



Crop Progress and Condition

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In Cooperation with:

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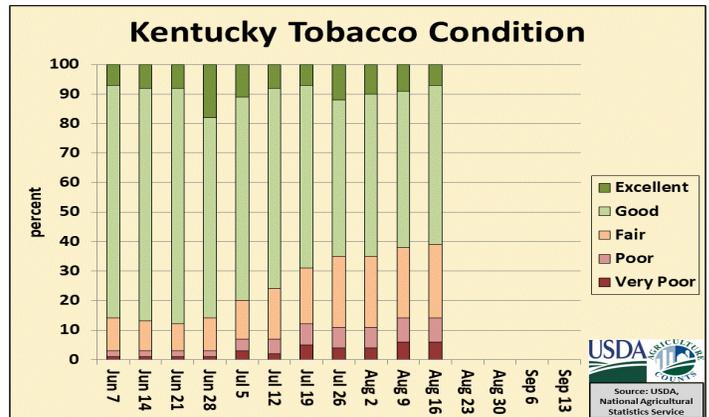
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.30 inches, 0.44 inches above normal. Temperatures averaged 77 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 3 percent very short, 13 percent short, 74 percent adequate, and 10 percent surplus. **Subsoil moisture** was rated 4 percent very short, 15 percent short, 73 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 4.9 out of a possible seven.

Primary activities for this week included topping and cutting tobacco, spraying, and cutting hay. Scattered storms and rain disrupted field activities at times over the past week. There were some areas that were subject to excessive rain and flooding, however damage has not been evaluated at this juncture. The effect of Southern Rust on corn where fungicide was not sprayed is not yet clear. Pasture and hay regrowth will be promoted in areas where the rainfall was more moderate.

Corn and soybeans continue to be in good condition. Tobacco is doing well overall with 54 percent of the crop in good condition. Pastures are in mostly good condition, however heavy rain may have been a detriment in the areas where it occurred.

SOIL MOISTURE for week ending 08/16/20

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	13	74	10
Subsoil	4	15	73	8



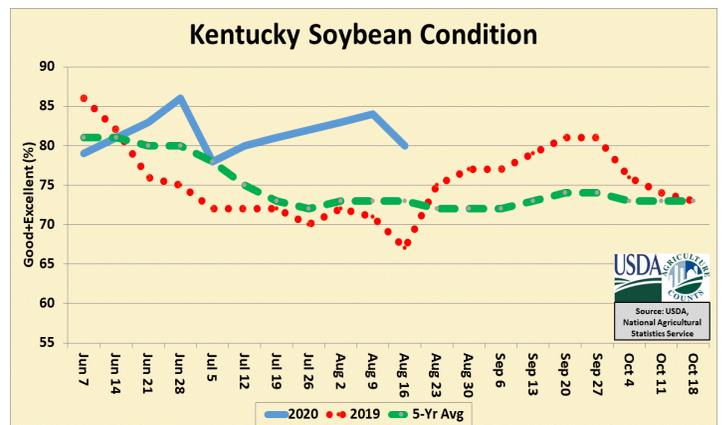
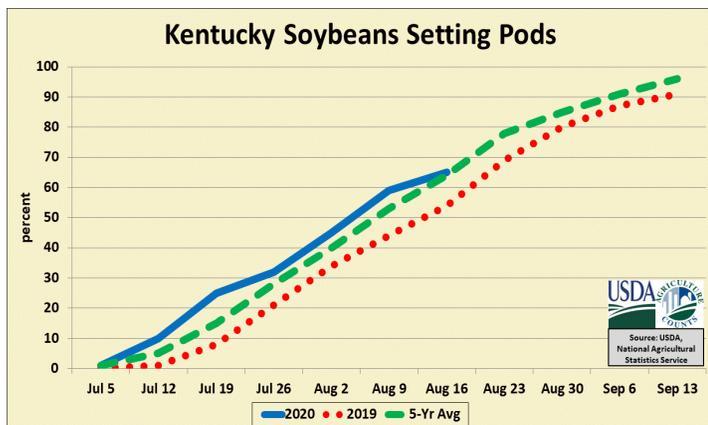
CROP PROGRESS for week ending 08/16/20

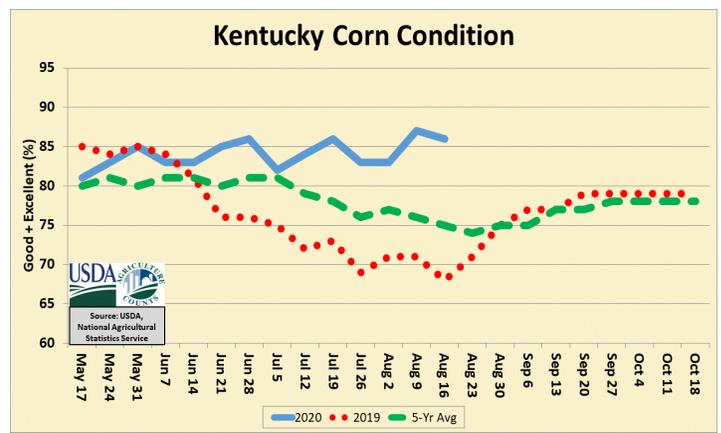
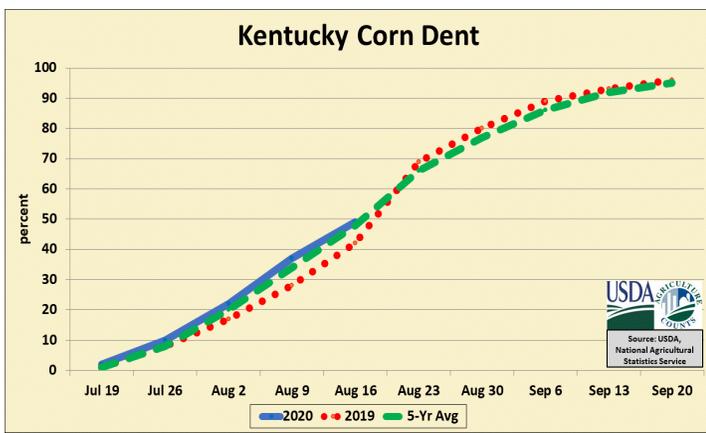
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	89	81	80	85
Corn Dough	71	59	65	70
Corn Dent	49	37	42	48
Corn Mature	10	-1	10	10
Soybeans Blooming	84	77	78	83
Soybeans Setting Pods	65	59	54	64
Soybeans Coloring	8	5	9	7
Tobacco Blooming	86	75	83	82
Tobacco Topped	68	54	65	63
Tobacco Cut	16	4	13	12

CROP CONDITIONS for week ending 08/16/20

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	10	65	21
Pasture	3	8	25	56	8
Soybeans	2	4	14	64	16
Tobacco Set	6	8	25	54	7

-1 Represents not available.





**Kentucky Climate Summary
For the Period August 10, 2020 to August 16, 2020**

Above Normal Temperatures and Rainfall:

Kentucky averaged 1.30 inches for the period, marking the third time in the past four weeks that the state average has been above normal. The wet pattern persisted for much of the week, starting with an area of light to moderate showers passing southeast through the Bluegrass and Eastern Kentucky on Monday. Some of the most significant activity occurred on Wednesday through Friday with scattered to numerous showers and storms in place. The slow-moving nature of these storms, combined with torrential rainfall, led to numerous bouts of flash flooding. 1 to 2+ inches was common with the strongest storms. The week closed with the passage of a cold front on Sunday, which pushed a broken line of showers and storms through mainly the eastern half of the state. Looking back at the past 30 days, the state has averaged 5.30 inches, which is 1.31 inches above normal.

Temperatures for the period averaged 77 degrees across the state which was 2 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 70 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at POPLAR BLUFF ASOS and the extreme low was 61 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 1.30 inches statewide which was 0.44 inches above normal and 151% of normal. Precipitation totals by climate division, West 1.21 inches, Central 1.90 inches, Bluegrass 0.88 inches and East 1.22 inches, which was 0.41, 1.06, 0.01 and 0.28 inches above normal. By station, precipitation totals ranged from a low of 0.08 inches at ELKTON 5SW to a high of 5.31 inches at FORT KNOX.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/16/20 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
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	0.75	24.51	4.67	5.47	0.71	87	65	76	2	186	2,524	-91
Berea	0.73	20.94	2.87	1.44	-0.90	91	63	76	2	184	2,396	-274
Bowling Green	3.59	22.30	7.60	2.32	3.95	92	68	80	6	211	2,904	188
Bristol	1.61	20.10	6.28	3.40	2.97	91	61	76	2	184	2,461	-20
Buckhorn Lake	1.64	25.91	6.55	7.18	2.79	85	63	74	0	172	2,356	-13
Cape Girardeau	0.31	16.35	3.18	-2.08	0.01	92	65	81	5	218	2,888	47
Campbellsville	1.98	23.38	6.88	1.56	2.44	87	65	76	2	182	2,434	-212
Covington	0.42	20.89	6.34	3.05	2.97	89	67	77	3	190	2,530	91
Dix Dam	0.55	22.21	2.33	2.61	-1.60	88	65	77	3	187	2,471	-134
Evansville	0.64	26.89	7.54	8.98	4.37	93	68	80	4	207	2,750	48
Glasgow	0.44	22.35	6.30	0.75	2.16	90	65	78	4	194	2,551	-79
Grayson	2.02	20.85	6.12	2.32	2.30	92	63	78	4	195	2,518	198
Hardinsburg	1.81	25.74	7.37	6.05	3.57	90	64	76	2	183	2,501	-227
Henderson	0.46	22.58	4.08	4.25	0.86	90	62	76	0	181	2,512	-242
Huntington	0.46	18.19	3.80	-0.33	-0.14	92	64	78	4	193	2,564	65
Jackson	3.17	24.09	6.76	4.37	2.66	88	65	76	2	186	2,620	251
Lexington	0.85	18.21	3.47	-0.83	-0.49	89	63	76	2	185	2,437	-91
London	1.32	24.74	5.35	6.47	1.80	92	64	77	3	189	2,519	20
Louisville	2.42	24.81	7.20	6.16	3.63	90	70	80	6	210	2,954	258
Mayfield	1.96	22.61	5.68	2.71	1.97	90	61	76	0	184	2,686	-72
Nashville	0.56	16.16	4.13	-2.42	0.81	97	70	81	7	219	3,138	239
Nolin Lake	1.15	21.59	5.40	0.67	1.51	96	67	79	5	202	2,708	202
Paducah	2.07	18.78	6.05	-1.13	2.70	93	68	80	4	210	2,954	149
Princeton	1.91	22.33	4.90	2.36	1.17	90	65	77	1	191	2,626	-173
Quicksand	3.02	23.43	7.13	3.71	3.03	89	64	77	3	188	2,465	96
Somerset	0.96	28.07	4.75	7.50	0.83	89	63	75	1	178	2,401	-131
Spindletop	0.76	17.43	1.74	-1.61	-2.22	86	66	77	3	188	2,504	-24
Williamstown	1.06	20.26	6.46	1.47	2.78	86	65	75	1	176	2,366	-108

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