



Crop Progress and Condition

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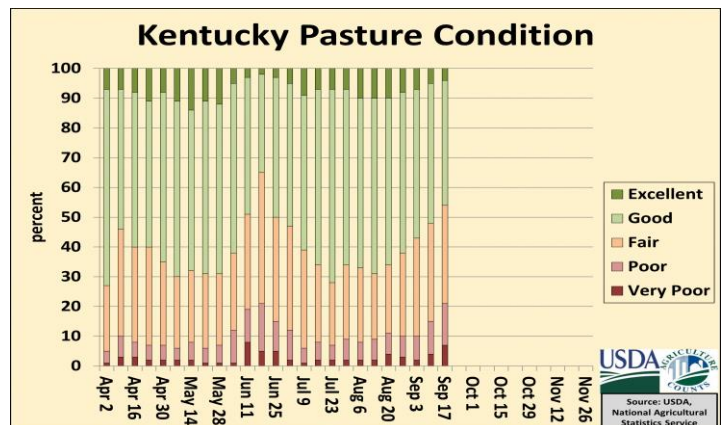
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.43 inches, 0.46 inches below normal. Temperatures averaged 67 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 9 percent very short, 34 percent short, 55 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 7 percent very short, 35 percent short, 56 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.4 out of a possible seven.

Primary activities for this week included cutting tobacco along with harvesting corn and soybeans. There was very little rainfall across the state, but that was neutralized to an extent by milder temperatures. Cover crops are more susceptible and in need of rain at this point. Strong progress was made in the fields with conducive weather overall. Ninety-one percent of corn is denting. Sixty-two percent of the crop is mature as 20 percent has been harvested. Ninety-seven percent of soybeans are setting pods with 55 percent coloring. Twenty-seven percent of soybeans are dropping leaves as 6 percent of the crop is now harvested. The condition of both soybeans and corn remains mostly good and is stable thanks to milder temperatures. Seventy-three percent of tobacco has been cut. Housed tobacco remains in mostly good condition.

Pasture condition has stabilized despite the lack of rain. Cooler temperatures have helped though some rain would further aid regrowth. Cool season grasses have begun to show signs of recovery.

SOIL MOISTURE for week ending 09/17/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	9	34	55	2
Subsoil	7	35	56	2

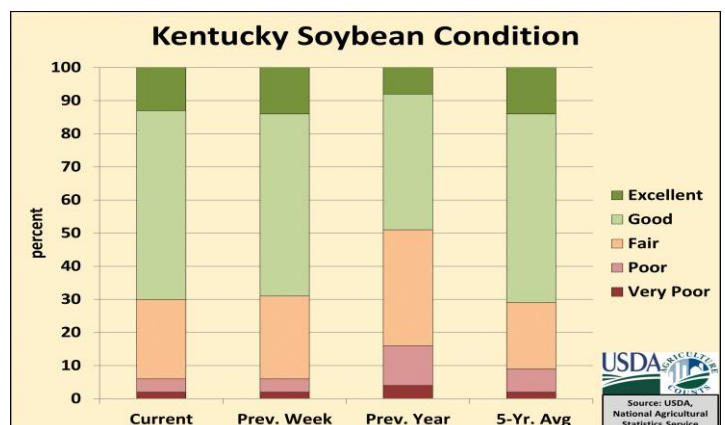
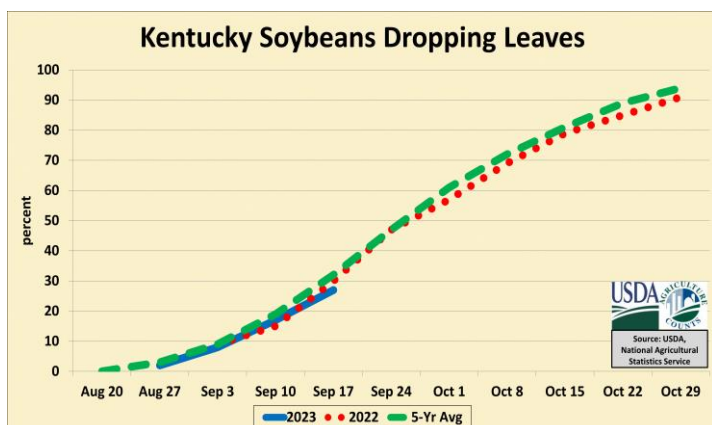


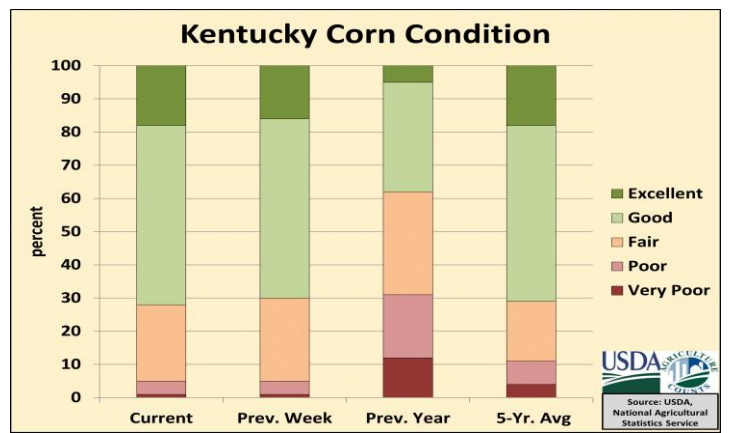
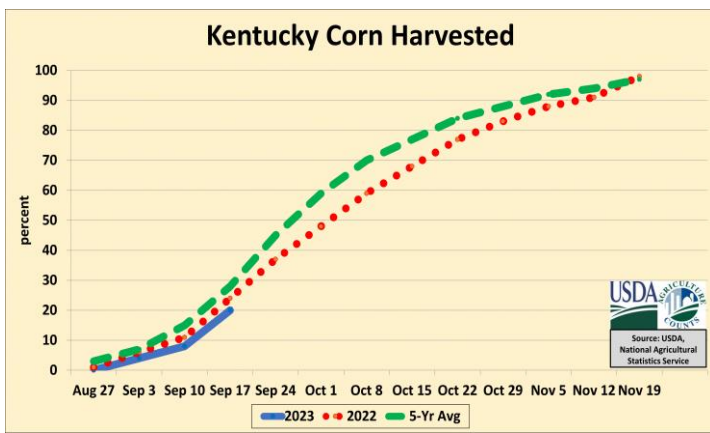
CROP PROGRESS for week ending 09/17/23

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	91	83	89	91
Corn Mature	62	48	68	74
Corn Harvested	20	8	24	28
Soybeans Setting Pods	97	94	97	96
Soybeans Coloring	55	41	55	59
Soybeans Dropping Leaves	27	17	30	32
Soybeans Harvested	6	1	4	7
Tobacco Cut	73	64	73	71

CROP CONDITIONS for week ending 09/17/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	23	54	18
Pasture	7	14	33	42	4
Soybeans	2	4	24	57	13
Tobacco Housed	4	18	23	49	6





Kentucky Climate Summary
For the Period September 11, 2023 to September 17, 2023

Below Normal Temperatures and Rainfall:

Kentucky saw a few rounds of showers, one early in the workweek and another couple over the weekend. Saying that, the only significant accumulations were seen in the Lake Cumberland Region and Southeastern Kentucky where totals ranged from a half to 2+ inches. Otherwise, totals were lacking across the rest of the state, most notably along the Ohio River, which generally saw less than a tenth of an inch. Dryness has taken over a large portion of Central Kentucky over the past month with many running 1-3 inches below normal. Luckily, it's recently been relatively cool. Following Monday, highs consistently ran in the middle 70s to low 80s this past week, slightly below seasonable norms. Many even saw low temperatures dip into the 40s on Thursday and Friday mornings.

Temperatures for the period averaged 67 degrees across the state which was 3 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 80 in the West to 78 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 55 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 89 degrees at COLUMBIA 3N and the extreme low was 41 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.43 inches statewide which was 0.46 inches below normal and 48% of normal. Precipitation totals by climate division, West 0.20 inches, Central 0.30 inches, Bluegrass 0.28 inches and East 0.93 inches, which was -0.68, -0.65, -0.58 and 0.07 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at FORT KNOX to a high of 2.51 inches at BOONEVILLE 2S.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/17/23 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)	0.12	29.48	4.99	5.29	2.12	83	51	67	-4
Christian	Hopkinsville(M)	0.55	25.32	4.73	-0.24	1.34	83	54	67	-4
Daviess	Owensboro(AP)	0.08	17.07	1.37	-5.55	-1.55	86	53	69	-1
Fulton	Hickman(M)	0.28	30.24	1.23	6.37	-1.69	84	49	68	-3
Marshall	Benton(M)	0.03	22.56	2.33	-4.52	-0.85	84	50	68	-3
McCracken	Paducah(AP)	0.11	28.51	3.28	4.64	0.36	85	50	69	-2
McLean	Calhoun(M)	0.16	23.28	1.83	-1.50	-0.92	83	48	66	-6
Todd	Elkton(M)	1.29	25.28	4.38	-0.28	0.99	85	50	66	-5
Union	Morganfield(M)	0.07	19.61	2.77	-3.01	-0.15	86	48	67	-3
Central KY										
Barren	Glasgow(M)	0.25	20.54	1.11	-5.32	-2.03	85	48	66	-4
Breckinridge	Hardinsburg(M)	0.01	18.96	0.27	-6.46	-2.79	83	47	65	-5
Clinton	Albany(M)	0.24	20.36	1.12	-7.06	-2.92	85	54	67	0
Hardin	Elizabethtown(M)	0.15	22.22	1.94	-3.20	-1.12	84	47	65	-5
Hart	Munfordville(M)	0.38	23.11	1.86	-2.91	-1.89	83	48	66	-6
Jefferson	Louisville(AP)	0.22	18.79	1.12	-5.20	-2.04	87	56	71	-1
Taylor	Campbellsville(M)	0.20	16.72	0.69	-8.81	-2.81	87	46	66	-3
Warren	Bowling_Green(AP)	0.18	20.13	2.71	-4.50	-0.85	87	51	69	-2
Bluegrass										
Boone	Cinci./NKY(AP)	0.27	19.12	1.23	-3.86	-1.66	84	51	67	-1
Boyle	Danville(M)	0.11	15.78	0.44	-10.05	-3.00	84	45	65	-3
Fayette	Lexington(AP)	0.39	19.75	1.53	-5.81	-1.54	87	49	68	-1
Franklin	Frankfort(M)	0.13	18.96	1.42	-4.71	-1.45	84	45	65	-4
Madison	Richmond(M)	0.67	20.75	2.26	-5.08	-1.18	84	45	65	-3
Mason	Maysville(M)	0.20	17.20	1.15	-7.25	-1.91	84	45	64	-4
Eastern KY										
Breathitt	Jackson(AP)	1.25	25.22	5.14	-1.02	1.93	81	51	68	-1
Harlan	Harlan(M)	1.00	20.80	2.23	-5.17	-0.82	70	50	60	-9
Lawrence	Louisa(M)	1.04	17.95	3.57	-5.84	0.46	84	47	67	-1
Pike	Pikeville(M)	1.43	23.85	4.01	0.06	0.90	75	53	63	-5
Pulaski	Somerset(M)	1.90	19.48	2.97	-6.35	-0.47	85	45	65	-3
Rowan	Morehead(M)	0.13	21.08	3.55	-5.61	0.10	81	47	64	-3

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