



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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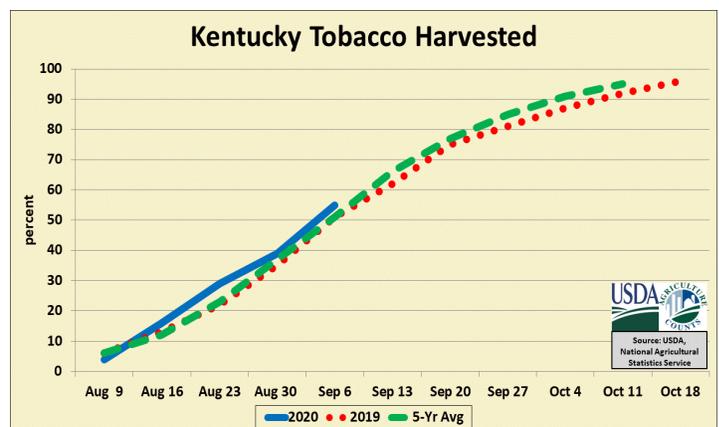
**Agricultural News:** Kentucky experienced above normal temperatures and well above normal rainfall over the past week. Precipitation for the week totaled 2.11 inches, 1.34 inches above normal. Temperatures averaged 74 degrees for the week, 1 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 6 percent short, 74 percent adequate, and 18 percent surplus. **Subsoil moisture** was rated 2 percent very short, 6 percent short, 78 percent adequate, and 14 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven.

Primary activities for this week included topping and cutting tobacco along with corn harvesting. Fieldwork was stymied for much of the week due to widespread heavy rainfall. The persistent showers led to some localized flooding and crop damage. The precipitation has been beneficial in some areas promoting pasture growth, however weeds may become a problem. The latter part of the week brought drier conditions and farmers will likely make up for lost harvesting time.

Corn and soybean conditions continue to be mostly good despite the heavy rain this past week. Tobacco is doing well overall with 65 percent of the crop in good condition. Pastures are in mostly good condition and, as mentioned above, may see strong growth from the persistent rain in some areas. Housed tobacco is in good condition overall, however precipitation, along with moisture from dew and fog, may be a detriment in some cases.

**SOIL MOISTURE for week ending 09/06/20**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	6	74	18
Subsoil	2	6	78	14



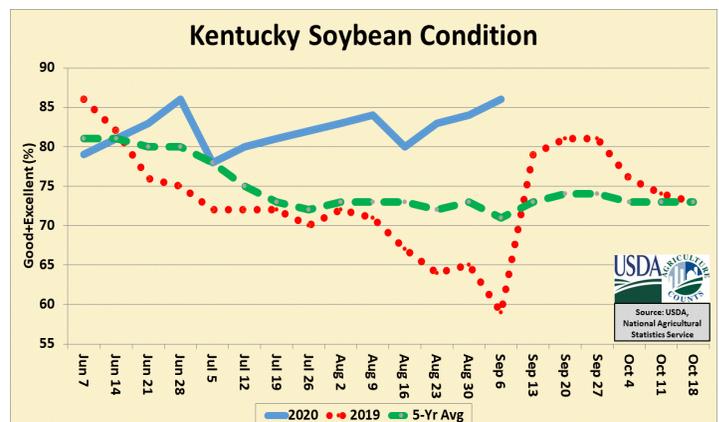
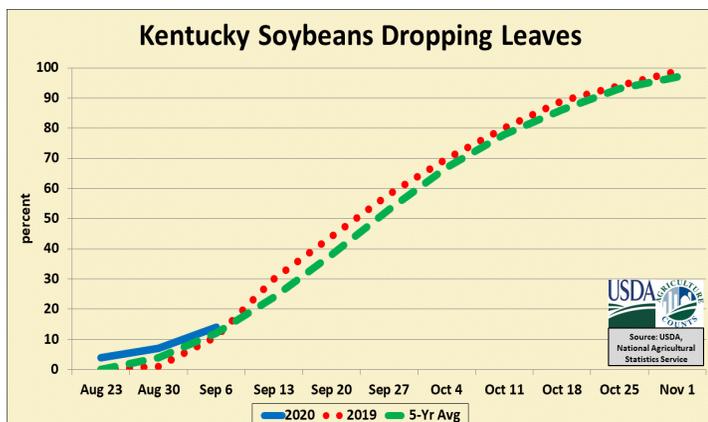
**CROP PROGRESS for week ending 09/06/20**

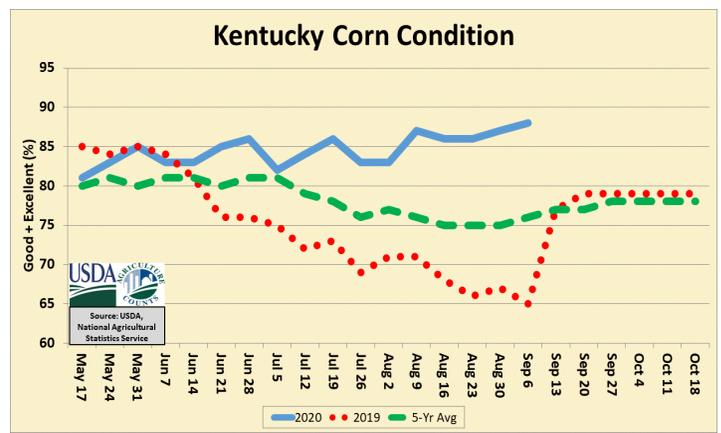
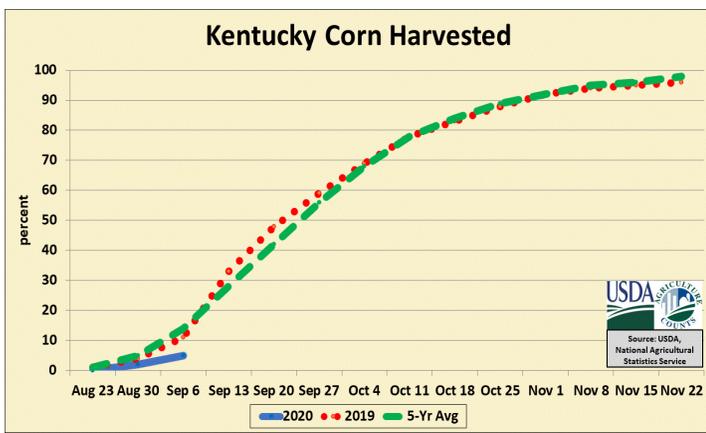
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	94	91	90	94
Corn Dent	82	73	81	84
Corn Mature	51	37	54	59
Corn Harvested	5	2	11	14
Soybeans Setting Pods	90	83	85	90
Soybeans Coloring	32	20	29	33
Soybeans Dropping Leaves	14	7	11	12
Tobacco Topped	92	87	87	90
Tobacco Cut	52	39	51	51

**CROP CONDITIONS for week ending 09/06/20**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	8	64	24
Pasture	2	7	22	60	9
Soybeans	1	3	10	62	24
Tobacco Set	3	6	19	65	7
Tobacco Housed	10	17	22	43	8

-1 Shown when data not available.





**Kentucky Climate Summary  
For the Period August 31, 2020 to September 6, 2020**

Above Normal Temperatures and Well Above Normal Rainfall:

An active pattern led to excessive rainfall for much of the state this period. Most of the rain fell between Monday through Thursday as Kentucky saw daily rounds of showers and storms. Coverage turned widespread at times and with a moist air mass in place, storms were capable of producing very heavy rainfall and led to some localized flooding. Overall, the state averaged 2.11 inches, which is well over an inch above normal for this time of year. 1 to 2+ inch total accumulations were widespread across Kentucky with very few stations below an inch. As a side-note, preliminary data from August shows the state averaged 5.02 inches for the month, which would be good for an 11th straight month of above normal precipitation. All eyes then turned to Thursday night and Friday as a cold front pushed through the Ohio Valley. This boundary opened the door to a dry Labor Day weekend with cooler temperatures and lower humidity. High temperatures for Derby Day were only in the upper 70s to middle 80s, before taking a bit of a jump on Sunday. Lows each night dipped into the 50s.

Temperatures for the period averaged 74 degrees across the state, which was 1 degree warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 83 in the West to 83 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 89 degrees at BOONEVILLE 2S and the extreme low was 49 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 2.11 inches statewide, which was 1.34 inches above normal and 275% of normal. Precipitation totals by climate division, West 2.31 inches, Central 2.20 inches, Bluegrass 2.06 inches and East 1.87 inches, which was 1.6, 1.36, 1.33 and 1.08 inches above normal. By station, precipitation totals ranged from a low of 0.65 inches at FORT KNOX to a high of 4.16 inches at COLUMBIA 3N.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/06/20 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	1.46	28.22	4.46	6.64	1.03	84	54	73	2	162	3,038	-46
Berea	3.55	27.35	7.14	5.12	3.51	86	52	73	3	159	2,894	-255
Bowling Green	0.97	25.68	6.97	3.26	3.74	87	57	77	6	186	3,478	273
Bristol	0.67	21.64	3.15	2.76	0.25	89	52	75	5	176	3,000	60
Buckhorn Lake	2.04	31.26	6.99	10.03	3.67	85	54	73	3	162	2,841	41
Cape Girardeau	1.40	18.84	2.80	-1.99	-0.39	86	55	74	1	168	3,416	77
Campbellsville	4.04	28.79	7.39	3.83	3.22	85	52	73	2	162	2,936	-188
Covington	1.15	23.65	3.18	3.61	0.23	84	51	73	3	162	3,039	148
Dix Dam	2.59	26.40	4.74	4.23	1.29	85	52	74	4	166	2,990	-91
Evansville	1.67	30.84	4.59	10.84	1.79	86	55	75	2	174	3,298	114
Glasgow	2.40	28.36	6.45	4.03	2.81	84	55	73	2	163	3,064	-48
Grayson	2.78	25.86	7.03	4.97	3.82	87	54	73	3	164	3,034	274
Hardinsburg	2.05	29.26	5.33	7.01	1.92	84	55	73	2	160	3,002	-215
Henderson	2.61	25.90	3.78	5.35	0.84	85	52	72	-1	158	3,006	-236
Huntington	1.31	22.03	4.30	1.04	0.94	87	56	74	4	172	3,096	141
Jackson	1.93	28.53	7.61	6.17	4.06	87	58	75	5	175	3,152	352
Lexington	1.86	21.69	4.33	0.11	0.90	85	51	73	3	160	2,940	-55
London	1.92	29.34	5.92	8.77	2.87	86	54	75	5	174	3,043	91
Louisville	2.97	29.99	7.60	9.00	4.46	87	59	77	6	188	3,546	357
Mayfield	1.63	25.69	5.04	3.15	1.53	87	54	74	1	164	3,194	-51
Nashville	0.59	21.21	5.61	0.28	2.47	90	59	79	8	202	3,750	330
Nolin Lake	3.77	26.89	6.45	3.32	2.94	90	54	74	3	168	3,250	287
Paducah	1.89	21.85	5.14	-0.42	2.03	88	58	75	2	178	3,508	205
Princeton	3.66	27.43	7.01	4.85	3.50	86	55	73	0	162	3,142	-157
Quicksand	2.27	28.05	7.64	5.69	4.09	87	55	74	4	170	2,985	185
Somerset	2.44	33.41	6.30	10.14	2.72	85	53	73	3	160	2,894	-93
Spindletop	1.97	21.00	4.33	-0.58	0.90	84	55	73	3	160	3,014	19
Williamstown	2.54	24.52	5.32	3.29	2.03	82	51	72	2	152	2,846	-84

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