



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
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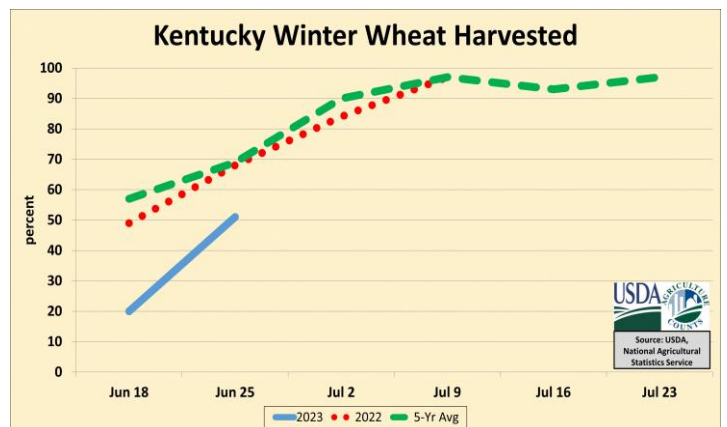
Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.65 inches, 0.53 inches above normal. Temperatures averaged 72 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 7 percent very short, 35 percent short, 56 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 7 percent very short, 38 percent short, 54 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 4.6 out of a possible seven.

Primary activities for this week included planting soybeans, setting tobacco, harvesting wheat, and cutting hay. The state received some rain which was greatly needed in most areas. Two rounds of storm activity arrived on Sunday causing wind damage and localized flooding for some. With that said, there are still pockets of the state that desperately need rain as they have missed recent activity. Farmers continued with progress in the fields despite the unstable weather. Eight percent of corn is silking at this juncture. The condition of the crop is mostly good as recent rain should lessen recent drought stress. There are still reports of corn rolling up in areas the rain missed. Soybean planting was slowed by the rain, but progress remains on par with last year and ahead of the five year average. Eight percent of the crop is blooming with 83 percent emerged. The condition of soybeans remains mostly good with an average height of 5 inches. In exceptionally dry areas, the bean crop has struggled to germinate. Tobacco planting is nearing completion with the average height of set plants at 12 inches. The condition of tobacco set is mostly good. Ninety-eight percent of the wheat crop is mature as harvest rolls along.

Pasture ground is showing improvement and growth as recent rain was desperately needed. With low yields reported for some hay, pasture feeding is of the utmost importance so that winter stocks will be sufficient. The overall condition of hay is rated mostly good despite varied yields. In areas that have remained void of rain, producers have had to cull some cattle in preparation for extended drought.

SOIL MOISTURE for week ending 06/25/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	7	35	56	2
Subsoil	7	38	54	1



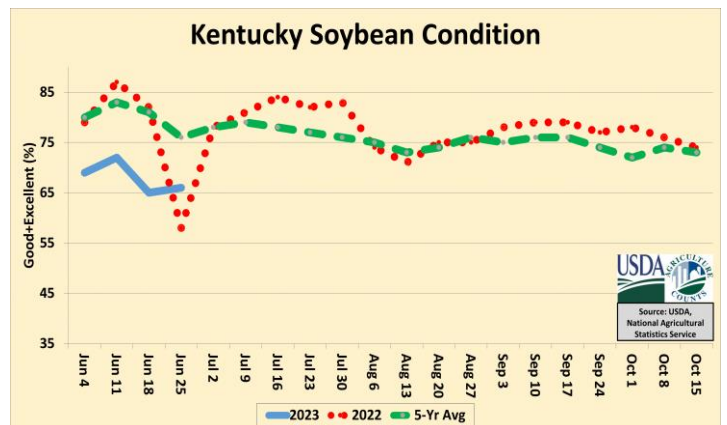
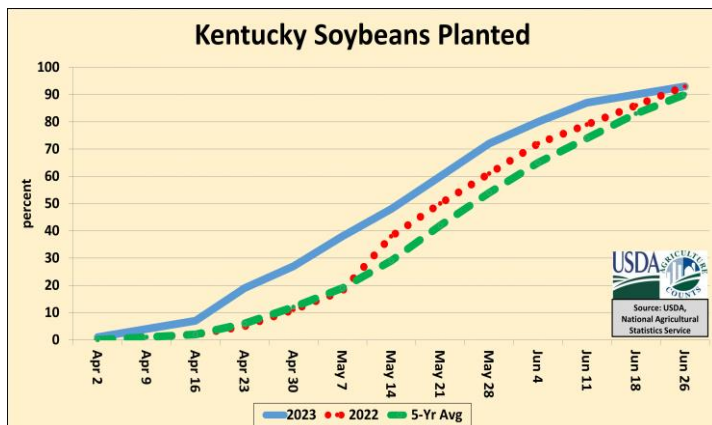
CROP PROGRESS for week ending 06/25/23

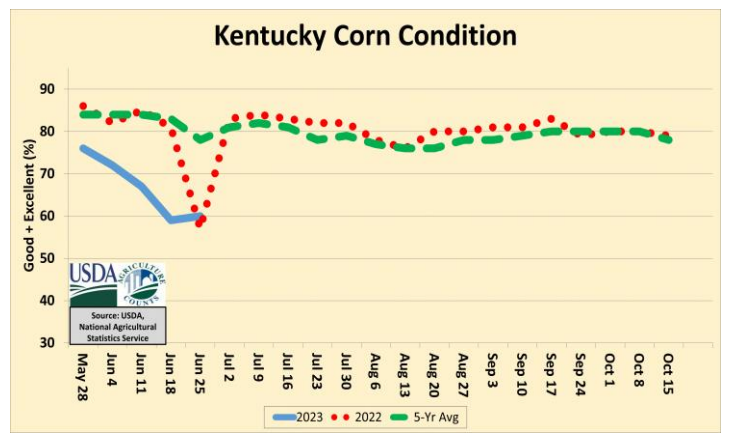
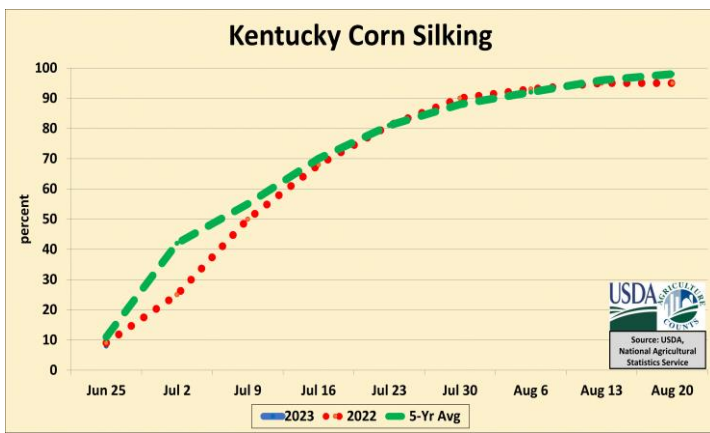
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	8	-1	9	11
Soybeans Planted	93	90	93	90
Soybeans Emerged	83	79	80	77
Soybeans Blooming	8	-1	6	5
Tobacco Set	94	89	92	91
Winter Wheat Mature	98	78	92	-1
Winter Wheat Harvested	51	20	68	69

CROP CONDITIONS for week ending 06/25/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	7	32	54	6
Hay	5	7	33	51	4
Pasture	5	10	35	47	3
Soybeans	1	5	28	59	7
Tobacco Set	1	3	21	70	5

-1 Represents not available.





**Kentucky Climate Summary
For the Period June 19, 2023 to June 25, 2023**

Below Normal Temperatures and Above Normal Rainfall:

The Bluegrass State saw a very active week with multiple rounds of rainfall, bringing some much needed moisture to the area. Overall, the state averaged 1.65 inches, which snapped a span of four straight weeks with below normal precipitation. The brunt of the activity fell on Monday and Sunday. The latter occurred in two rounds, including an afternoon/evening event, which resulted in numerous reports of large hail and high winds. Rain was very heavy at times and led to some bouts of localized flooding. A large portion of Central Kentucky ultimately saw 2-3+ inches for the week. Outside of precipitation, clouds and showers kept temperatures seasonably cool for much of the period. The one exception was over the weekend as temperatures jumped in a big way between the two rain events on Sunday. Much of Western KY hit the mid to upper 90s. Combined with high humidity, heat indices rose well over the century mark and pushed the livestock heat stress index into the danger/emergency categories.

Temperatures for the period averaged 72 degrees across the state which was 3 degrees cooler than normal and 4 degrees warmer than the previous period. High temperatures averaged from 85 in the West to 77 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 8 degrees cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 99 degrees at MORGANFIELD 4E and the extreme low was 54 degrees at PIKEVILLE 13S.

Precipitation (liq. equ.) for the period totaled 1.65 inches statewide which was 0.53 inches above normal and 148% of normal. Precipitation totals by climate division, West 1.31 inches, Central 2.57 inches, Bluegrass 1.43 inches and East 1.28 inches, which was 0.28, 1.45, 0.31 and 0.09 inches above normal. By station, precipitation totals ranged from a low of 0.00 inches at POPLAR BLUFF ASOS to a high of 5.59 inches at ELIZABETHTOWN 8W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/25/23 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)	0.94	8.19	1.58	-5.51	-2.65	93	58	73	-3	167	1272	-159
Christian	Hopkinsville(M)	1.37	10.39	2.30	-3.34	-1.74	93	59	73	-3	166	1298	-110
Daviess	Owensboro(AP)	1.54	5.96	1.66	-7.25	-2.19	92	61	75	0	174	1386	11
Fulton	Hickman(M)	0.32	9.18	2.90	-4.62	-1.30	95	62	77	0	189	1452	-40
Marshall	Benton(M)	0.95	8.06	2.25	-7.80	-2.84	95	60	75	-1	180	1327	-147
McCracken	Paducah(AP)	0.38	8.94	1.07	-4.86	-3.13	99	62	78	0	199	1514	22
McLean	Calhoun(M)	1.20	8.81	1.38	-5.58	-3.22	94	59	73	-4	166	1238	-317
Todd	Elkton(M)	0.60	8.28	1.29	-5.45	-2.75	95	57	73	-3	167	1247	-161
Union	Morganfield(M)	0.56	6.58	1.07	-6.63	-2.78	99	59	76	0	185	1309	-66
Central KY													
Barren	Glasgow(M)	4.26	11.25	4.63	-3.16	0.06	87	61	72	-3	154	1183	-123
Breckinridge	Hardinsburg(M)	1.84	8.21	2.85	-7.11	-1.69	88	61	71	-4	153	1172	-97
Clinton	Albany(M)	2.08	11.54	5.35	-3.12	0.72	84	62	70	-2	145	1117	-3
Hardin	Elizabethtown(M)	5.81	12.57	6.23	-2.75	1.69	87	60	71	-4	152	1158	-111
Hart	Munfordville(M)	4.53	12.04	6.08	-2.08	1.58	86	60	71	-6	153	1169	-383
Jefferson	Louisville(AP)	2.36	10.50	3.70	-3.05	-0.30	90	64	75	-2	178	1439	-47
Taylor	Campbellsville(M)	2.90	10.09	5.09	-4.21	0.49	86	61	71	-3	153	1102	-182
Warren	Bowling_Green(AP)	0.82	7.46	1.45	-6.13	-2.75	92	64	75	-2	176	1429	-37
Bluegrass													
Boone	Cinci./NKY(AP)	0.53	8.09	2.01	-5.13	-2.44	87	62	72	-1	155	1114	-8
Boyle	Danville(M)	1.92	8.65	3.62	-5.28	-1.07	84	59	70	-3	145	1061	-183
Fayette	Lexington(AP)	1.76	7.74	2.85	-6.29	-1.85	88	61	73	-1	164	1252	19
Franklin	Frankfort(M)	3.15	9.39	4.95	-3.83	0.94	85	60	71	-3	149	1035	-228
Madison	Richmond(M)	3.83	8.66	4.59	-5.27	-0.10	84	59	70	-3	143	1009	-235
Mason	Maysville(M)	1.01	6.12	1.70	-7.32	-2.53	85	59	70	-3	144	997	-71
Eastern KY													
Breathitt	Jackson(AP)	0.96	10.04	2.98	-4.03	-1.87	82	59	71	-2	145	1234	-50
Harlan	Harlan(M)	0.72	9.59	2.44	-3.85	-1.94	70	51	60	-13	70	557	-625
Lawrence	Louisa(M)	0.45	9.16	1.35	-3.05	-3.05	83	60	71	-1	147	1082	-31
Pike	Pikeville(M)	0.39	10.15	2.56	-2.06	-1.84	76	54	64	-8	103	906	-207
Pulaski	Somerset(M)	1.42	9.25	4.39	-4.68	-0.30	83	60	69	-4	139	1041	-203
Rowan	Morehead(M)	1.94	9.75	2.71	-4.05	-1.71	82	60	69	-3	138	958	-126

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