



# 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: June 27, 2022

Issue: 17-22

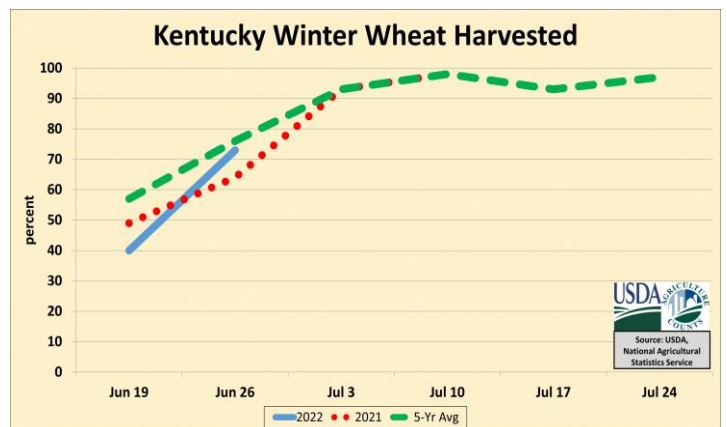
**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.32 inches, 0.69 inches below normal. Temperatures averaged 76 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 26 percent very short, 48 percent short, 24 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 19 percent very short, 48 percent short, 31 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities for this week included planting soybeans, setting tobacco, harvesting wheat, and cutting hay. Once again hot and dry weather prevailed for most of the state this past week. There were pockets that received significant precipitation, but it wasn't a widespread occurrence. The persistent conditions have been stressful to crops. The corn crop is 99 percent emerged and 10 percent silking. Corn condition has deteriorated significantly as high temperatures and drought take a toll. There were multiple reports of twisting in the corn crop. As topsoil continues to dry out, producers are concerned about adequate pollination. Same for soybeans as stress is evident in much of the state's crop. There were reports of some snail damage to beans as well to make matter worse. Soybean planting is approaching completion with 81 percent of the crop emerged. Seven percent of beans are blooming at this time, ahead of both last year and the five year average. The average height of soybeans is 3 inches. Tobacco setting continues ahead with strong progress from last week. The average height of tobacco is 14 inches at this time. Tobacco condition is holding somewhat steady as some producers are irrigating to protect their crop from drought.

Winter wheat condition remains mostly good with 95 percent of the crop mature. The wheat harvest is progressing at a normal rate. Pastures are slow to replenish and are showing a good deal of stress. As a result, many farmers have begun feeding hay. The condition of cut hay is mostly good, but yields vary dramatically across the state. Also of note, hay regrowth for second cuttings is being stunted by recent weather.

**SOIL MOISTURE for week ending 06/26/22**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	26	48	24	2
Subsoil	19	48	31	2



**CROP PROGRESS for week ending 06/26/22**

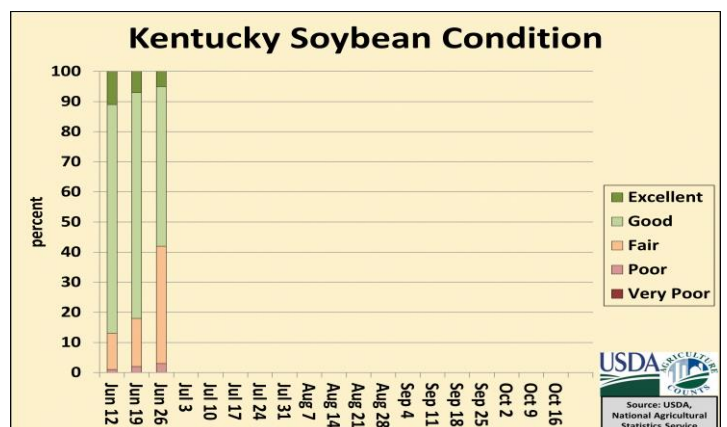
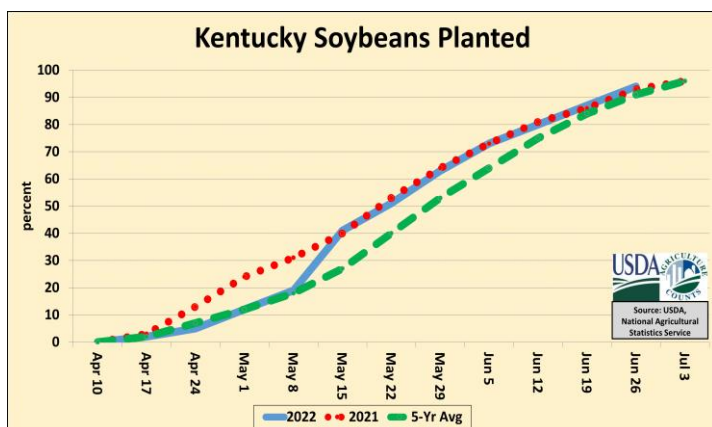
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Emerged	99	92	99	98
Corn Silking	10	-1	10	16
Soybeans Planted	94	87	93	91
Soybeans Emerged	81	72	81	79
Soybeans Blooming	7	-1	5	5
Tobacco Set	93	84	93	92
Winter Wheat Mature	95	74	91	-1
Winter Wheat Harvested	73	40	64	76

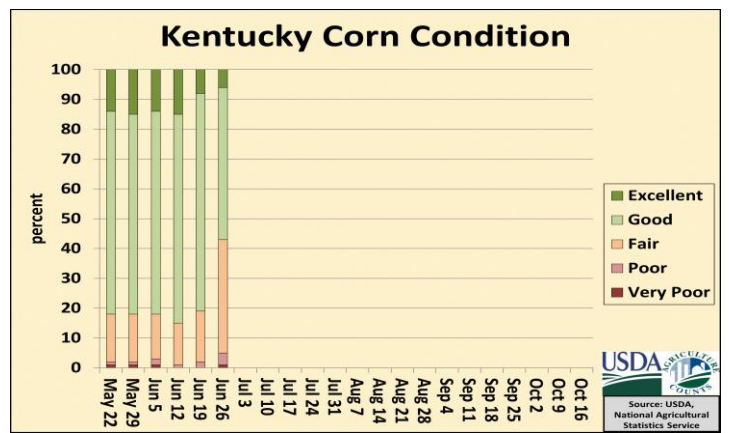
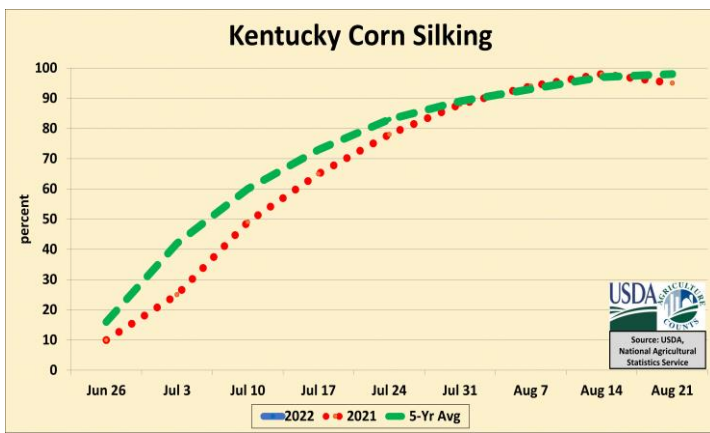
-1 Represents not available.

**CROP CONDITIONS for week ending 06/26/22**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	38	51	6
Hay	1	5	35	50	9
Pasture	1	10	36	46	7
Soybeans	-	3	39	53	5
Tobacco Set	1	5	30	61	3
Wheat	-	1	11	66	22

- Represents zero.





**Kentucky Climate Summary**  
**For the Period June 20, 2022 to June 26, 2022**

Above Normal Temperatures and Below Normal Rainfall:

Just like the previous week, rainfall was again hit or miss across the area. Eastern Kentucky was the winner with an average of 0.84 inches. Some saw in excess of 2. Looking at the other side of spectrum, a large portion of Western and Central KY saw less than a tenth of an inch. The lack of rainfall was again accompanied by a period of extreme heat. The Commonwealth saw several days with high temperatures well into the 90s. Dry conditions over recent weeks combined with extreme heat has led to stressful conditions for KY agriculture and deterioration on the U.S. Drought Monitor. Roughly 54% of the state is now considered abnormally dry, marking the highest percentage since October of 2019. A small portion of Central KY (<5%) was even upgraded to 'Moderate drought'.

Temperatures for the period averaged 76 degrees across the state which was 2 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 92 in the West to 89 in the East. Departure from normal high temperatures ranged from 5 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 100 degrees at LOUISVILLE APT and the extreme low was 47 degrees at YELLOW CREEK.

Precipitation (liq. equ.) for the period totaled 0.32 inches statewide which was 0.69 inches below normal and 32% of normal. Precipitation totals by climate division, West 0.10 inches, Central 0.09 inches, Bluegrass 0.25 inches and East 0.84 inches, which was 0.91, 0.91, 0.75 and 0.19 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BOWLING GREEN 4E to a high of 2.20 inches at PAINTSVILLE 4W.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 06/26/22 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
<b>Western KY</b>													
Caldwell	Princeton(M)	0.18	11.27	2.46	-2.57	-1.76	97	54	76	0	187	1458	0
Christian	Hopkinsville(M)	0.00	15.71	2.02	1.84	-1.99	94	59	77	0	192	1469	33
Daviess	Owensboro(AP)	0.07	7.30	1.57	-6.05	-2.28	97	59	79	2	202	1555	153
Fulton	Hickman(M)	0.07	13.42	1.01	-0.53	-3.19	97	61	79	1	206	1577	56
Marshall	Benton(M)	0.17	14.91	1.40	-1.11	-3.66	96	57	77	0	192	1496	-6
McCracken	Paducah(AP)	0.52	15.20	2.43	1.25	-1.77	97	59	79	1	206	1656	135
McLean	Calhoun(M)	0.10	8.85	1.36	-5.71	-3.25	97	53	75	-2	179	1390	-193
Todd	Elkton(M)	0.00	10.93	2.43	-2.94	-1.58	99	52	77	0	193	1449	13
Union	Morganfield(M)	0.22	8.20	1.45	-5.15	-2.40	96	55	77	0	189	1501	99
<b>Central KY</b>													
Barren	Glasgow(M)	0.02	12.80	2.29	-1.77	-2.27	95	52	76	0	185	1427	95
Breckinridge	Hardinsburg(M)	0.41	11.51	2.17	-3.97	-2.35	96	54	75	0	181	1391	95
Clinton	Albany(M)	1.18	12.35	4.21	-2.48	-0.42	93	50	75	2	178	1365	221
Hardin	Elizabethtown(M)	0.08	8.65	1.80	-6.83	-2.72	96	53	76	0	188	1382	86
Hart	Munfordville(M)	0.00	7.59	1.93	-6.69	-2.58	96	53	77	0	192	1369	-211
Jefferson	Louisville(AP)	0.00	9.26	1.59	-4.43	-2.41	100	61	81	3	219	1663	148
Taylor	Campbellsville(M)	0.00	9.41	2.78	-5.06	-1.84	95	51	75	0	177	1378	68
Warren	Bowling_Green(AP)	0.00	11.15	3.40	-2.59	-0.80	99	55	81	3	214	1658	163
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.20	14.76	2.36	1.40	-2.09	95	57	77	3	186	1349	203
Boyle	Danville(M)	0.05	9.31	1.96	-4.80	-2.76	95	53	75	1	181	1362	94
Fayette	Lexington(AP)	0.01	9.51	1.96	-4.68	-2.72	98	54	79	4	201	1492	233
Franklin	Frankfort(M)	0.18	10.89	2.59	-2.49	-1.43	95	51	74	-1	170	1312	23
Madison	Richmond(M)	0.36	9.38	1.30	-4.73	-3.42	96	49	74	0	173	1302	34
Mason	Maysville(M)	0.14	13.43	4.02	-0.14	-0.17	92	52	73	0	163	1222	130
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	1.43	10.45	2.49	-3.80	-2.38	94	55	77	3	187	1456	147
Harlan	Harlan(M)	1.17	12.81	2.20	-0.82	-2.23	81	55	67	-6	125	774	-433
Lawrence	Louisa(M)	1.27	11.01	2.67	-1.36	-1.75	96	50	74	0	173	1323	186
Pike	Pikeville(M)	1.76	12.07	3.02	-0.30	-1.40	86	55	71	-2	153	1133	-4
Pulaski	Somerset(M)	0.11	11.38	2.44	-2.73	-2.28	94	50	75	1	178	1296	28
Rowan	Morehead(M)	0.12	12.15	2.94	-1.82	-1.49	92	50	72	0	157	1216	108

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.kyimesonet.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](http://weather.uky.edu/climate_normals.php)