



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
601 W Broadway, Rm 645
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

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

Released: July 11, 2022

Issue: 19-22

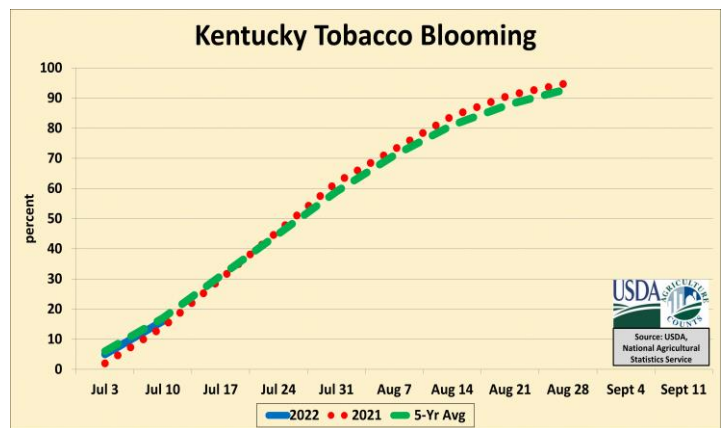
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.78 inches, 0.79 inches above normal. Temperatures averaged 80 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 23 percent very short, 44 percent short, 32 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 26 percent very short, 42 percent short, 31 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

Primary activities for this week included harvesting wheat, cutting hay, and monitoring field crops. Some much needed rain arrived this past week for most of the state easing crop stress brought on by the recent drought. Temperatures across the state continue to be hot, however recent rain should aid ailing field crops. Corn is 51 percent silking while 15 percent of the crop is in the milk stage. Three percent of corn is doughing at this juncture. Corn condition continues to deteriorate despite recent rain. Excessive heat during pollination may impact yields for some corn producers. Ninety-eight percent of soybeans are now emerged with 30 percent of the crop blooming. Four percent of soybeans are setting pods at this time. There were reports of slug damage in soybeans. Also of note, late planted beans struggled to get out of the ground as the weather turned hot and dry. Yield potential for double cropped beans remains to be seen. The overall condition of the soybean crop is mostly fair as heat and drought have been a detriment. The average height of soybeans is 16 inches. Tobacco is 16 percent blooming at this time. The condition of tobacco is currently fair to good as many producers have begun irrigation.

Pasture condition has improved slightly thanks to recent precipitation. With that said, rejuvenation is slow and has pushed many farmers to feed hay. Forage production across the state has been impacted by the drought. The wheat harvest is near completion.

SOIL MOISTURE for week ending 07/10/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	23	44	32	1
Subsoil	26	42	31	1



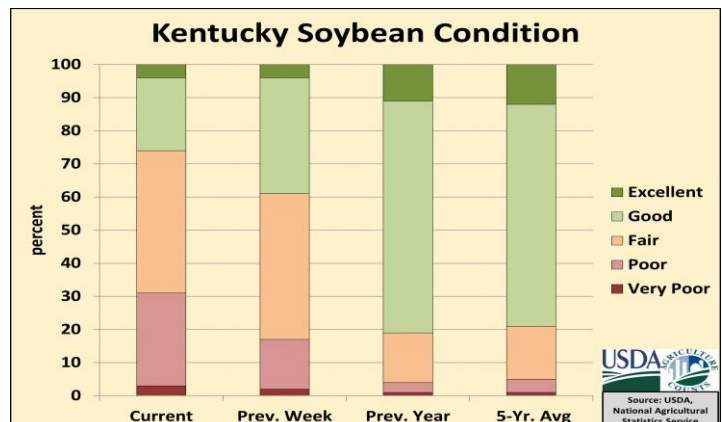
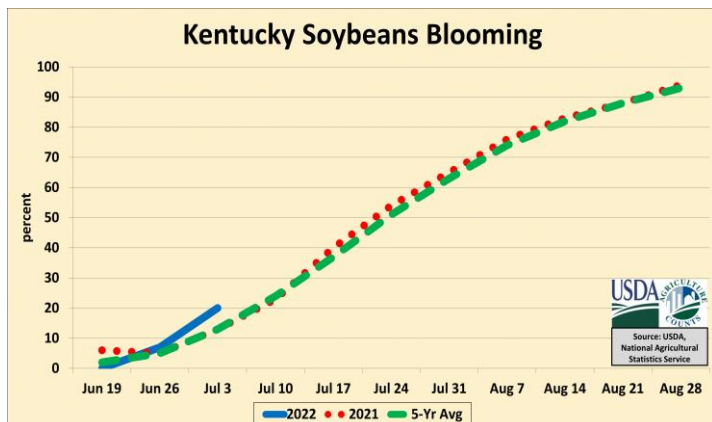
CROP PROGRESS for week ending 07/10/22

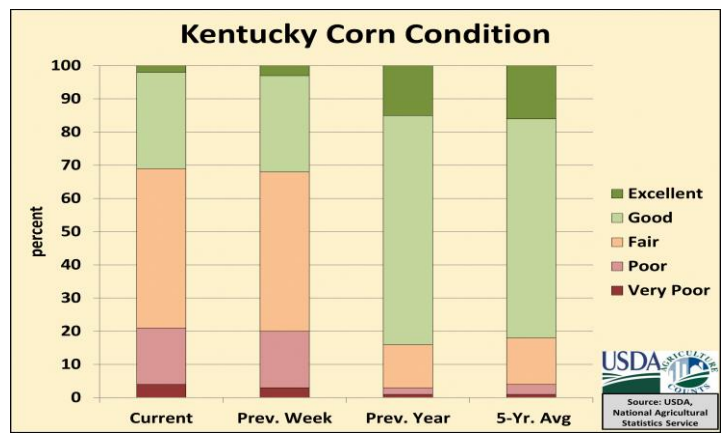
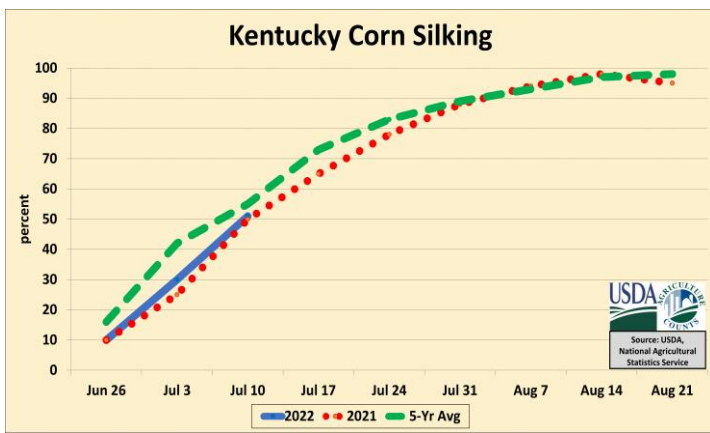
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	51	30	50	55
Corn Milked	15	-	-1	-1
Corn Dough	3	-	-	4
Soybeans Emerged	98	90	96	93
Soybeans Blooming	30	20	35	26
Soybeans Setting Pods	4	-	9	6
Tobacco Blooming	16	5	14	17
Winter Wheat Harvested	99	90	97	97

CROP CONDITIONS for week ending 07/10/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	4	17	48	29	2
Pasture	8	27	36	24	5
Soybeans	3	28	43	22	4
Tobacco Set	3	11	39	45	2

- Represents zero.
-1 Shown when data not available.





**Kentucky Climate Summary
For the Period July 4, 2022 to July 10, 2022**

Above Normal Temperatures and Rainfall:

The Commonwealth saw an active weather pattern this past week, leading to much-welcomed drought alleviating rains. The large majority of the state saw 1-2+ inches, although there were some pockets that only saw a half inch or so. Overall, the state averaged 1.78 inches for the week. This was the first significant rainfall that portions of Western and Central Kentucky had seen in about a month. Looking at temperatures, the majority of the week followed a very hot and humid pattern. Highs in the low to middle 90s were common, but much of Western KY saw multiple days in the upper 90s and even over 100 at times. Combined with dewpoints well into the 70s, heat indices in the 105 to 115 range were common. A couple Kentucky Mesonet stations even topped 120.

Temperatures for the period averaged 80 degrees across the state which was 4 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 93 in the West to 86 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to near normal in the East. Low temperatures averaged from 73 degrees in the West to 69 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 102 degrees at ELKTON SSW and the extreme low was 59 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 1.78 inches statewide which was 0.79 inches above normal and 180% of normal. Precipitation totals by climate division, West 1.66 inches, Central 1.53 inches, Bluegrass 1.93 inches and East 2.00 inches, which was 0.67, 0.54, 0.97 and 0.99 inches above normal. By station, precipitation totals ranged from a low of 0.09 inches at CARBONDALE ASOS to a high of 5.63 inches at MADISONVILLE 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/10/22 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)	1.76	13.58	3.26	-2.32	-0.88	99	67	82	82	230	1865	14
Christian	Hopkinsville(M)	2.67	18.41	3.15	2.27	-1.14	96	66	81	81	223	1871	33
Daviess	Owensboro(AP)	0.92	8.22	1.65	-7.07	-2.18	99	68	83	83	230	1975	187
Fulton	Hickman(M)	2.11	16.29	2.94	0.28	-1.20	97	68	84	84	242	2011	79
Marshall	Benton(M)	0.80	16.22	1.61	-1.98	-3.02	99	68	83	83	235	1910	6
McCracken	Paducah(AP)	0.81	16.05	1.87	0.04	-2.27	100	70	86	86	249	2094	162
McLean	Calhoun(M)	1.20	10.05	2.20	-6.94	-2.60	97	66	80	80	211	1767	-226
Todd	Elkton(M)	2.78	13.75	2.82	-2.39	-1.47	102	68	83	83	237	1875	37
Union	Morganfield(M)	2.22	10.45	2.54	-4.84	-1.29	98	67	81	81	218	1897	109
Central KY													
Barren	Glasgow(M)	1.71	14.54	1.76	-2.20	-2.64	99	67	81	81	223	1833	118
Breckinridge	Hardinsburg(M)	0.50	12.01	1.15	-5.56	-3.18	97	66	80	80	215	1778	98
Clinton	Albany(M)	2.44	15.03	3.87	-2.21	-0.88	94	68	79	79	207	1752	261
Hardin	Elizabethtown(M)	1.60	10.29	2.20	-7.28	-2.13	98	66	80	80	211	1767	87
Hart	Munfordville(M)	0.74	8.35	0.92	-8.25	-3.66	100	67	81	81	223	1779	-211
Jefferson	Louisville(AP)	0.70	11.20	1.95	-4.37	-1.93	101	65	82	82	227	2088	161
Taylor	Campbellsville(M)	0.89	10.78	1.77	-5.86	-2.73	97	67	80	80	212	1763	87
Warren	Bowling Green(AP)	2.82	14.03	2.89	-1.86	-1.39	101	70	85	85	246	2113	210
Bluegrass													
Boone	Cinci./NKY(AP)	1.20	16.25	1.69	1.02	-2.43	95	62	79	79	205	1732	228
Boyle	Danville(M)	1.64	12.88	3.62	-3.80	-1.49	94	64	79	79	205	1740	121
Fayette	Lexington(AP)	1.38	11.50	2.17	-4.93	-2.36	98	64	81	81	214	1897	269
Franklin	Frankfort(M)	2.77	14.07	3.82	-1.44	-0.39	97	62	78	78	197	1672	8
Madison	Richmond(M)	1.36	12.73	3.71	-3.95	-1.40	93	64	77	77	194	1665	46
Mason	Maysville(M)	1.32	14.93	2.21	-0.56	-1.64	93	60	75	75	180	1566	116
Eastern KY													
Breathitt	Jackson(AP)	1.12	12.92	4.35	-3.71	-0.52	90	67	77	77	191	1829	163
Harlan	Harlan(M)	4.32	17.26	5.89	1.04	0.81	79	60	69	69	135	1029	-535
Lawrence	Louisa(M)	2.86	14.45	5.15	-0.34	0.40	93	63	77	77	191	1682	196
Pike	Pikeville(M)	2.25	16.03	6.21	1.24	1.46	82	61	71	71	151	1429	-57
Pulaski	Somerset(M)	2.60	14.46	3.19	-2.22	-1.92	95	66	79	79	205	1676	57
Rowan	Morehead(M)	1.71	15.10	3.76	-1.49	-1.13	89	60	75	75	177	1544	90

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