



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: August 15, 2022

Issue: 24-22

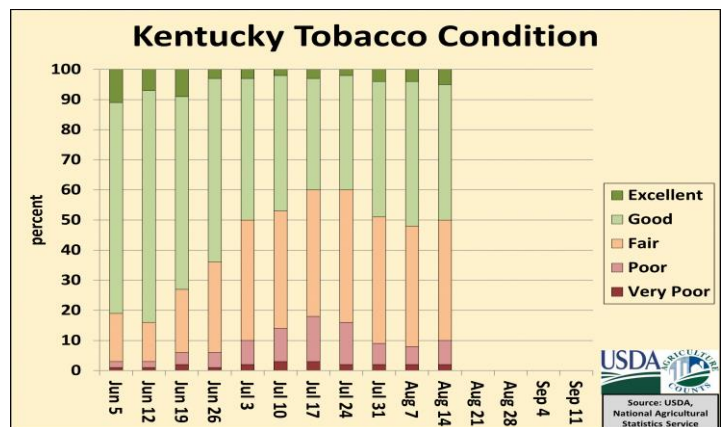
Agricultural News: Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.83 inches, 0.05 inches below normal. Temperatures averaged 75 degrees for the week, near normal. **Topsoil moisture** was rated 3 percent very short, 13 percent short, 65 percent adequate, and 19 percent surplus. **Subsoil moisture** was rated 2 percent very short, 16 percent short, 66 percent adequate, and 16 percent surplus. Days suitable for fieldwork averaged 4.5 out of a possible seven.

Primary activities for this week included spraying, cutting hay, and topping tobacco. Some producers have begun to cut tobacco, but the harvest is still in the beginning stage. Rainfall was scattered over the past week with some places getting significant amounts while others stayed dry. Cooler temperatures moved in and should relieve heat stress to crops and animals. Corn is 95 percent silking while 80 percent of the crop is in the milk stage. Sixty-three percent of corn is in the dough stage at this juncture with 43 percent of the crop denting. Overall corn condition remains steady at this time. Eighty-two percent of soybeans are blooming with 62 percent of the crop setting pods. Eight percent of the beans in the state are coloring. Soybean condition remains mostly fair. Tobacco is 78 percent blooming at this time as 53 percent of the crop has been topped. A very small portion of the crop has been cut, but the process has started for some. The condition of tobacco is mostly good with very little change from last week.

Recent rain has been very helpful to pasture growth. Also, cooler temperatures will relieve drought stress and allow for more grazing.

SOIL MOISTURE for week ending 08/14/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	13	65	19
Subsoil	2	16	66	16



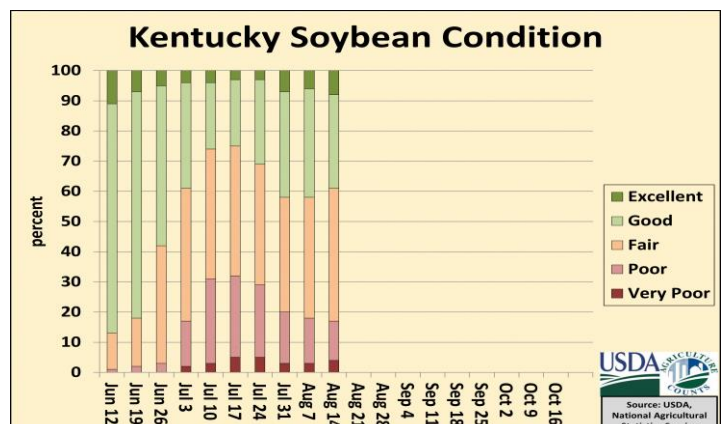
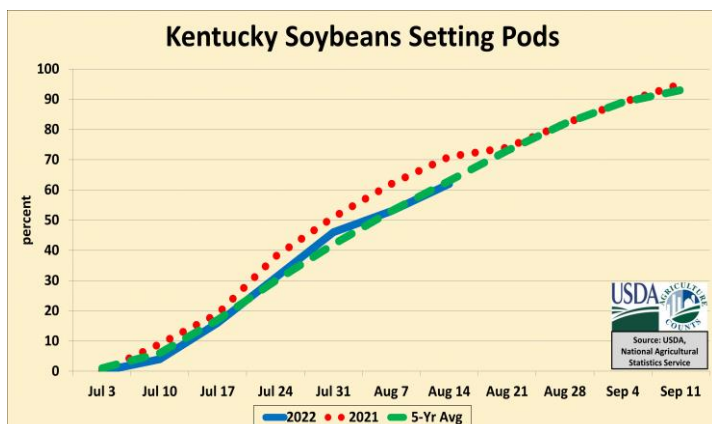
CROP PROGRESS for week ending 08/14/22

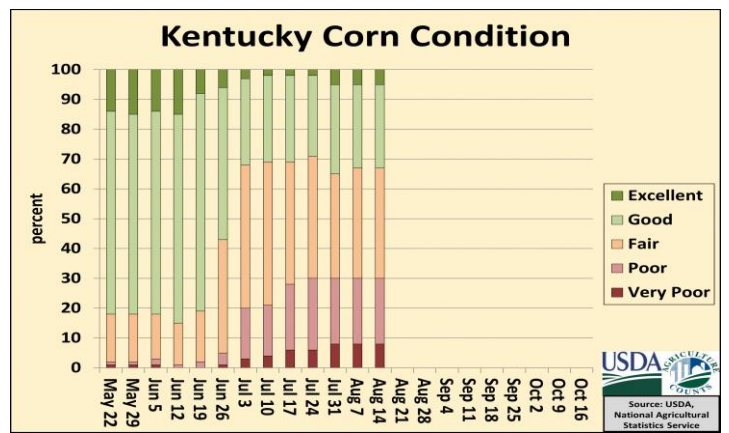
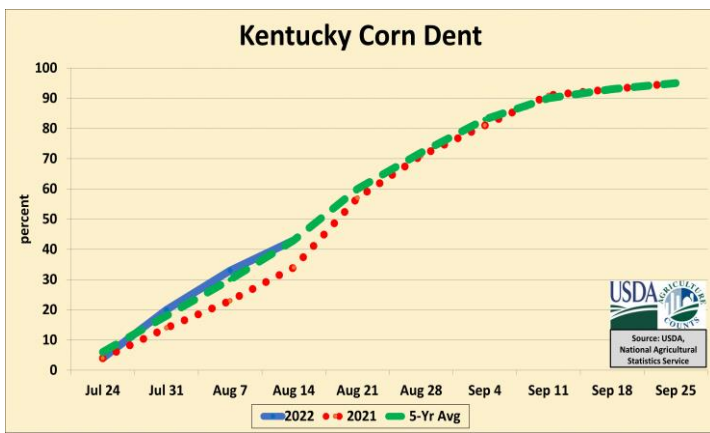
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	95	92	95	96
Corn Milked	80	73	77	82
Corn Dough	63	55	59	65
Corn Dent	43	33	34	43
Soybeans Blooming	82	74	85	82
Soybeans Setting Pods	62	53	71	63
Soybeans Coloring	8	2	5	7
Tobacco Blooming	78	69	81	81
Tobacco Topped	53	45	62	61
Tobacco Cut	6	-1	-1	-1

CROP CONDITIONS for week ending 08/14/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	8	22	38	27	5
Pasture	3	10	35	42	10
Soybeans	4	13	44	31	8
Tobacco Set	2	8	40	45	5

- Represents not available.





**Kentucky Climate Summary
For the Period August 8, 2022 to August 14, 2022**

Near Normal Temperatures and Below Normal Rainfall:

Kentucky averaged 0.83 inches for the week, near normal for this time of year. Saying that, scattered coverage once again led to quite the range in totals. While some locations topped 2 inches, others didn't record a drop. Outside of some light activity on Sunday, the brunt of the rain fell over the first half of the week. The tide turned in a large way on Thursday following the passage of a couple cold fronts. Much cooler and less humid air filtered into the area for Friday and Saturday. Temperatures actually ran below normal with highs in the upper 70s to middle 80s. Lows even dipped into the 50s on Saturday morning, which is more typical of mid-September.

Temperatures for the period averaged 75 degrees across the state which was near normal and 4 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 84 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 67 degrees in the West to 65 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 95 degrees at PADUCAH ASOS and the extreme low was 53 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 0.83 inches statewide which was 0.05 inches below normal and 94% of normal. Precipitation totals by climate division, West 0.77 inches, Central 0.80 inches, Bluegrass 0.98 inches and East 0.79 inches, which was -0.06, -0.06, 0.11 and -0.18 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at GREENVILLE 6N to a high of 2.68 inches at RUSSELLVILLE 2W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/14/22 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)	2.00	21.73	7.83	1.10	4.11	91	59	75	-2	179	2863	19
Christian	Hopkinsville(M)	0.39	24.03	5.55	2.70	1.46	91	58	75	-2	179	2861	10
Daviess	Owensboro(AP)	0.57	14.14	5.52	-5.01	2.57	92	60	77	0	190	2997	244
Fulton	Hickman(M)	2.31	22.06	3.42	1.69	0.05	92	60	76	-2	186	3024	61
Marshall	Benton(M)	1.63	23.09	6.09	-0.12	2.15	91	60	76	-2	184	2931	7
McCracken	Paducah(AP)	0.00	18.88	2.58	-1.49	-0.79	95	59	79	0	204	3168	205
McLean	Calhoun(M)	1.37	21.21	9.49	-0.32	6.12	90	56	74	-4	172	2715	-310
Todd	Elkton(M)	1.23	22.03	8.28	0.70	4.19	92	58	76	-1	182	2884	33
Union	Morganfield(M)	0.00	18.34	6.25	-0.81	3.30	92	58	76	0	183	2876	123
Central KY													
Barren	Glasgow(M)	1.67	21.31	6.71	-0.73	2.55	89	57	75	-1	175	2801	117
Breckinridge	Hardinsburg(M)	1.65	24.17	11.29	2.42	8.05	89	57	75	-1	177	2732	85
Clinton	Albany(M)	0.81	24.43	9.33	1.87	5.19	88	58	74	0	171	2683	303
Hardin	Elizabethtown(M)	0.03	16.96	4.12	-4.79	0.88	89	56	74	-2	172	2695	48
Hart	Munfordville(M)	0.93	14.80	6.38	-6.74	2.56	89	58	75	-3	176	2753	-270
Jefferson	Louisville(AP)	1.84	18.39	6.90	-1.73	3.20	93	62	79	0	202	3180	207
Taylor	Campbellsville(M)	0.18	17.26	5.93	-4.07	2.22	89	54	74	-1	171	2701	104
Warren	Bowling_Green(AP)	0.18	19.14	5.11	-1.13	1.73	92	59	79	0	202	3197	254
Bluegrass													
Boone	Cinci./NKY(AP)	1.29	25.64	8.87	6.21	5.49	89	60	75	0	176	2684	274
Boyle	Danville(M)	0.29	19.61	6.28	-2.11	2.41	88	53	74	0	170	2665	166
Fayette	Lexington(AP)	1.45	18.95	7.14	-2.85	2.92	91	57	77	1	187	2895	335
Franklin	Frankfort(M)	0.39	20.85	6.41	0.61	2.76	90	55	74	-2	169	2585	-30
Madison	Richmond(M)	0.45	20.20	6.68	-1.52	2.81	89	53	73	-1	163	2567	68
Mason	Maysville(M)	2.22	20.95	5.89	0.16	1.78	90	55	74	0	170	2505	151
Eastern KY													
Breathitt	Jackson(AP)	1.17	28.37	14.51	6.15	10.05	89	59	75	0	178	2767	203
Harlan	Harlan(M)	0.85	29.43	12.13	7.38	7.47	76	53	65	-9	110	1633	-835
Lawrence	Louisa(M)	0.98	21.52	5.38	1.50	1.31	92	58	75	0	175	2615	239
Pike	Pikeville(M)	2.93	30.60	14.31	10.58	10.24	83	57	70	-4	140	2188	-188
Pulaski	Somerset(M)	0.56	23.74	8.80	2.02	4.93	88	53	72	-2	159	2571	72
Rowan	Morehead(M)	1.85	24.58	9.09	2.05	4.53	88	54	73	0	163	2419	97

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