



Crop Progress and Condition

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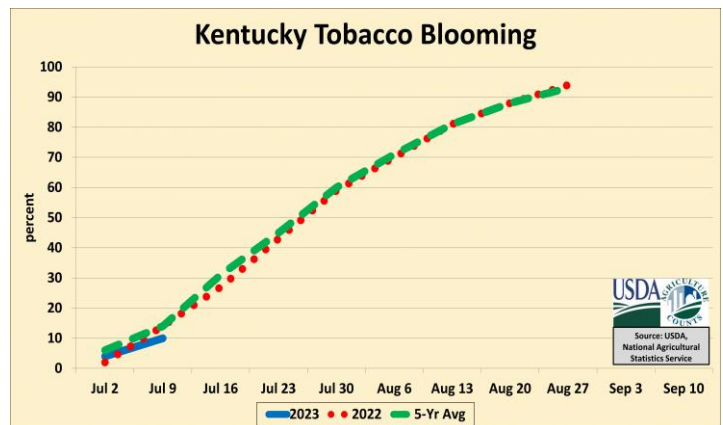
Agricultural News: Kentucky experienced slightly below normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.01 inches, 0.09 inches below normal. Temperatures averaged 76 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 3 percent very short, 21 percent short, 65 percent adequate, and 11 percent surplus. **Subsoil moisture** was rated 6 percent very short, 22 percent short, 64 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 4.2 out of a possible seven.

Primary activities for this week included harvesting wheat, monitoring field crops, and cutting hay. With spotty rain as a disruption for some, farmers forged ahead in the fields. There are still areas of the state that continue to miss any precipitation and are struggling with drought. Spraying is being done where appropriate. Thirty-eight percent of corn is silking at this juncture. Corn in the milk stage is at 12 percent as 2 percent of the crop is doughing. The condition of the crop remains mostly good. Thirty-three percent of soybeans are blooming with 95 percent emerged. Six percent of the crop is setting pods with an average height of 18 inches. The condition of soybeans continues to be mostly good. Ten percent of tobacco is blooming as condition is mostly good. The wheat harvest is moving steadily as weather allows.

Pasture condition has improved slightly overall as recent rain eased stress for some. Grazing ground remains thin in areas devoid of rain. Hay yields continue to vary widely as cutting continues.

SOIL MOISTURE for week ending 07/09/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	21	65	11
Subsoil	6	22	64	8



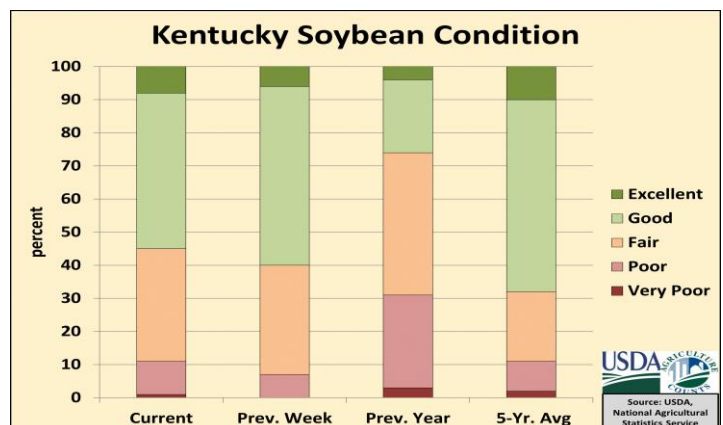
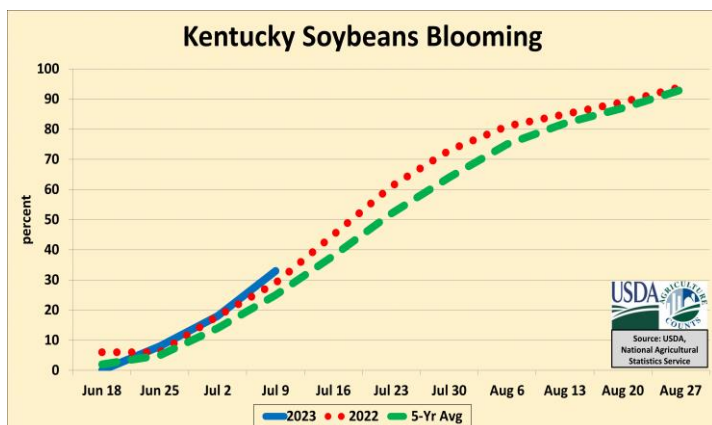
CROP PROGRESS for week ending 07/09/23

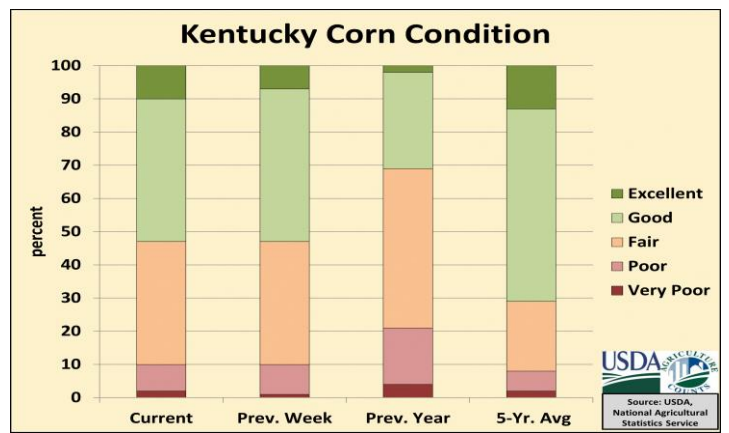
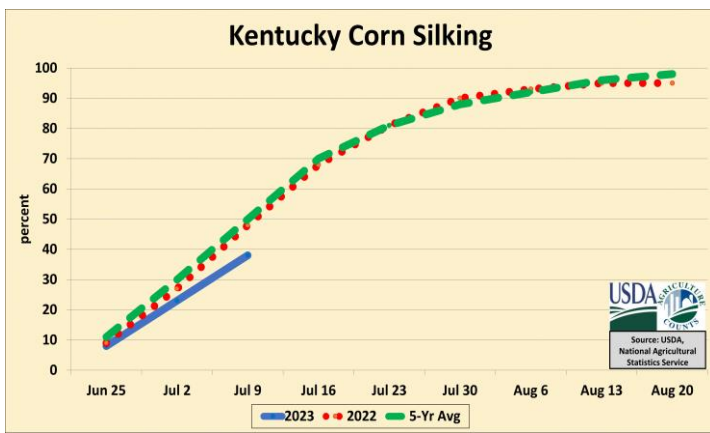
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	38	23	48	50
Corn Milked	12	-1	13	15
Corn Dough	2	-	3	3
Soybeans Emerged	95	90	97	93
Soybeans Blooming	33	18	29	25
Soybeans Setting Pods	6	2	3	4
Tobacco Blooming	10	4	14	14
Winter Wheat Harvested	89	85	98	97

CROP CONDITIONS for week ending 07/09/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	8	37	43	10
Pasture	1	5	33	52	9
Soybeans	1	10	34	47	8
Tobacco Set	2	8	28	57	5

- Represents zero.
-1 Represents not available.





**Kentucky Climate Summary
For the Period July 3, 2023 to July 9, 2023**

Slightly Below Normal Temperatures and Rainfall:

Rainfall was hit or miss this past week. Coverage was mainly isolated in nature through Friday, before increasing over the weekend. Areas that “hit” saw a half to one inch+. Heavy rainfall led to some localized totals of over two inches. One of the areas that missed was along the Ohio River from roughly Carlisle to Crittenden Counties. This part of Kentucky has continually struggled to see meaningful rainfall over the past month, running about 1-3 inches below normal over the past 30 days. While there has been large scale improvement in Kentucky on the U.S. Drought Monitor over recent weeks, this area remains in a moderate drought. Temperature-wise, while highs were not as extensive as the previous week, humidity remained for much of the period.

Temperatures for the period averaged 76 degrees across the state which was 1 degree cooler than normal and no change to the previous period. High temperatures averaged from 86 in the West to 84 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at FORT CAMPBELL and the extreme low was 60 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 1.01 inches statewide which was 0.09 inches below normal and 92% of normal. Precipitation totals by climate division, West 0.75 inches, Central 1.19 inches, Bluegrass 0.62 inches and East 1.47 inches, which was -0.26, 0.09, -0.43 and 0.24 inches respectively from normal. By station, precipitation totals ranged from a low of 0.01 inches at MORGANFIELD 4E to a high of 3.68 inches at PRINCETON 2SE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/09/23 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
Western KY													
Caldwell	Princeton(M)	3.67	13.06	6.26	-2.68	2.12	89	62	76	-1	184	1649	-173
Christian	Hopkinsville(M)	1.57	12.57	4.39	-3.40	0.14	89	62	76	-2	182	1671	-138
Daviess	Owensboro(AP)	0.48	11.85	7.43	-3.30	3.61	89	68	78	0	197	1767	7
Fulton	Hickman(M)	0.55	11.18	4.68	-4.69	0.52	90	63	77	-2	190	1854	-48
Marshall	Benton(M)	0.08	9.07	2.72	-8.97	-1.93	90	62	77	-1	190	1723	-152
McCracken	Paducah(AP)	0.22	10.07	1.53	-5.80	-2.63	92	69	80	0	208	1949	47
McLean	Calhoun(M)	0.38	16.13	8.54	-0.68	3.75	88	61	76	-3	183	1603	-361
Todd	Elkton(M)	1.43	11.44	4.03	-4.53	-0.22	91	65	77	-1	191	1632	-177
Union	Morganfield(M)	0.01	9.91	3.99	-5.24	0.17	92	63	78	0	196	1709	-51
Central KY													
Barren	Glasgow(M)	0.09	14.18	7.21	-2.39	2.82	87	65	76	-1	185	1546	-141
Breckinridge	Hardinsburg(M)	1.15	12.97	6.60	-4.46	2.26	88	62	76	-1	182	1527	-125
Clinton	Albany(M)	0.44	13.58	4.18	-3.49	-0.56	87	64	75	0	177	1459	-7
Hardin	Elizabethtown(M)	0.15	15.20	8.44	-2.23	4.10	87	64	76	-1	182	1511	-141
Hart	Munfordville(M)	0.44	15.46	8.02	-0.98	3.44	88	65	76	-2	186	1529	-431
Jefferson	Louisville(AP)	1.26	13.75	5.72	-1.69	1.82	91	71	80	0	212	1841	-56
Taylor	Campbellsville(M)	0.08	12.19	5.13	-4.30	0.61	87	65	75	0	180	1453	-196
Warren	Bowling_Green(AP)	1.12	11.40	4.77	-4.34	0.49	91	66	79	0	206	1837	-37
Bluegrass													
Boone	Cinci./NKY(AP)	0.59	10.14	2.65	-4.96	-1.50	90	65	76	0	184	1465	-13
Boyle	Danville(M)	0.00	11.17	4.50	-5.33	-0.60	87	63	75	0	179	1405	-189
Fayette	Lexington(AP)	0.29	14.36	8.91	-1.90	4.37	91	66	79	2	200	1629	28
Franklin	Frankfort(M)	0.16	13.22	7.22	-2.14	3.02	88	64	75	-1	175	1370	-267
Madison	Richmond(M)	0.57	13.35	8.56	-3.15	3.46	91	62	75	0	181	1348	-246
Mason	Maysville(M)	1.39	8.71	3.86	-6.61	0.04	90	62	75	0	175	1338	-86
Eastern KY													
Breathitt	Jackson(AP)	2.15	13.90	5.85	-2.57	0.96	88	64	76	0	181	1579	-61
Harlan	Harlan(M)	1.41	13.46	5.26	-2.58	0.20	75	59	67	-8	120	779	-759
Lawrence	Louisa(M)	0.26	11.44	3.16	-3.18	-1.58	91	62	76	1	185	1440	-21
Pike	Pikeville(M)	0.92	12.60	3.53	-2.02	-1.21	81	62	71	-3	150	1186	-275
Pulaski	Somerset(M)	0.13	11.66	4.24	-4.84	-0.86	86	60	74	0	169	1369	-225
Rowan	Morehead(M)	0.95	12.88	5.23	-3.51	0.39	88	61	74	0	173	1291	-138

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