



# 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  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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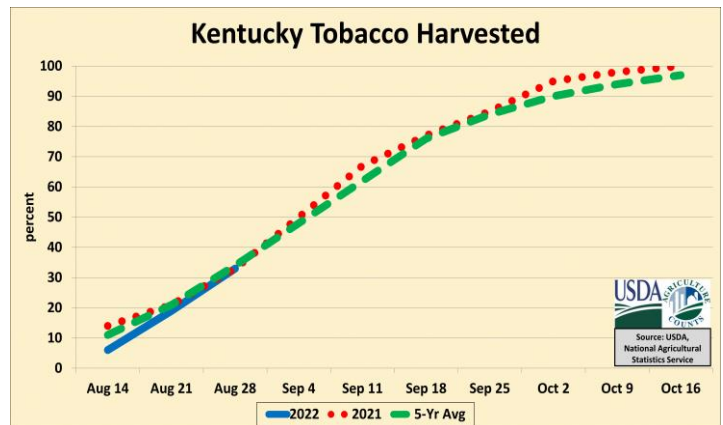
**Agricultural News:** Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.12 inches, 0.66 inches below normal. Temperatures averaged 75 degrees for the week, near normal. **Topsoil moisture** was rated 4 percent very short, 23 percent short, 68 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 3 percent very short, 20 percent short, 73 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 6.4 out of a possible seven.

Primary activities for this week included cutting hay along with cutting and topping tobacco. Mostly dry weather across the state allowed farmers to make strong progress. There were some scattered showers, but they were not widespread. Ninety-five percent of corn is in the milk stage while 81 percent of the crop is doughing. Sixty-nine percent of corn is denting at this juncture with 22 percent of the crop mature. The corn harvest has begun and will pick up pace in the coming weeks. Corn condition remains fairly steady following drought earlier in the season. Ninety-five percent of soybeans are blooming with 84 percent of the crop setting pods. Twenty-five percent of the beans in the state are coloring. Four percent of beans are now dropping leaves. Soybean condition continues to be mostly fair overall. Tobacco is 95 percent blooming at this time as 84 percent of the crop has been topped. The tobacco harvest is 33 percent complete. The condition of tobacco remains mostly good.

Pastures remain mostly good, however overall condition has deteriorated slightly as the ground is drying out once again. The condition of harvested hay is mostly good, but there are many reports of low yields. There is some concern for hay stocks looking ahead to the winter months. Some producers have decreased herds in anticipation of a hay shortage. These poor yields are not statewide as some areas have received the necessary rain and have produced very good yields.

**SOIL MOISTURE for week ending 08/28/22**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	4	23	68	5
Subsoil	3	20	73	4



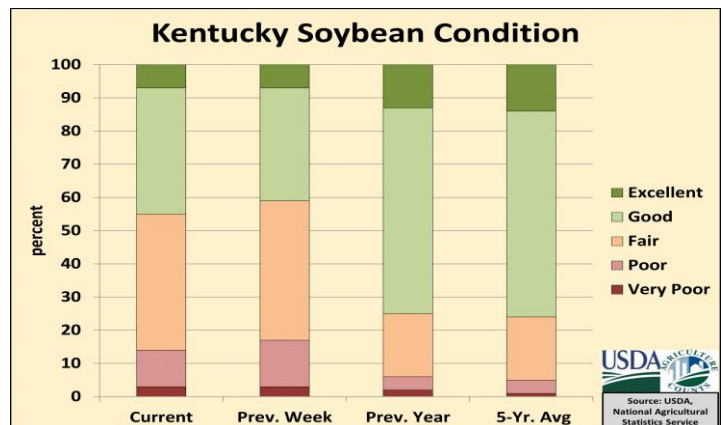
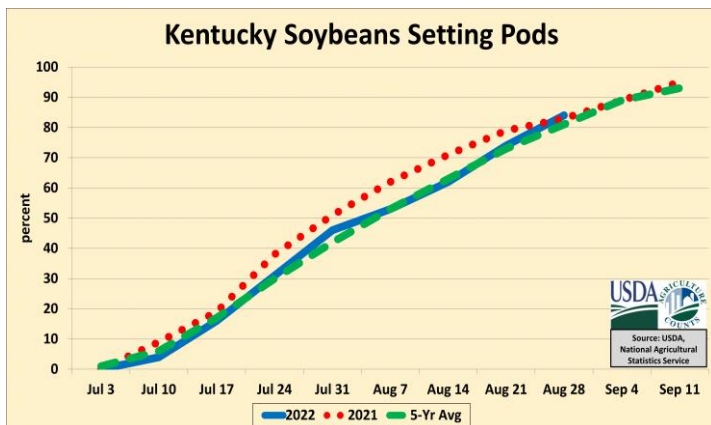
**CROP PROGRESS for week ending 08/28/22**

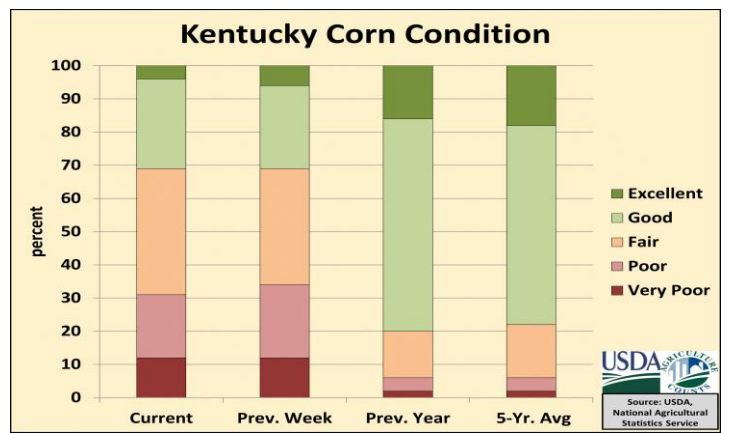
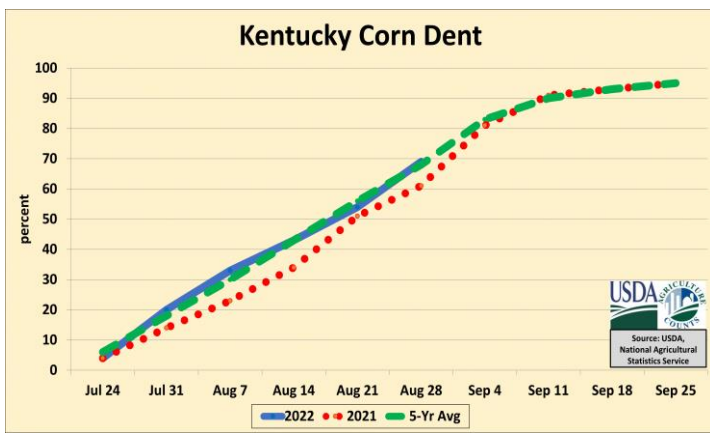
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	95	89	94	94
Corn Dough	81	71	77	84
Corn Dent	69	54	61	68
Corn Mature	22	13	29	37
Corn Harvested	1	-1	1	3
Soybeans Blooming	95	90	94	93
Soybeans Setting Pods	84	74	83	81
Soybeans Coloring	25	16	20	20
Soybeans Dropping Leaves	4	-1	5	4
Tobacco Blooming	95	87	94	93
Tobacco Topped	84	66	81	81
Tobacco Cut	33	19	33	34

**CROP CONDITIONS for week ending 08/28/22**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	12	19	38	27	4
Hay	1	5	33	51	10
Pasture	3	10	36	43	8
Soybeans	3	11	41	38	7
Tobacco Set	3	7	32	52	6

- Represents not available.





**Kentucky Climate Summary**  
**For the Period August 22, 2022 to August 28, 2022**

Near Normal Temperatures and Below Normal Rainfall:

Following a wet first half of August, rain has started running scarce over the second half of the week, most ran dry for the period. This marked a second straight week of below normal rainfall. Over that 14-day period, data at the Ag Weather Center shows the state has only averaged 0.57 inches, which is about an inch below normal. Outside of precipitation, summer heat slowly returned to the area. The heat peaked over the weekend when highs on Sunday jumped into the upper 80s to middle 90s. Dewpoints in the 70s led to a very humid feel to the air and pushed heat indices around 100 for some across the state.

Temperatures for the period averaged 75 degrees across the state which was near normal and 2 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 85 in the East. Departure from normal high temperatures ranged from near normal in the West to near normal in the East. Low temperatures averaged from 64 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 96 degrees at BOWLING GREEN APT and the extreme low was 55 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.12 inches statewide which was 0.66 inches below normal and 15% of normal. Precipitation totals by climate division, West 0.09 inches, Central 0.12 inches, Bluegrass 0.11 inches and East 0.16 inches, which was 0.62, 0.68, 0.67 and 0.68 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 1.67 inches at SCOTTSVILLE 2W.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 08/28/22 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)	0.00	21.77	5.78	-0.38	2.55	91	59	75	0	179	3204	-16
Christian	Hopkinsville(M)	0.09	24.38	3.93	1.15	0.02	93	62	76	0	188	3215	-21
Daviess	Owensboro(AP)	0.33	14.95	2.48	-5.51	-0.13	92	61	77	2	192	3364	248
Fulton	Hickman(M)	0.04	22.66	2.94	0.97	0.10	91	61	76	0	182	3373	23
Marshall	Benton(M)	0.03	23.40	4.31	-1.28	1.01	93	62	77	0	190	3288	-23
McCracken	Paducah(AP)	0.00	19.94	1.27	-1.75	-1.57	95	61	78	1	198	3545	195
McLean	Calhoun(M)	0.00	21.45	3.26	-1.23	0.81	90	59	74	-3	168	3042	-377
Todd	Elkton(M)	0.02	22.34	5.35	-0.89	1.44	92	59	76	0	182	3229	-7
Union	Morganfield(M)	0.00	18.34	2.82	-2.12	0.21	94	60	77	2	189	3234	118
<b>Central KY</b>													
Barren	Glasgow(M)	0.00	22.14	3.84	-1.44	0.43	91	61	75	0	179	3141	91
Breckinridge	Hardinsburg(M)	0.00	25.08	4.48	1.88	1.56	90	60	74	-1	172	3065	51
Clinton	Albany(M)	0.07	24.95	2.31	0.54	-1.51	90	59	74	1	173	3011	300
Hardin	Elizabethtown(M)	0.00	18.95	2.38	-4.25	-0.54	89	59	73	-2	165	3016	2
Hart	Munfordville(M)	0.00	16.80	3.97	-6.50	0.52	90	60	74	-3	173	3087	-329
Jefferson	Louisville(AP)	0.20	19.24	3.09	-2.47	-0.32	92	65	78	0	198	3568	195
Taylor	Campbellsville(M)	0.00	17.86	2.33	-5.09	-0.97	91	59	74	0	169	3022	75
Warren	Bowling_Green(AP)	0.00	19.14	1.04	-3.00	-2.47	96	63	79	2	202	3585	250
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.02	26.34	7.08	5.43	3.95	91	59	74	0	169	3018	265
Boyle	Danville(M)	0.00	19.85	2.14	-3.42	-1.12	91	58	74	0	168	2986	150
Fayette	Lexington(AP)	0.00	19.21	3.10	-4.13	-0.30	93	60	76	1	185	3247	332
Franklin	Frankfort(M)	0.04	21.01	2.66	-0.54	-0.21	92	58	73	-1	165	2903	-71
Madison	Richmond(M)	0.00	20.26	3.12	-3.01	-0.14	93	57	73	0	162	2876	40
Mason	Maysville(M)	0.04	21.40	3.73	-0.77	0.66	92	58	73	0	164	2825	129
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.30	28.78	3.71	4.78	-0.23	92	61	76	2	180	3107	199
Harlan	Harlan(M)	0.23	30.04	3.74	6.16	-0.38	90	56	67	-6	122	1850	-959
Lawrence	Louisa(M)	0.06	22.19	2.32	0.65	-1.00	93	62	75	1	178	2955	241
Pike	Pikeville(M)	0.03	31.38	5.56	9.84	2.24	82	61	71	-2	147	2460	-255
Pulaski	Somerset(M)	0.00	24.01	3.17	0.74	-0.09	89	56	72	-1	159	2872	36
Rowan	Morehead(M)	0.02	24.60	4.30	0.48	0.77	90	59	72	0	159	2725	75

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)