



# 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: nassrfoemr@nass.usda.gov

**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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Kentucky Department of Agriculture  
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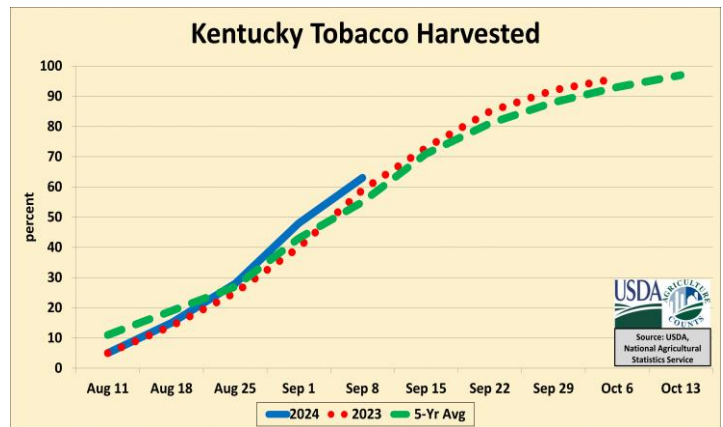
**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.21 inches, 0.57 inches below normal. Temperatures averaged 69 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 28 percent very short, 44 percent short, 27 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 21 percent very short, 50 percent short, 28 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities for this week included harvesting corn along with topping and cutting tobacco. Cooler temperatures prevailed across the state for most of the week as scattered precipitation moved in by the weekend. Some areas received a fair amount of rain while others were missed entirely. Even with some scattered rain, deficits continue to grow. There is a growing concern for yields in the driest regions as crops are showing stress. Late season soybeans have been particularly susceptible due to their developmental stage. The corn harvest has begun in earnest and pushes ahead steadily. The soybean harvest is underway, however only 3 percent of the crop is out of the fields at this juncture. Despite drought, corn and soybean conditions remain mostly good overall. With conducive weather, tobacco cut increased substantially from last week. Tobacco remaining in the field continues to be in mostly good condition. Housed tobacco is in mostly fair condition as producers need improved curing conditions.

Pasture condition has declined with increased drought cited. Many pastures are in dire need of rain for regrowth as farmers supplement with hay.

**SOIL MOISTURE for week ending 09/08/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	28	44	27	1
Subsoil	21	50	28	1



**CROP PROGRESS for week ending 09/08/24**

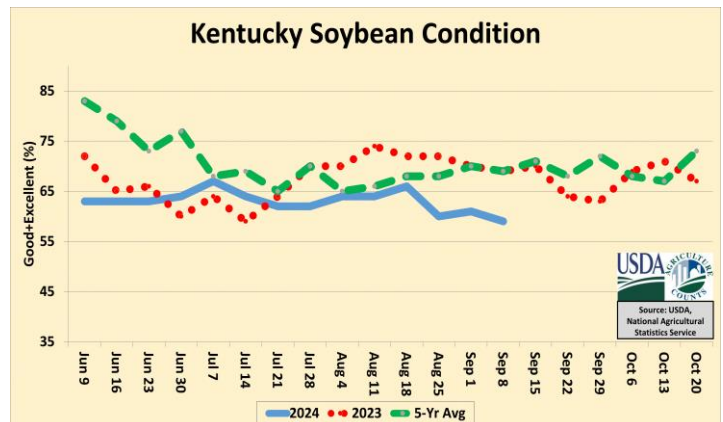
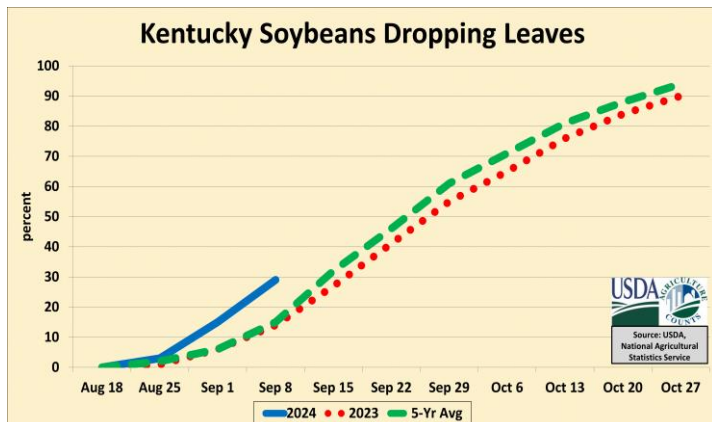
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	95	90	94	92
Corn Dent	88	80	80	81
Corn Mature	67	50	46	52
Corn Harvested	22	11	7	9
Soybeans Setting Pods	95	91	92	90
Soybeans Coloring	59	45	38	37
Soybeans Dropping Leaves	29	15	14	15
Soybeans Harvested	3	-1	1	1
Tobacco Topped	96	87	93	92
Tobacco Cut	63	48	59	55

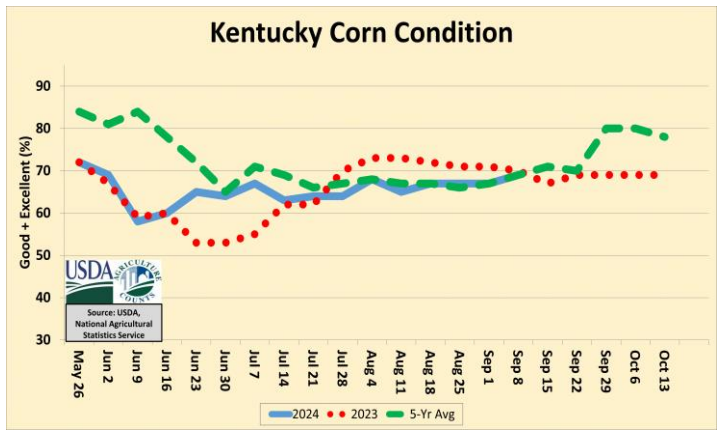
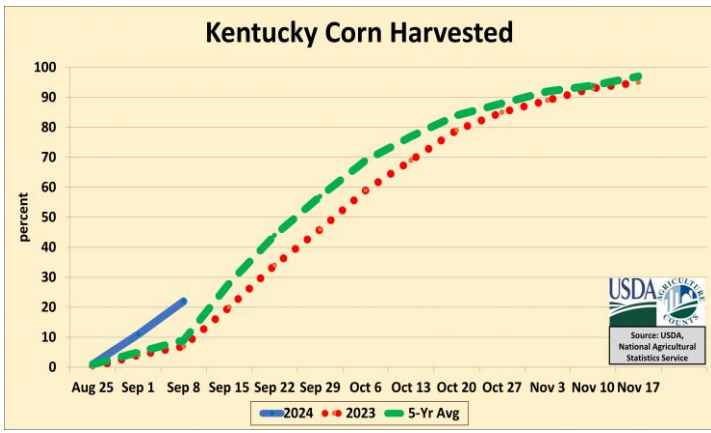
-1 Represents not available.

**CROP CONDITIONS for week ending 09/08/24**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	8	21	56	13
Pasture	7	17	34	38	4
Soybeans	2	8	31	49	10
Tobacco Set	1	5	30	60	4
Tobacco Housed	-	-	50	30	20

- Represents zero.





**Kentucky Climate Summary**  
**For the Period September 2, 2024 to September 8, 2024**

Below Normal Temperatures and Rainfall:

The workweek opened with breezy northeasterly flow ushering cooler temperatures and lower humidity into the area behind a cold front. Highs only reached the upper 70s to low 80s on Monday and Tuesday, slightly below normal for this time of year. Heat returned for a few days before another cold front moved through Kentucky on Friday. This boundary triggered scattered showers and storms. While some areas saw no accumulation, others recorded over half an inch. However, these totals were far and few between as deficits continue to grow across the state. Many locations west of I-75 are running 2-3 inches below normal over the past 30 days. According to the latest update from the U.S. Drought Monitor, about a third of the state is now considered in moderate drought, while another 40% is deemed abnormally dry. The number of county burn bans continues to rise. Unseasonably cool weather returned for the weekend, with lows on Sunday morning dipping well into the 40s. The Kentucky Mesonet station in Brandenburg even dropped to 38 degrees.

Temperatures for the period averaged 69 degrees across the state which was 4 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 84 in the West to 78 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 59 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. The extreme high temperature for the period was 101 degrees at ELKTON SSW and the extreme low was 38 degrees at BRANDENBURG 4S

Precipitation (liq. equ.) for the period totaled 0.21 inches statewide which was 0.57 inches below normal and 27% of normal. Precipitation totals by climate division, West 0.09 inches, Central 0.22 inches, Bluegrass 0.37 inches and East 0.18 inches, which was 0.64, 0.64, 0.38 and 0.59 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BENTON 4N to a high of 1.81 inches at WINCHESTER 3NW.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 09/08/24 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	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>													
Caldwell	Princeton(M)	0.00	20.69	0.29	-2.49	-2.61	93	48	71	-2	147	3553	62
Christian	Hopkinsville(M)	0.45	24.17	1.24	-0.25	-2.25	91	46	70	-4	144	3560	46
Daviess	Owensboro(AP)	0.02	19.62	0.68	-1.96	-2.03	93	53	72	0	156	3747	371
Fulton	Hickman(M)	0.00	24.22	0.64	1.47	-2.04	90	46	70	-4	145	3737	111
Marshall	Benton(M)	0.00	25.88	1.15	0.02	-1.85	93	48	71	-3	152	3630	40
McCracken	Paducah(AP)	0.00	23.92	1.17	1.17	-1.51	93	46	72	-2	156	3921	295
McLean	Calhoun(M)	0.24	28.46	0.48	4.75	-1.95	91	44	69	-5	135	3422	-282
Todd	Elkton(M)	0.09	28.62	1.06	4.20	-2.43	101	46	71	-3	151	3460	-54
Union	Morganfield(M)	0.00	22.98	0.21	1.40	-2.50	94	46	71	-1	149	3606	230
<b>Central KY</b>													
Barren	Glasgow(M)	0.69	29.39	1.83	4.64	-1.24	90	46	69	-4	138	3424	110
Breckinridge	Hardinsburg(M)	0.11	26.89	1.55	2.53	-1.37	90	44	69	-3	133	3363	86
Clinton	Albany(M)	0.05	25.90	1.08	-0.07	-2.72	88	48	69	-1	133	3350	405
Hardin	Elizabethtown(M)	0.12	21.16	0.96	-3.20	-1.96	91	48	68	-4	132	3354	77
Hart	Munfordville(M)	0.32	25.84	2.78	1.09	-0.78	89	47	68	-7	130	3367	-336
Jefferson	Louisville(AP)	0.08	19.83	0.31	-3.00	-2.77	94	50	74	-1	167	4014	353
Taylor	Campbellsville(M)	0.02	24.38	1.21	0.09	-2.10	90	46	69	-3	134	3347	147
Warren	Bowling_Green(AP)	0.00	25.28	1.48	1.77	-2.12	94	49	73	-1	160	3927	313
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.07	17.03	1.36	-4.96	-1.53	93	47	70	-1	140	3416	418
Boyle	Danville(M)	0.35	20.56	2.08	-4.06	-1.16	89	42	68	-3	126	3309	229
Fayette	Spindletop(M)	0.00	21.50	4.67	-3.00	1.61	87	49	68	-4	131	3348	180
Franklin	Frankfort(M)	0.22	19.75	1.57	-2.87	-1.10	91	43	68	-4	131	3314	85
Madison	Richmond(M)	0.48	20.91	2.95	-3.71	-0.29	89	41	65	-6	107	3181	101
Mason	Maysville(M)	0.34	19.73	4.96	-3.63	2.07	88	43	66	-5	112	3222	279
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.20	19.50	2.71	-5.68	-0.67	87	48	68	-3	129	3475	318
Harlan	Harlan(M)	0.12	20.12	1.73	-4.86	-1.65	74	41	59	-12	65	2105	-950
Lawrence	Louisa(M)	0.00	15.85	1.25	-6.90	-1.84	92	42	66	-4	117	3382	427
Pike	Pikeville(M)	0.19	19.85	2.51	-2.90	-0.58	80	45	63	-7	94	2808	-147
Pulaski	Somerset(M)	0.00	29.14	3.59	4.52	0.35	86	42	65	-6	109	3122	42
Rowan	Morehead(M)	0.75	26.22	3.97	0.74	0.64	87	42	64	-6	101	3025	141

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)