



Crop Progress and Condition

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In Cooperation with:

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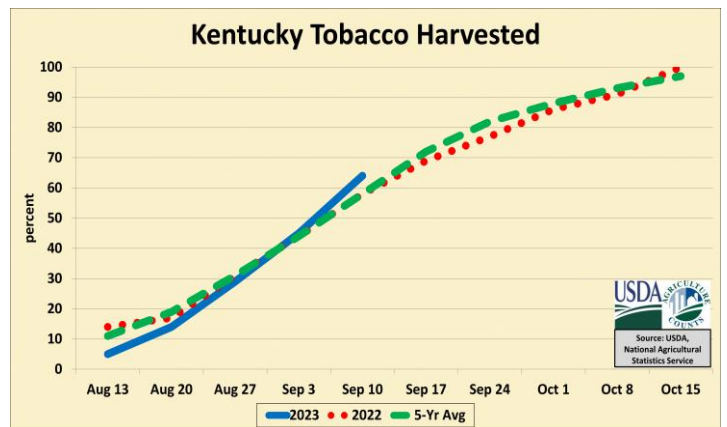
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.39 inches, 0.39 inches below normal. Temperatures averaged 74 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 7 percent very short, 31 percent short, 61 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 4 percent very short, 32 percent short, 63 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.2 out of a possible seven.

Primary activities for this week included topping and cutting tobacco along with harvesting corn. The soybean harvest has begun, but is in the very early stage. Temperatures varied from hot to start the week to milder by the weekend. Precipitation was scattered as several areas have remained very dry while others received substantial rain. In areas with heavy rain, there is concern for disease as the soil is saturated. Even with the variation in weather, progress has been steady in the fields as the harvest ramps up for many. Corn in the dough stage is at 95 percent with 83 percent of the crop denting. Forty-eight percent of corn is mature as 8 percent has been harvested. Ninety-four percent of soybeans are setting pods with 41 percent coloring. Seventeen percent of soybeans are dropping leaves. Just 1 percent of beans have been harvested at this time. The condition of both soybeans and corn remains mostly good. Ninety-five percent of tobacco is topped as overall condition is mostly good. Sixty-four percent of the crop has been cut. Housed tobacco is in mostly good condition.

Pasture condition has declined slightly due to heat and drought. Milder temperatures ahead will be beneficial and ease stress on grazing ground. Hay yields have varied as producers hope for a mild winter to ease concern for stocks.

SOIL MOISTURE for week ending 09/10/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	7	31	61	1
Subsoil	4	32	63	1

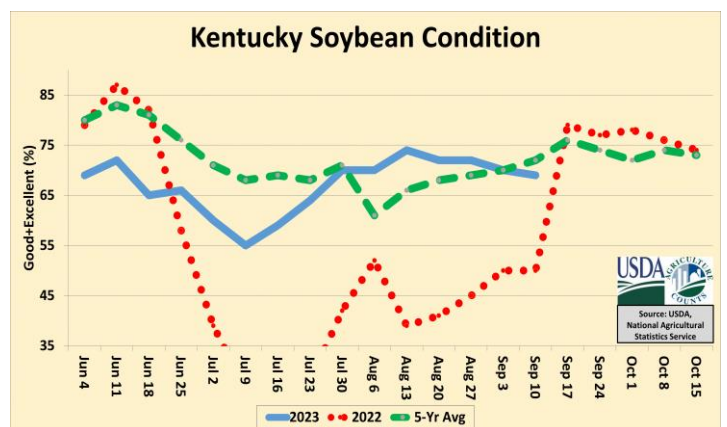
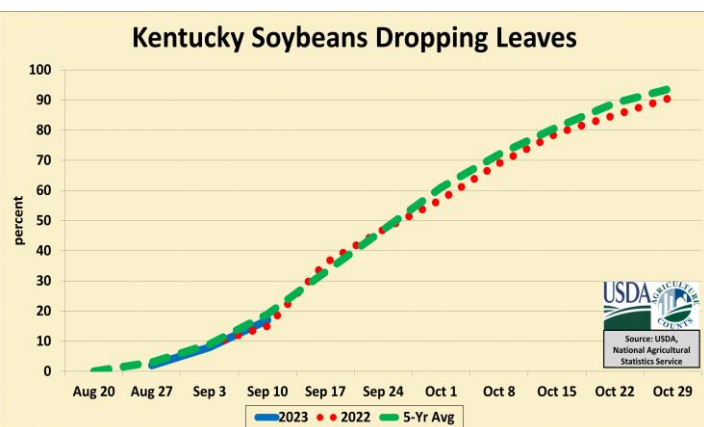


CROP PROGRESS for week ending 09/10/23

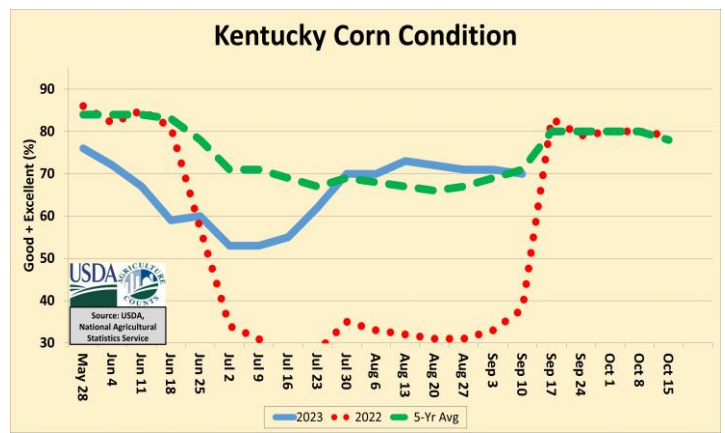
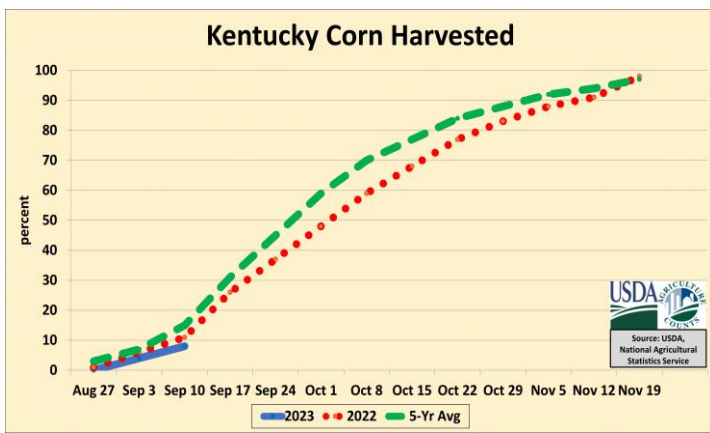
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	95	90	94	94
Corn Dent	83	72	80	85
Corn Mature	48	40	51	61
Corn Harvested	8	4	11	15
Soybeans Setting Pods	94	88	92	92
Soybeans Coloring	41	30	39	43
Soybeans Dropping Leaves	17	8	15	19
Soybeans Harvested	1	-	-	2
Tobacco Topped	95	89	94	93
Tobacco Cut	64	45	58	58

CROP CONDITIONS for week ending 09/10/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	25	54	16
Pasture	4	11	33	47	5
Soybeans	2	4	25	55	14
Tobacco Set	3	9	24	56	8
Tobacco Housed	3	17	23	52	5



- Represents zero.



Kentucky Climate Summary
For the Period September 4, 2023 to September 10, 2023

Above Normal Temperatures and Below Normal Rainfall:

Summer heat remained across the area over the first half of the workweek. Highs consistently jumped into the middle 80s to low 90s each day. The heat was accompanied by rounds of isolated to scattered showers and storms, mainly across the western half of Kentucky. Hit and miss coverage led to quite the range in rainfall totals across this area. Some saw upwards of 2 inches, while others saw next to nothing. A cold front ushered a much cooler and less humid air mass into the region for the second half of the week. Highs in the 70s were commonplace. Southeastern saw some isolated storms on Saturday, but just like the Bluegrass, it was a mostly dry week. Many locations east of I-65 are now running 1-2+ inches below normal over the past 30 days. Some haven't seen rainfall in over two weeks.

Temperatures for the period averaged 74 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 84 in the West to 83 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to near normal in the East. Low temperatures averaged from 65 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at LEXINGTON APT and the extreme low was 55 degrees at CAPE GIRARDEAU ASOS.

Precipitation (liq. equ.) for the period totaled 0.39 inches statewide which was 0.39 inches below normal and 50% of normal. Precipitation totals by climate division, West 0.93 inches, Central 0.16 inches, Bluegrass 0.10 inches and East 0.37 inches, which was 0.19, -0.70, -0.66 and -0.40 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 2.75 inches at HOPKINSVILLE 6N.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/10/23 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
Western KY										
Caldwell	Princeton(M)	1.06	29.36	5.58	5.96	2.69	89	60	73	0
Christian	Hopkinsville(M)	2.74	24.77	4.57	0.11	1.11	90	60	73	0
Daviess	Owensboro(AP)	0.69	16.99	2.93	-4.81	0.19	93	61	75	2
Fulton	Hickman(M)	0.64	29.96	1.25	6.97	-1.46	93	57	74	0
Marshall	Benton(M)	0.33	22.53	3.44	-3.60	0.41	89	60	74	0
McCracken	Paducah(AP)	1.63	28.40	4.30	5.41	1.59	91	59	75	1
McLean	Calhoun(M)	1.45	23.12	2.80	-0.82	0.31	91	60	73	-1
Todd	Elkton(M)	1.11	23.99	3.57	-0.67	0.11	90	61	74	0
Union	Morganfield(M)	0.03	19.54	3.97	-2.26	1.23	91	58	73	0
Central KY										
Barren	Glasgow(M)	0.07	20.29	1.24	-4.69	-1.81	89	59	72	0
Breckinridge	Hardinsburg(M)	0.01	18.95	1.63	-5.63	-1.30	89	58	72	0
Clinton	Albany(M)	0.02	20.12	1.31	-6.17	-2.55	88	61	72	2
Hardin	Elizabethtown(M)	0.07	22.07	2.78	-2.51	-0.15	89	60	71	-1
Hart	Munfordville(M)	0.05	22.73	1.79	-2.31	-1.83	88	61	72	-2
Jefferson	Louisville(AP)	0.02	18.57	1.55	-4.51	-1.53	93	63	76	1
Taylor	Campbellsville(M)	0.01	16.52	0.69	-8.05	-2.67	90	58	72	0
Warren	Bowling_Green(AP)	0.46	19.95	2.75	-3.82	-0.87	92	62	76	2
Bluegrass										
Boone	Cinci./NKY(AP)	0.00	18.85	1.17	-3.35	-1.71	93	59	74	3
Boyle	Danville(M)	0.03	15.67	0.98	-9.22	-2.30	91	59	72	1
Fayette	Spindletop(M)	0.00	20.54	1.61	-4.20	-1.45	91	62	73	1
Franklin	Frankfort(M)	0.56	18.83	1.97	-4.02	-0.74	92	60	72	0
Madison	Richmond(M)	0.00	20.08	2.21	-4.81	-1.07	90	61	73	2
Mason	Maysville(M)	0.06	17.00	1.98	-6.59	-0.93	89	61	73	1
Eastern KY										
Breathitt	Jackson(AP)	0.39	23.97	4.24	-1.44	0.91	87	63	75	3
Harlan	Harlan(M)	0.61	19.80	1.60	-5.39	-1.69	78	57	66	-5
Lawrence	Louisa(M)	0.87	16.91	2.60	-6.07	-0.48	95	62	75	4
Pike	Pikeville(M)	1.11	22.42	2.92	-0.56	-0.16	84	60	71	0
Pulaski	Somerset(M)	0.00	17.58	1.55	-7.31	-1.73	89	58	72	1
Rowan	Morehead(M)	0.47	20.95	4.08	-4.79	0.74	87	61	72	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