



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 24, 2020

Issue: 23-20

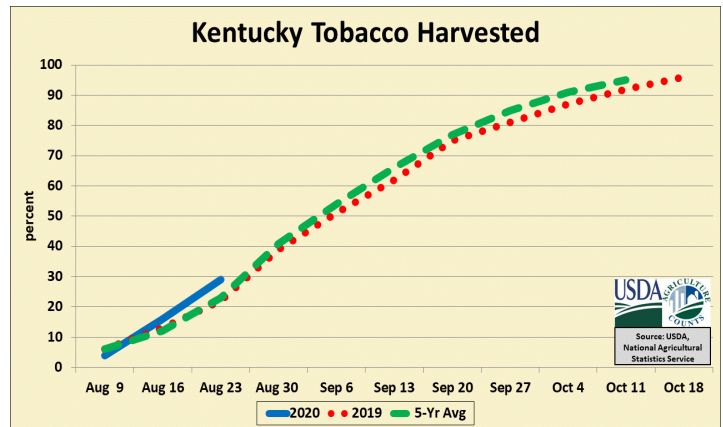
Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 0.98 inches, 0.14 inches above normal. Temperatures averaged 73 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 2 percent very short, 12 percent short, 75 percent adequate, and 11 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 5.3 out of a possible seven.

Primary activities for this week included cutting hay along with topping and cutting tobacco. Although temperatures were pleasant for the most part, heavy rain showers deterred fieldwork at times. Some flooding likely occurred due to the slow moving systems, however widespread flooding has not been observed at this time. Corn and soybeans are being sprayed, but a fair amount of Southern Rust on corn has been reported in portions of the state.

Corn and soybeans remain in mostly good condition on the whole. Tobacco is doing well overall with 55 percent of the crop in good condition. Pastures are in mostly good condition despite heavy rainfall at times. The state's hay crop appears to be doing well at this point in the season.

SOIL MOISTURE for week ending 08/23/20

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	12	75	11
Subsoil	2	14	75	9



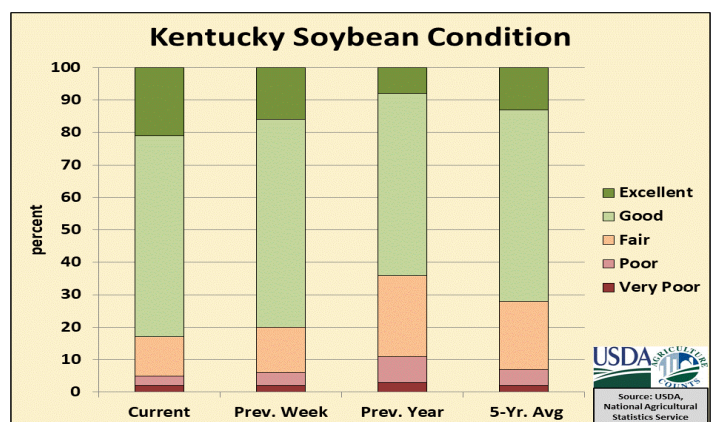
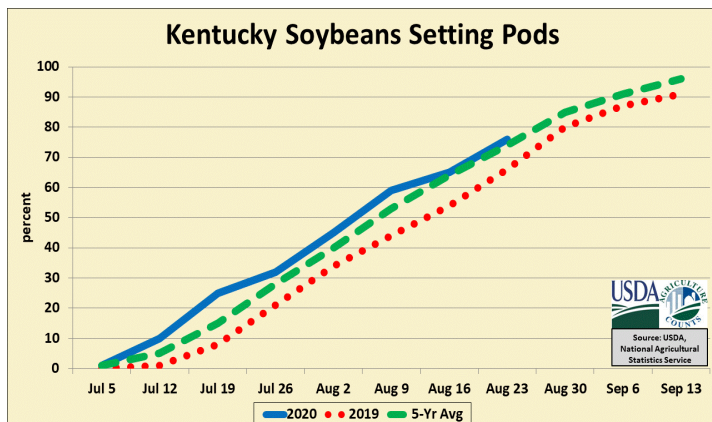
CROP PROGRESS for week ending 08/23/20

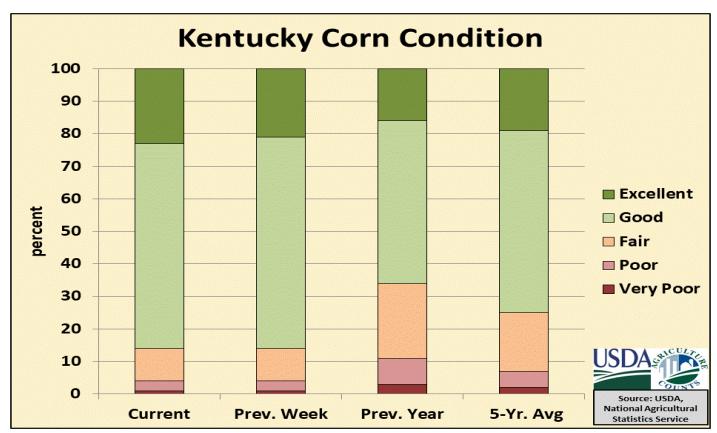
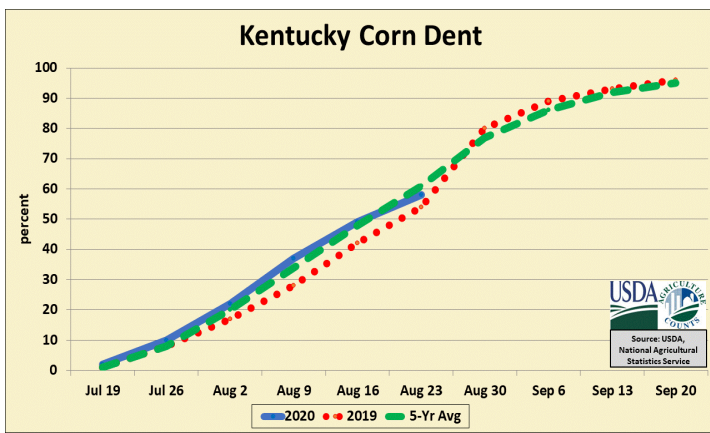
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	95	89	85	91
Corn Dough	79	71	74	80
Corn Dent	58	49	54	61
Corn Mature	22	10	20	25
Soybeans Blooming	89	84	85	89
Soybeans Setting Pods	76	65	66	74
Soybeans Coloring	12	8	14	13
Soybeans Dropping Leaves	4	-1	-	-
Tobacco Blooming	92	86	90	89
Tobacco Topped	79	68	73	74
Tobacco Cut	29	16	22	23

- Represents zero.
-1 Represents not available.

CROP CONDITIONS for week ending 08/23/20

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	10	63	23
Hay	1	5	23	58	13
Pasture	3	7	24	58	8
Soybeans	2	3	12	62	21
Tobacco Set	5	8	23	55	9





**Kentucky Climate Summary
For the Period August 17, 2020 to August 23, 2020**

Below Normal Temperatures and Above Normal Rainfall:

Focus early in the week was a cold front sinking into the region on Tuesday. Scattered to numerous showers and storms accompanied the boundary during the afternoon and evening hours. Some scattered activity was left across Southeastern Kentucky on Wednesday, but otherwise, cooler and less humid air was ushered into the area behind the front. Highs were only around 80 on Wednesday, before falling into the mid 50s to low 60s that night. The rest of the period followed a similar pattern with daily rounds of scattered showers/storms and cooler than normal temperatures. Going with the common theme in recent weeks, storms were capable of producing very heavy rainfall and with slow storm movements, opened the door to some flooding. Overall, the state average was above normal, but totals were quite different from one side of the state to the other. While Eastern Kentucky averaged 1.33 inches for the week, that number dropped to 0.46 inches for Western Kentucky.

Temperatures for the period averaged 73 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 84 in the West to 82 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 64 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 91 degrees at POPLAR BLUFF ASOS and the extreme low was 51 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 0.98 inches statewide which was 0.14 inches above normal and 116% of normal. Precipitation totals by climate division, West 0.46 inches, Central 0.96 inches, Bluegrass 1.19 inches and East 1.33 inches, which was -0.30, 0.11, 0.34 and 0.42 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 3.57 inches at FRANKFORT.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/23/20 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	1.17	25.68	3.17	5.75	-0.55	86	58	72	-1	158	2,682	-100
Berea	1.49	22.43	3.69	2.03	0.02	88	56	72	-1	156	2,552	-288
Bowling Green	1.15	23.45	6.84	2.68	3.47	88	64	76	3	180	3,084	194
Bristol	0.10	20.20	3.56	2.79	0.51	86	59	74	1	170	2,632	-12
Buckhorn Lake	1.94	27.85	7.61	8.29	4.12	83	58	72	-1	152	2,508	-14
Cape Girardeau	0.00	16.35	2.99	-2.87	-0.17	90	58	74	-1	164	3,053	35
Campbellsville	0.44	23.82	5.96	0.97	1.70	84	59	72	-1	156	2,590	-225
Covington	1.12	22.01	5.13	3.41	1.96	86	60	72	-1	156	2,686	86
Dix Dam	0.68	22.89	2.50	2.41	-1.19	88	58	73	0	162	2,632	-141
Evansville	1.06	27.95	8.48	9.34	5.52	90	59	75	0	174	2,924	51
Glasgow	1.62	23.97	7.49	1.46	3.64	84	61	73	0	162	2,712	-88
Grayson	1.37	22.22	7.17	2.85	3.60	86	56	74	1	165	2,682	204
Hardinsburg	1.05	26.79	8.04	6.25	4.47	84	59	72	-1	158	2,658	-242
Henderson	0.42	23.00	4.22	3.96	1.21	86	57	72	-3	155	2,667	-259
Huntington	2.05	20.24	4.36	0.83	0.64	88	58	74	1	170	2,734	72
Jackson	1.24	25.33	7.27	4.70	3.45	86	61	74	1	168	2,788	266
Lexington	0.75	18.96	4.06	-0.97	0.34	85	57	72	-1	154	2,592	-103
London	0.94	25.68	4.74	6.66	1.52	86	61	74	1	166	2,684	24
Louisville	1.70	26.51	7.61	7.06	4.26	89	61	77	4	188	3,142	271
Mayfield	0.25	22.86	4.54	2.10	0.97	86	58	73	-2	159	2,846	-83
Nashville	1.82	17.98	5.42	-1.38	2.21	91	66	78	5	193	3,331	248
Nolin Lake	0.70	22.29	5.55	0.53	1.95	90	61	75	2	174	2,882	214
Paducah	0.21	18.99	4.19	-1.68	1.04	90	62	75	0	174	3,128	147
Princeton	0.43	22.76	4.05	1.88	0.38	86	61	73	-2	164	2,790	-185
Quicksand	1.27	24.70	7.69	4.07	3.87	86	58	74	1	165	2,630	108
Somerset	0.83	28.90	3.41	7.44	-0.29	86	57	72	-1	154	2,554	-140
Spindletop	0.56	17.99	2.28	-1.94	-1.44	84	61	73	0	160	2,664	-31
Williamstown	1.01	21.27	6.19	1.64	2.69	83	57	71	-2	147	2,512	-124

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