



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

Released: September 25, 2023

Issue: 30-23

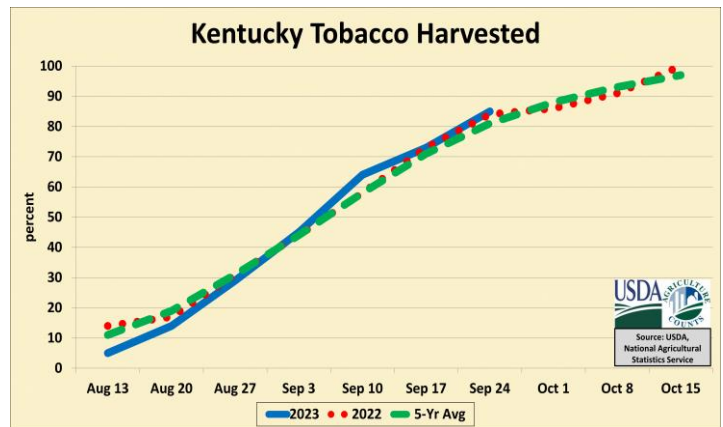
**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.04 inches, 0.78 inches below normal. Temperatures averaged 67 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 18 percent very short, 34 percent short, 46 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 13 percent very short, 35 percent short, 50 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.6 out of a possible seven.

Primary activities for this week included cutting tobacco along with harvesting corn and soybeans. Conditions are very dry across the state as farmers push ahead in the fields. Ninety-five percent of corn is denting. Seventy-four percent of the crop is mature as 34 percent has been harvested. Sixty-six percent of soybeans are coloring with 41 percent dropping leaves. Fourteen percent of the crop is now harvested. The condition of both soybeans and corn remains mostly good with varied yields thus far. Eighty-five percent of tobacco has been cut. Housed tobacco remains in mostly good condition. Winter wheat seeding has begun with 1 percent in the ground.

Pasture condition is mostly fair to good, however rain is needed for regrowth. The dry conditions have stunted growth for cool season grasses. Overall hay condition is mostly good.

**SOIL MOISTURE for week ending 09/24/23**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	18	34	46	2
Subsoil	13	35	50	2

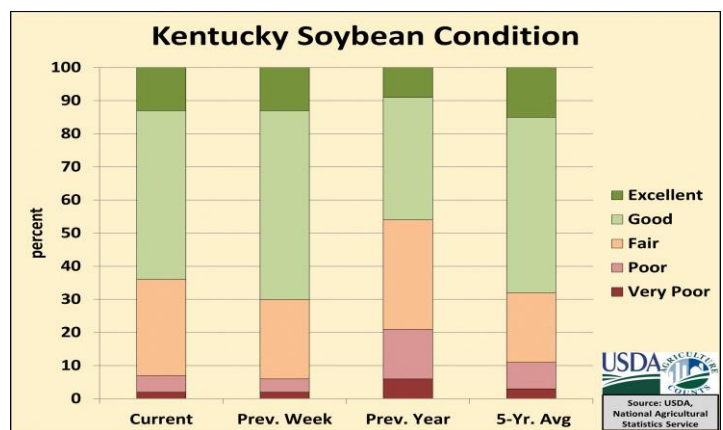
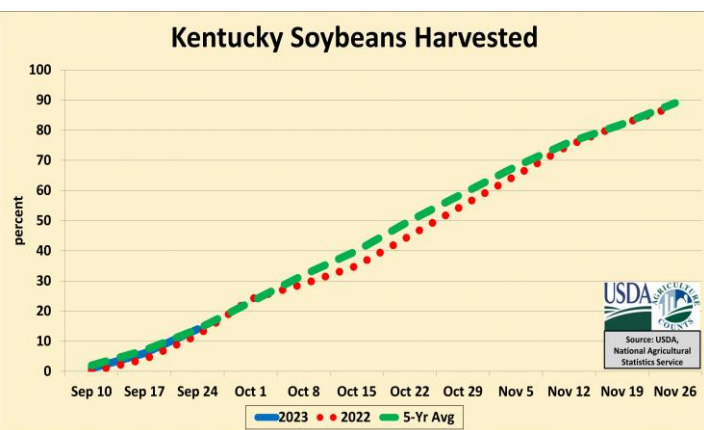


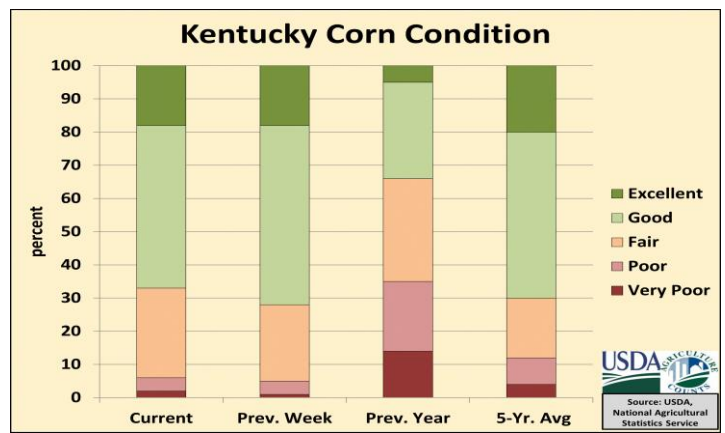
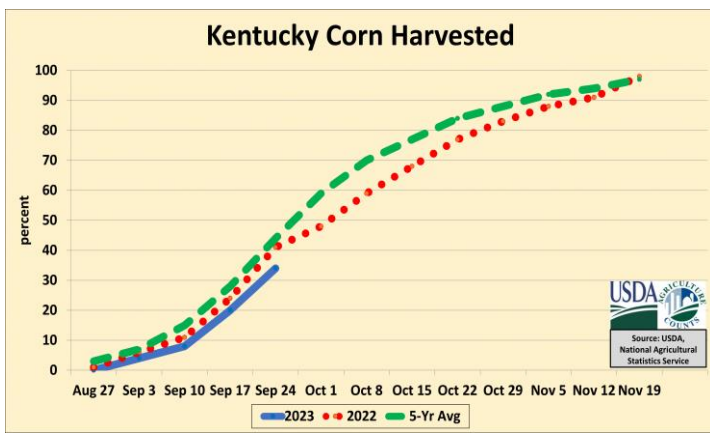
**CROP PROGRESS for week ending 09/24/23**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	95	91	94	95
Corn Mature	74	62	80	84
Corn Harvested	34	20	41	44
Soybeans Coloring	66	55	68	72
Soybeans Dropping Leaves	41	27	44	46
Soybeans Harvested	14	6	12	14
Tobacco Cut	85	73	84	81
Winter Wheat Seeded	1	-	-1	-1

**CROP CONDITIONS for week ending 09/24/23**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	4	27	49	18
Hay	5	9	30	48	8
Pasture	10	19	33	34	4
Soybeans	2	5	29	51	13
Tobacco Housed	4	13	24	53	6





**Kentucky Climate Summary**  
**For the Period September 18, 2023 to September 24, 2023**

Below Normal Temperatures and Rainfall:

The Bluegrass State saw another week of dry conditions. Most didn't record a drop. September is normally one of the driest months of the year in Kentucky, but it's been taken to another level in 2023. Since the start of the month, Kentucky has only averaged 0.85 inches, which is nearly 2 inches below normal. Currently speaking, this would rank in the top-5 driest Septembers on record. Nearly half of Kentucky is now considered abnormally dry in the latest update of the U.S. Drought Monitor as soil moisture and stream flows are going in the wrong direction. Many Mississippi River gauges are also running at or below low water thresholds.

Temperatures for the period averaged 67 degrees across the state which was 1 degree cooler than normal and no change to the previous period. High temperatures averaged from 82 in the West to 77 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 55 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. The extreme high temperature for the period was 89 degrees at LOUISVILLE APT and the extreme low was 42 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.04 inches statewide which was 0.78 inches below normal and 5% of normal. Precipitation totals by climate division, West 0.10 inches, Central 0.01 inches, Bluegrass 0.02 inches and East 0.01 inches, which was 0.7, 0.86, 0.77 and 0.81 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 0.30 inches at MAYFIELD 6SW.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 09/24/23 7 P.M.^**

County	Weather Station	Rainfall			Deviation From		Air Temperatures			
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>										
Caldwell	Princeton(M)	0.07	29.55	1.25	4.61	-1.64	84	49	67	-1
Christian	Hopkinsville(M)	0.00	25.32	3.29	-1.06	0.02	83	53	68	-1
Daviess	Owensboro(AP)	0.02	17.09	0.79	-6.27	-2.21	87	50	70	2
Fulton	Hickman(M)	0.17	30.41	1.09	5.70	-2.02	87	50	69	0
Marshall	Benton(M)	0.07	22.63	0.43	-5.38	-3.00	86	51	69	0
McCracken	Paducah(AP)	0.29	28.80	2.03	4.09	-1.08	88	50	70	1
McLean	Calhoun(M)	0.04	23.32	1.65	-2.27	-1.34	85	47	67	-3
Todd	Elkton(M)	0.00	25.28	2.40	-1.10	-0.87	84	48	67	-2
Union	Morganfield(M)	0.27	19.88	0.37	-3.48	-2.63	87	46	68	0
<b>Central KY</b>										
Barren	Glasgow(M)	0.00	20.54	0.36	-6.14	-2.84	85	48	66	-2
Breckinridge	Hardinsburg(M)	0.00	18.96	0.02	-7.28	-3.12	84	45	65	-2
Clinton	Albany(M)	0.00	20.36	0.61	-8.12	-3.59	83	47	65	0
Hardin	Elizabethtown(M)	0.00	22.22	0.22	-4.02	-2.92	86	45	66	-1
Hart	Munfordville(M)	0.00	23.11	0.43	-3.73	-3.23	83	49	66	-4
Jefferson	Louisville(AP)	0.00	18.79	0.24	-6.08	-3.03	89	55	72	2
Taylor	Campbellsville(M)	0.00	16.72	0.21	-9.70	-3.38	86	47	66	-1
Warren	Bowling_Green(AP)	0.00	20.13	0.64	-5.30	-2.79	87	50	69	0
<b>Bluegrass</b>										
Boone	Cinci./NKY(AP)	0.08	19.20	0.35	-4.49	-2.53	85	48	68	2
Boyle	Danville(M)	0.00	15.78	0.14	-10.96	-3.44	85	47	66	0
Fayette	Lexington(AP)	0.00	19.75	0.39	-6.61	-2.74	88	50	69	2
Franklin	Frankfort(M)	0.00	18.96	0.69	-5.48	-2.30	85	45	65	-1
Madison	Richmond(M)	0.00	20.75	0.67	-5.99	-2.91	84	47	64	-2
Mason	Maysville(M)	0.00	17.20	0.26	-8.07	-2.94	82	44	64	-2
<b>Eastern KY</b>										
Breathitt	Jackson(AP)	0.00	25.22	2.36	-1.80	-0.76	81	53	66	0
Harlan	Harlan(M)	0.00	20.80	2.02	-5.95	-0.95	76	49	59	-7
Lawrence	Louisa(M)	0.00	17.95	2.51	-6.59	-0.60	84	50	66	0
Pike	Pikeville(M)	0.02	23.87	3.12	-0.67	0.01	74	51	61	-4
Pulaski	Somerset(M)	0.00	19.48	2.66	-7.26	-0.92	82	47	64	-2
Rowan	Morehead(M)	0.00	21.08	0.60	-6.52	-2.99	81	48	63	-2

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