.44 inches, 0.42 inches below normal. Temperatures averaged 73 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 77 percent adequate, and 11 percent surplus. **Subsoil moisture** was rated 2 percent very short, 13 percent short, 76 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 5.8 out of a possible seven.

Primary activities for this week included cutting hay along with cutting and topping tobacco. Mild temperatures to start the week gave way to a warm up that brought scattered rain. Precipitation amounts varied greatly with some flood in the central part of the state. Even with the rainfall, farmers were able to forge ahead in the fields. Eighty-nine percent of the corn crop is in the milk stage while 71 percent of the crop is doughing. Fifty-four percent of corn is denting at this juncture with 2 percent of the crop mature. Corn condition remains fairly steady following drought earlier in the season. Ninety percent of soybeans are blooming with 74 percent of the crop setting pods. Sixteen percent of the beans in the state are coloring. Soybean condition continues to be mostly fair overall. Tobacco is 87 percent blooming at this time as 66 percent of the crop has been topped. The tobacco harvest is just getting underway with 19 percent of the crop cut. The condition of tobacco remains mostly good.

Pastures have improved across the state with the help of recent rain and cooler temperatures. Despite scattered rain, a good deal of hay is being harvested as farmers look to stock up for the winter months.

**SOIL MOISTURE for week ending 08/21/22**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	11	77	11
Subsoil	2	13	76	9



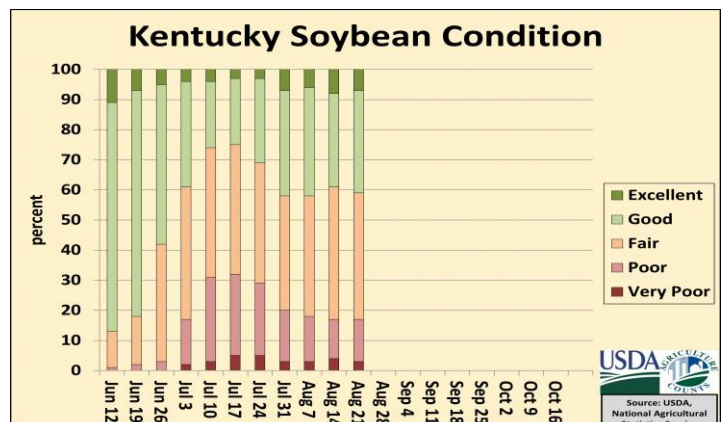
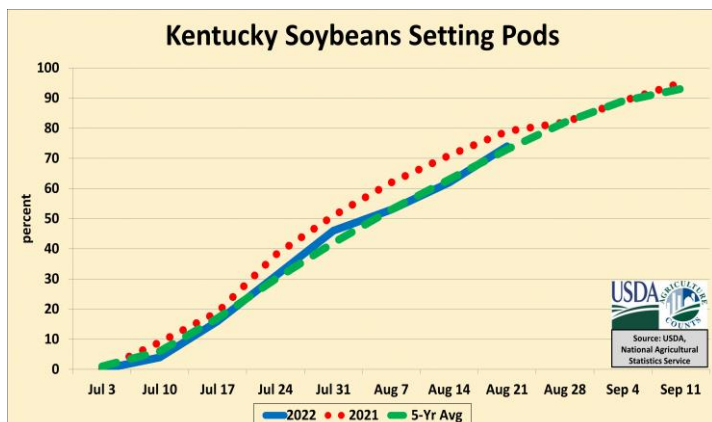
**CROP PROGRESS for week ending 08/21/22**

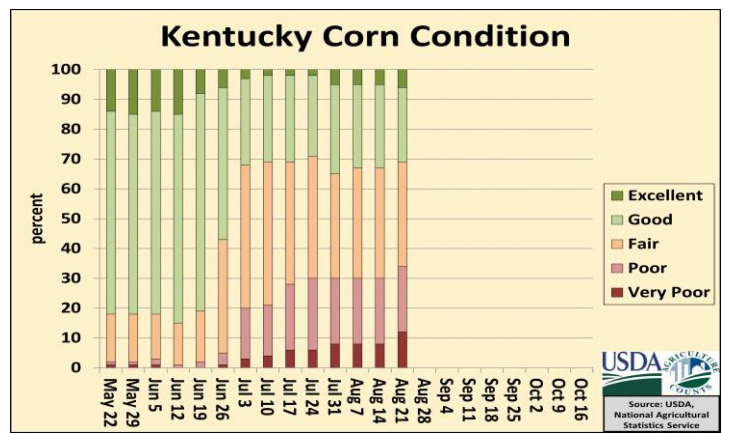
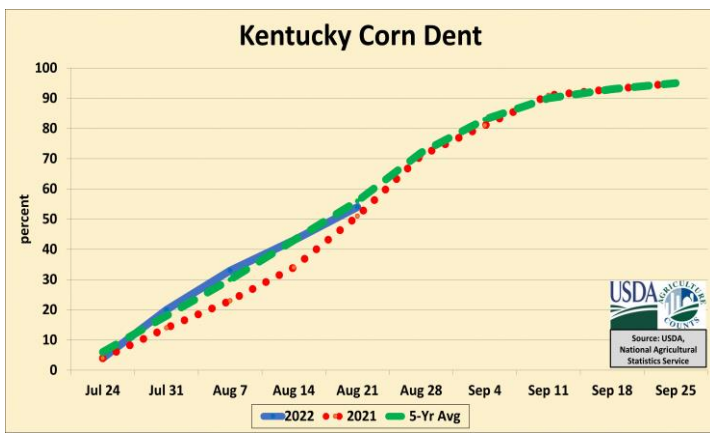
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	89	80	87	89
Corn Dough	71	63	69	76
Corn Dent	54	43	51	56
Corn Mature	13	-1	19	22
Soybeans Blooming	90	82	89	87
Soybeans Setting Pods	74	62	79	73
Soybeans Coloring	16	8	13	13
Tobacco Blooming	87	78	88	88
Tobacco Topped	66	53	73	73
Tobacco Cut	19	6	21	21

**CROP CONDITIONS for week ending 08/21/22**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	12	22	35	25	6
Pasture	3	9	35	44	9
Soybeans	3	14	42	34	7
Tobacco Set	3	7	37	49	4

-1 Represents not available.





**Kentucky Climate Summary  
For the Period August 15, 2022 to August 21, 2022**

Below Normal Temperatures and Rainfall:

Below normal temperatures and low humidity were the common theme over the first half of the week with northerly flow and stubborn cloud cover in place. Highs struggled in the upper 70s to middle 80s for most. Temperatures returned to seasonable levels over the second half, along with rain returning to the region. Coverage was sparse through Saturday, before increasing on Sunday. Some storms led to bouts of heavy rainfall and localized flooding across Central KY. Outside of Central KY though, significant accumulations were hit and miss. Overall, the state only averaged 0.44 inches for the week.

Temperatures for the period averaged 73 degrees across the state which was 2 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 83 in the West to 81 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 65 degrees in the West to 64 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 90 degrees at BOWLING GREEN APT and the extreme low was 55 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 0.44 inches statewide which was 0.42 inches below normal and 51% of normal. Precipitation totals by climate division, West 0.37 inches, Central 0.80 inches, Bluegrass 0.38 inches and East 0.20 inches, which was 0.41, 0.06, 0.49 and 0.73 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BOONEVILLE 2S to a high of 2.50 inches at COLUMBIA 3N.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/21/22 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
<b>Western KY</b>													
Caldwell	Princeton(M)	0.04	21.77	7.66	0.34	4.14	86	61	73	-3	161	3025	-10
Christian	Hopkinsville(M)	0.26	24.29	5.64	1.97	1.63	86	61	73	-4	164	3026	-20
Daviess	Owensboro(AP)	0.48	14.62	5.90	-5.18	3.17	88	61	75	0	176	3172	234
Fulton	Hickman(M)	0.56	22.62	3.96	1.57	0.87	87	61	73	-4	167	3191	31
Marshall	Benton(M)	0.28	23.37	6.25	-0.63	2.54	87	61	73	-4	167	3098	-23
McCracken	Paducah(AP)	1.06	19.94	2.74	-1.11	-0.35	89	60	76	-1	179	3347	187
McLean	Calhoun(M)	0.24	21.45	8.82	-0.67	5.93	86	59	72	-6	158	2874	-351
Todd	Elkton(M)	0.29	22.32	8.07	0.00	4.06	88	58	73	-4	162	3047	1
Union	Morganfield(M)	0.00	18.34	6.19	-1.46	3.46	88	59	74	-1	169	3045	107
<b>Central KY</b>													
Barren	Glasgow(M)	0.83	22.14	6.01	-0.70	2.22	87	60	73	-3	161	2962	92
Breckinridge	Hardinsburg(M)	0.91	25.08	11.71	2.62	8.68	85	58	73	-3	161	2893	59
Clinton	Albany(M)	0.45	24.88	4.99	1.37	1.00	85	58	72	-1	154	2838	289
Hardin	Elizabethtown(M)	1.99	18.95	4.28	-3.51	1.25	86	58	72	-4	155	2850	16
Hart	Munfordville(M)	2.00	16.80	5.99	-5.60	2.42	85	60	72	-5	160	2914	-308
Jefferson	Louisville(AP)	0.65	19.04	6.63	-1.91	3.02	89	65	77	-1	191	3371	195
Taylor	Campbellsville(M)	0.60	17.86	5.53	-4.29	2.03	85	58	71	-3	151	2852	77
Warren	Bowling_Green(AP)	0.00	19.14	3.94	-2.07	0.51	90	63	77	-1	187	3383	241
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.68	26.32	8.58	6.12	5.28	86	62	74	0	165	2849	264
Boyle	Danville(M)	0.24	19.85	5.57	-2.65	2.04	85	57	71	-2	152	2818	148
Fayette	Lexington(AP)	0.26	19.21	6.33	-3.39	2.51	89	59	74	-1	168	3062	322
Franklin	Frankfort(M)	0.12	20.97	5.17	0.08	1.97	86	58	71	-4	152	2737	-61
Madison	Richmond(M)	0.06	20.26	5.86	-2.24	2.33	86	57	70	-3	146	2713	43
Mason	Maysville(M)	0.41	21.36	5.63	-0.13	2.06	86	58	72	-2	155	2661	133
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.11	28.48	13.30	5.32	9.05	87	61	73	-1	160	2927	189
Harlan	Harlan(M)	0.38	29.81	10.32	6.75	5.80	72	54	63	-11	93	1727	-914
Lawrence	Louisa(M)	0.61	22.13	4.87	1.34	1.18	87	61	73	-1	162	2777	229
Pike	Pikeville(M)	0.75	31.35	13.47	10.56	9.78	77	60	67	-7	125	2313	-235
Pulaski	Somerset(M)	0.27	24.01	7.54	1.51	4.01	84	55	70	-3	141	2713	43
Rowan	Morehead(M)	0.00	24.58	7.71	1.23	3.69	84	58	71	-2	147	2566	77

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