



Crop Progress and Condition

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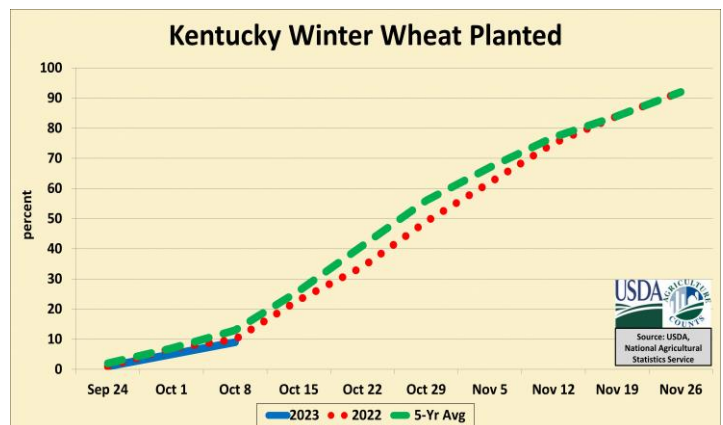
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.29 inches, 0.54 inches below normal. Temperatures averaged 64 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 10 percent very short, 34 percent short, 53 percent adequate, and 3 percent surplus. **Subsoil moisture** was rated 11 percent very short, 34 percent short, 53 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 5.9 out of a possible seven.

Primary activities for this week included cutting tobacco along with harvesting corn and soybeans. As the fall harvest rolls along, conditions remain very dry for most of the state. A warm start to the week gave way to more seasonal weather by the weekend. Ninety-one percent of corn is mature as 59 percent of the crop has been harvested. Eighty-four percent of soybeans are coloring with 65 percent dropping leaves. Twenty-seven percent of the crop is now harvested. The condition of soybeans continues to be mostly good. Ninety-six percent of tobacco has been cut and stripping has begun. Housed tobacco remains in mostly good condition. House burn in tobacco is rated as 1 percent severe, 6 percent moderate, 46 percent light, and 47 percent with none. Winter wheat seeding is 9 percent complete with 1 percent of the crop emerged.

Pasture condition is mostly fair as dry conditions continue to take a toll. Rain is badly needed to promote regrowth before consistently cold weather settles in. Any last cuttings of hay are underway with varying yields.

SOIL MOISTURE for week ending 10/08/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	34	53	3
Subsoil	11	34	53	2



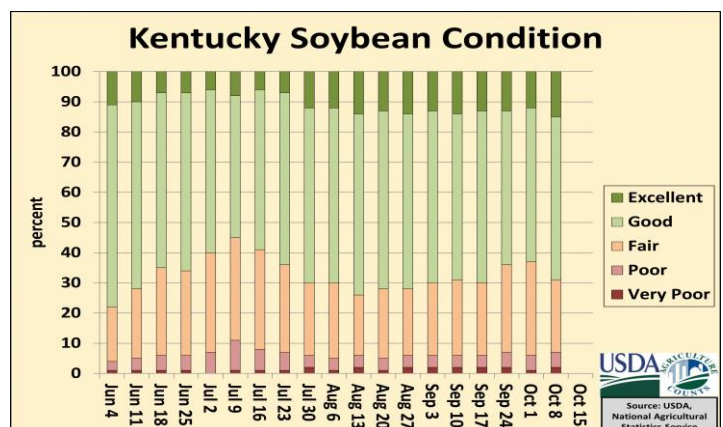
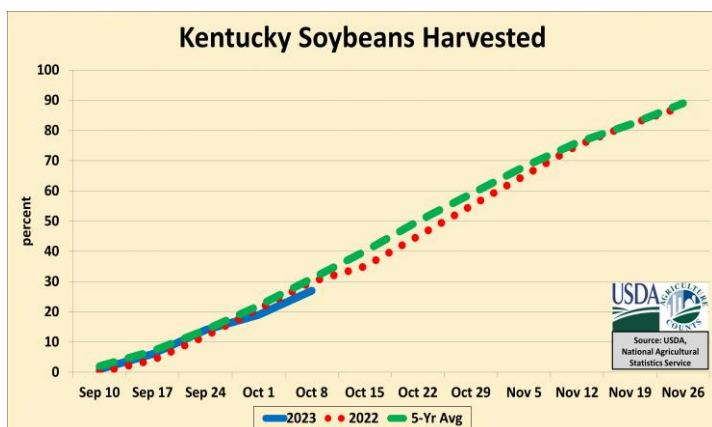
CROP PROGRESS for week ending 10/08/23

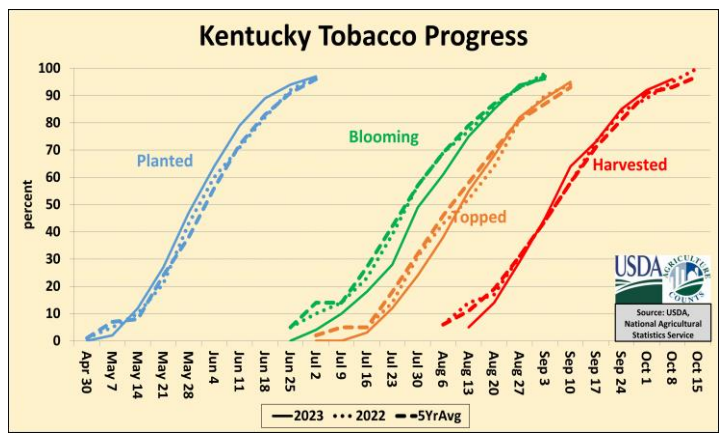
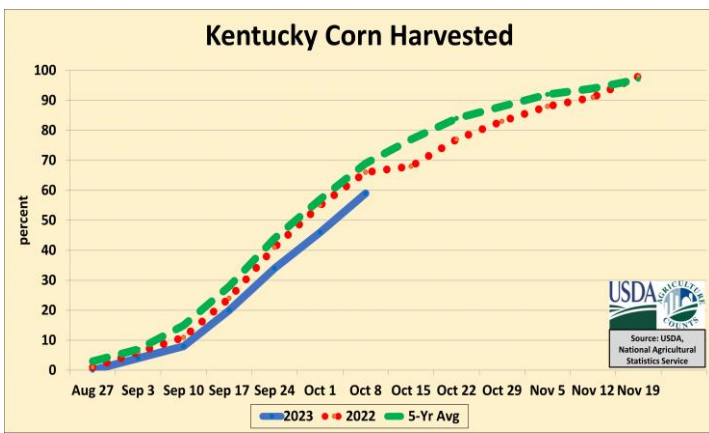
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	91	86	94	95
Corn Harvested	59	46	66	69
Soybeans Coloring	84	77	86	89
Soybeans Dropping Leaves	65	55	68	71
Soybeans Harvested	27	19	30	31
Tobacco Cut	96	92	95	93
Tobacco Stripped	17	-1	-1	-1
Winter Wheat Seeded	9	5	10	13
Winter Wheat Emerged	1	-	-1	-1

- Represents zero.
-1 Represents not available.

CROP CONDITIONS for week ending 10/08/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	11	20	36	31	2
Soybeans	2	5	24	54	15
Tobacco Housed	5	26	27	37	5





Kentucky Climate Summary
For the Period October 2, 2023 to October 8, 2023

Above Normal Temperatures and Below Normal Rainfall:

The state saw additional degradations on the U.S. Drought Monitor last Thursday. Roughly 67% of the state is now deemed abnormally dry or in a moderate drought, the latter composed mostly of North Central Kentucky. Unfortunately, rainfall accumulations ran below normal this past week. Most of the period ran dry, with the exception of Thursday and Friday. The passage of a cold front led to a bout of light, widespread precipitation. Totals ranged from a high across Western KY of more than a half inch to less than a tenth for portions of Eastern KY. The lack of rain across the region continues to spell problems for the lower Mississippi River, where many river gauges are running well under low-water thresholds for a second fall season in a row. Looking at temperatures, the state opened and ended the period on opposite ends of the spectrum. Kentucky saw highs jump well into the 80s Monday through Wednesday, solidly above normal for this time year. On the other end, temperatures plummeted on Friday following the passage of the aforementioned cold front. Highs struggled in the 50s and 60s over the weekend and even dipped into the 30s on Sunday morning, introducing the first threat of patchy frost for the fall season.

Temperatures for the period averaged 64 degrees across the state which was 1 degree warmer than normal and 6 degrees cooler than the previous period. High temperatures averaged from 76 in the West to 74 in the East. Departure from normal high temperatures were near normal across the state. Low temperatures averaged from 54 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at LEXINGTON APT and the extreme low was 33 degrees at ALBANY IN.

Precipitation (liq. equ.) for the period totaled 0.29 inches statewide which was 0.54 inches below normal and 35% of normal. Precipitation totals by climate division, West 0.49 inches, Central 0.28 inches, Bluegrass 0.21 inches and East 0.17 inches, which was 0.38, 0.62, 0.58 and 0.61 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at TRIANGLE MOUNTAIN to a high of 0.88 inches at PADUCAH ASOS.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/8/23 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)	0.38	31.45	2.09	4.67	-1.29	85	39	63	0
Christian	Hopkinsville(M)	0.31	30.62	5.85	2.44	2.33	86	40	64	0
Daviess	Owensboro(AP)	0.43	17.81	0.82	-7.18	-2.37	89	40	66	3
Fulton	Hickman(M)	0.52	31.06	1.10	4.48	-2.49	88	38	64	0
Marshall	Benton(M)	0.45	23.56	1.03	-6.34	-2.74	89	36	64	0
McCracken	Paducah(AP)	0.88	29.82	1.42	3.24	-2.17	89	41	67	3
McLean	Calhoun(M)	0.44	25.15	2.03	-2.34	-1.52	88	38	63	-1
Todd	Elkton(M)	0.16	28.63	4.64	0.45	1.12	85	36	63	0
Union	Morganfield(M)	0.57	21.17	1.63	-3.82	-1.56	89	39	64	1
Central KY										
Barren	Glasgow(M)	0.17	22.18	1.89	-6.32	-1.63	85	37	64	1
Breckinridge	Hardinsburg(M)	0.40	21.35	2.40	-6.72	-1.09	87	38	62	0
Clinton	Albany(M)	0.46	22.09	1.97	-8.25	-2.08	84	33	62	1
Hardin	Elizabethtown(M)	0.43	24.08	2.01	-3.99	-1.48	87	38	62	0
Hart	Munfordville(M)	0.05	24.74	2.01	-3.89	-1.58	84	41	63	-2
Jefferson	Louisville(AP)	0.32	19.60	1.03	-7.10	-2.59	89	45	69	4
Taylor	Campbellsville(M)	0.04	17.69	1.17	-10.55	-2.50	87	35	63	0
Warren	Bowling_Green(AP)	0.48	22.19	2.24	-4.94	-1.12	87	45	67	3
Bluegrass										
Boone	Cinci./NKY(AP)	0.32	20.11	1.26	-5.04	-1.69	86	38	64	3
Boyle	Danville(M)	0.02	17.47	1.80	-11.06	-1.84	86	38	62	0
Fayette	Lexington(AP)	0.05	20.40	1.04	-7.63	-2.25	90	41	66	4
Franklin	Frankfort(M)	0.30	19.86	1.03	-6.25	-2.23	88	39	63	1
Madison	Richmond(M)	0.15	21.58	1.50	-6.95	-2.14	85	36	62	0
Mason	Maysville(M)	0.42	19.40	2.40	-7.45	-0.86	85	40	62	1
Eastern KY										
Breathitt	Jackson(AP)	0.08	25.49	1.52	-3.17	-1.73	84	40	65	2
Harlan	Harlan(M)	0.23	21.07	1.27	-7.33	-1.94	73	32	56	-5
Lawrence	Louisa(M)	0.09	18.05	1.14	-7.97	-1.90	88	35	63	2
Pike	Pikeville(M)	0.14	24.03	1.61	-1.99	-1.43	78	37	61	0
Pulaski	Somerset(M)	0.25	21.03	3.45	-7.50	-0.19	82	35	61	0
Rowan	Morehead(M)	0.31	22.01	1.06	-7.23	-2.44	84	35	61	0

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