



# Crop Progress and Condition

**USDA, NASS, Kentucky Field Office**

David Knopf, Director  
PO Box 1120  
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 10, 2020

Issue: 21-20

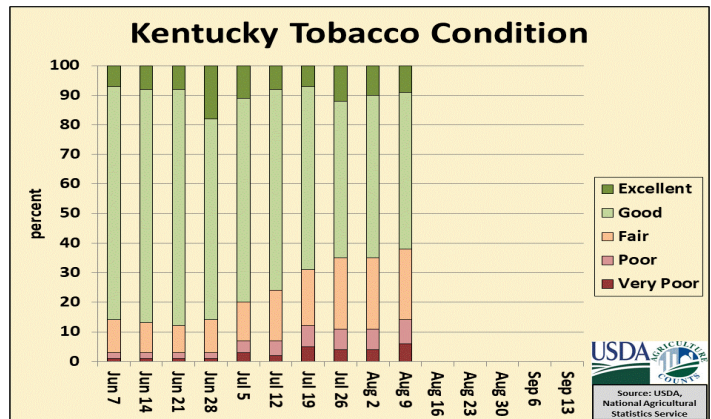
**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.26 inches, 0.67 inches below normal. Temperatures averaged 72 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 3 percent very short, 14 percent short, 73 percent adequate, and 10 percent surplus. **Subsoil moisture** was rated 2 percent very short, 14 percent short, 75 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

Primary activities for this week included topping tobacco, spraying field crops, and cutting hay. Cool temperatures with some extended dry periods allowed farmers in the fields this past week. The low humidity conditions were optimal for hay making. Corn is being sprayed for Southern Rust with the late planted crop particularly susceptible.

Corn and soybeans continue to be in good condition overall as the mild temperatures have limited heat stress commonly occurring this time of year. Tobacco is doing fairly well with 53 percent of the crop in good condition. Pressure from weed growth is minimal in pastures. Cooler temperatures and scattered rain have also encouraged healthy pastureland.

**SOIL MOISTURE for week ending 08/09/20**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	14	73	10
Subsoil	2	14	75	9



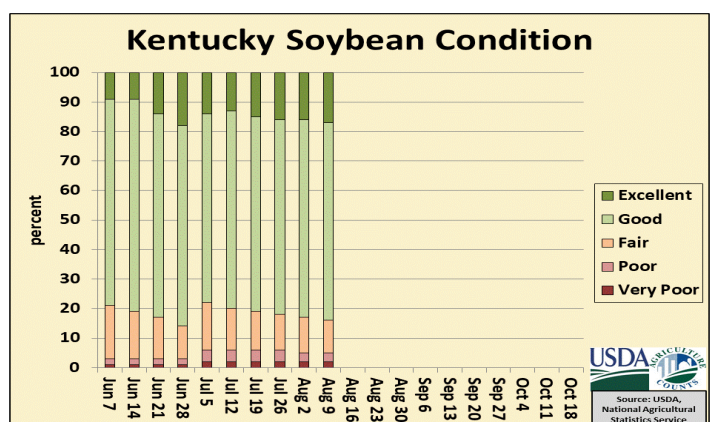
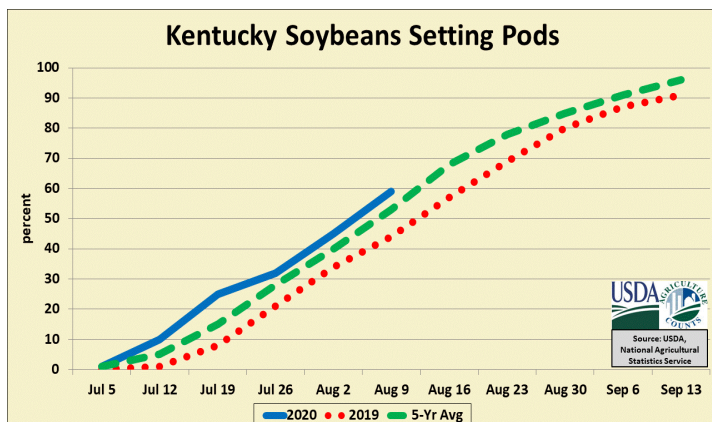
**CROP PROGRESS for week ending 08/09/20**

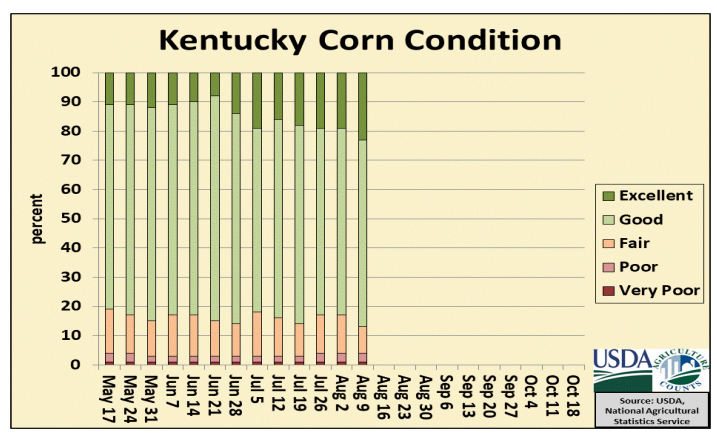
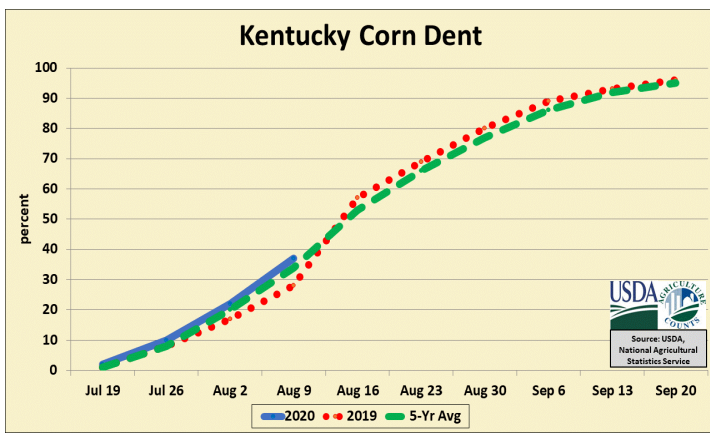
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	95	89	90	94
Corn Milked	81	64	71	76
Corn Dough	59	44	52	58
Corn Dent	37	22	28	34
Soybeans Blooming	77	67	70	75
Soybeans Setting Pods	59	45	44	53
Tobacco Blooming	75	64	75	73
Tobacco Topped	54	40	51	50
Tobacco Cut	4	-1	-1	-1

**CROP CONDITIONS for week ending 08/09/20**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	9	64	23
Pasture	3	9	22	58	8
Soybeans	2	3	11	67	17
Tobacco Set	6	8	24	53	9

-1 Represents not available.





**Kentucky Climate Summary  
For the Period August 3, 2020 to August 9, 2020**

Below Normal Temperatures and Rainfall:

Above normal rainfall has been the trend the past couple weeks, but that came to a halt over the first full week of August. Other than portions of Central Kentucky, rainfall was lacking for most of the state. Kentucky averaged about a quarter inch for the period, most of which coming over the first half of the week with the passage of a weak cold front. Coverage was lacking, staying isolated to scattered in nature. Behind the frontal passage, Kentucky saw a break in the heat and humidity with fall-like conditions in place. High temperatures only rose into the middle 70s to around 80 on Tuesday and Wednesday. This was accompanied by some unseasonably cool nights with some seeing lows in the mid to upper 50s. These temperatures are more typical of mid to late September in Kentucky. Saying that, the break did not last long as heat returned for the weekend, along with isolated to scattered storms across the western half of the state on Sunday.

Temperatures for the period averaged 72 degrees across the state which was 4 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 83 in the West to 84 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 63 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to near normal in the East. The extreme high temperature for the period was 92 degrees at KOOMER RIDGE and the extreme low was 53 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.26 inches statewide which was 0.67 inches below normal and 28% of normal. Precipitation totals by climate division, West 0.40 inches, Central 0.37 inches, Bluegrass 0.11 inches and East 0.15 inches, which was 0.49, 0.53, 0.79 and 0.86 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 2.71 inches at EVANSVILLE ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/09/20 4 p.m.**

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
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.38	23.76	5.40	5.61	1.19	87	57	71	-4	150	2,338	-110
Berea	0.05	20.21	2.15	1.61	-1.72	92	57	72	-3	156	2,211	-289
Bowling Green	0.36	18.71	4.47	-0.48	0.55	91	63	76	1	180	2,692	149
Bristol	0.33	18.49	5.91	2.51	2.34	89	60	75	0	174	2,278	-40
Buckhorn Lake	1.51	24.27	5.22	6.36	1.19	86	60	72	-3	158	2,184	-32
Cape Girardeau	0.21	16.04	3.78	-1.60	0.60	89	55	74	-3	165	2,670	6
Campbellsville	0.14	21.40	5.51	0.61	0.89	86	57	71	-4	147	2,252	-225
Covington	0.04	20.47	6.65	3.39	3.08	90	58	72	-3	155	2,340	63
Dix Dam	0.05	21.66	2.17	2.94	-2.00	89	58	72	-3	153	2,284	-153
Evansville	2.71	26.25	7.46	9.05	4.08	87	57	73	-4	160	2,543	12
Glasgow	1.14	21.91	6.59	1.22	2.17	87	60	72	-3	156	2,358	-101
Grayson	0.00	18.83	4.83	1.15	0.76	91	61	75	0	176	2,322	159
Hardinsburg	2.33	23.93	6.79	5.09	2.77	84	56	70	-5	144	2,318	-238
Henderson	0.79	22.12	4.73	4.51	1.30	85	55	70	-7	142	2,331	-251
Huntington	0.03	17.73	3.54	0.10	-0.63	89	62	74	-1	170	2,370	34
Jackson	0.12	20.92	4.64	2.11	0.26	88	63	74	-1	170	2,434	218
Lexington	0.08	17.36	2.95	-0.79	-1.26	89	57	72	-3	152	2,252	-110
London	0.00	23.42	4.21	5.90	0.33	89	59	74	-1	165	2,330	-8
Louisville	0.02	22.39	4.99	4.54	1.20	90	61	75	0	177	2,744	224
Mayfield	0.04	20.65	4.45	1.62	0.59	88	58	72	-5	154	2,502	-85
Nashville	0.00	15.60	3.57	-2.19	0.13	95	67	79	4	203	2,919	204
Nolin Lake	0.67	20.44	5.20	0.37	1.02	87	58	72	-3	156	2,506	162
Paducah	0.37	16.71	3.98	-2.45	0.44	90	59	75	-2	173	2,744	115
Princeton	0.03	20.42	3.72	1.36	-0.07	88	59	73	-4	160	2,434	-188
Quicksand	0.80	20.41	4.28	1.60	-0.10	88	62	74	-1	168	2,278	62
Somerset	0.02	27.11	4.52	7.42	0.38	88	57	71	-4	148	2,223	-147
Spindletop	0.00	16.67	1.31	-1.48	-2.90	88	62	73	-2	159	2,316	-46
Williamstown	0.11	19.20	6.54	1.26	2.68	87	57	70	-5	144	2,190	-122

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.