



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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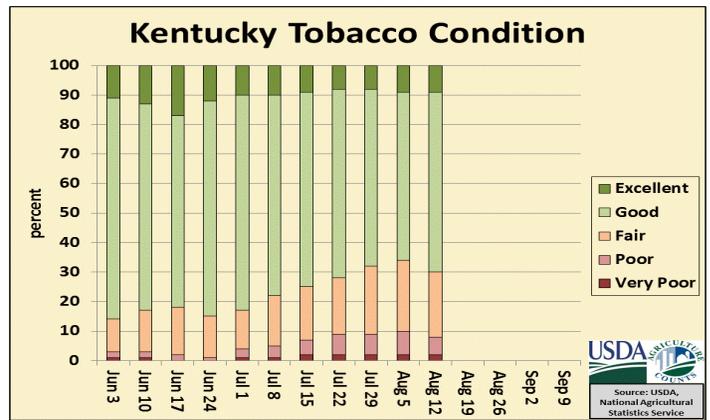
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**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.25 inches, 0.34 inches above normal. Temperatures averaged 77 degrees for the week, 1 degrees above normal. **Topsoil moisture** was rated 5 percent very short, 30 percent short, 60 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 4 percent very short, 31 percent short, 59 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible seven.

Primary activities for this week included hay harvesting, topping of tobacco, and spraying. There were also reports of a small portion of the tobacco crop being cut. In parts of the state scattered rain showers limited field activity, but improved conditions. There were a few pockets of the state that received heavy rain, however crop damage was not seen on a large scale. Corn, soybeans, and tobacco are in mostly good condition at this point in the season as was pasture ground.

**SOIL MOISTURE for week ending 08/12/18**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	5	30	60	5
Subsoil	4	31	59	6



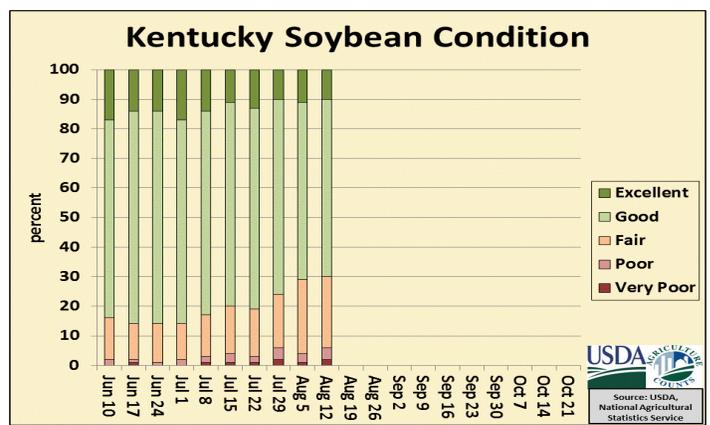
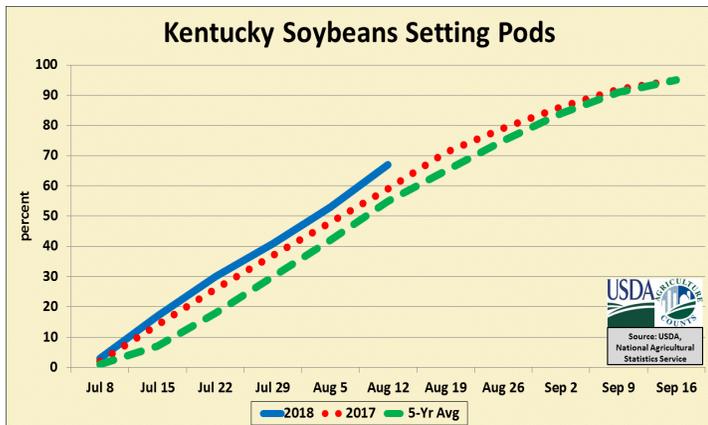
**CROP PROGRESS for week ending 08/12/18**

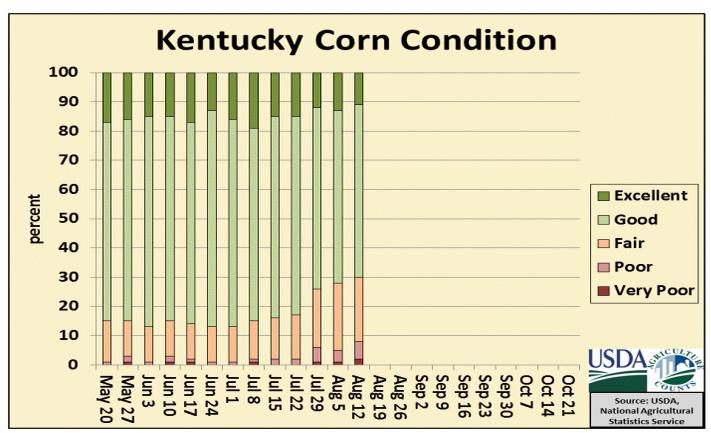
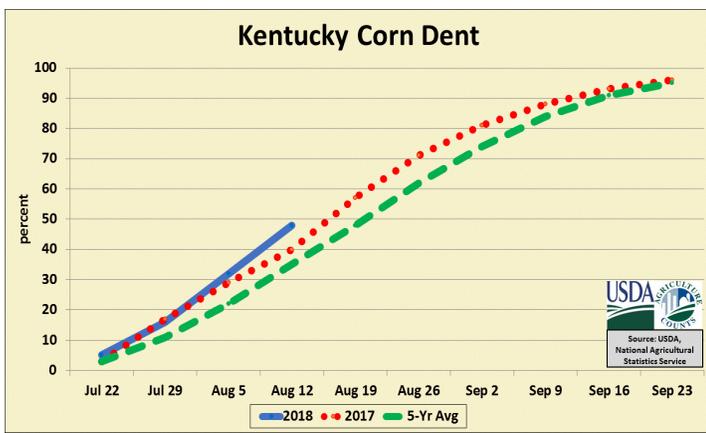
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	96	94	95	95
Corn Milked	85	77	79	78
Corn Dough	70	58	62	58
Corn Dent	48	32	40	35
Corn Mature	8	-1	7	3
Soybeans Blooming	86	76	78	76
Soybeans Setting Pods	67	53	59	55
Soybeans Coloring	5	1	4	-1
Tobacco Blooming	77	68	78	77
Tobacco Topped	55	45	57	54
Tobacco Cut	6	-1	-1	-1

**CROP CONDITIONS for week ending 08/12/18**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	6	22	59	11
Pasture	2	8	23	58	9
Soybeans	2	4	24	60	10
Tobacco Set	2	6	22	61	9

-1 Shown when data not available.





**Kentucky Climate Summary  
For the Period August 6, 2018 to August 12, 2018**

Above Normal Temperatures and Rainfall:

The state remained situated within an active pattern for a second straight week as Kentucky saw near daily bouts of showers and storms. While not everyone saw rainfall each day, the repetitive nature of the storms led to significant accumulations for much of Kentucky. The highest totals were seen across the Bluegrass, South-Central, and Southeastern Kentucky where 2+ inches was observed for many locations, even prompting some flooding issues. Portions of the Purchase area across Western Kentucky also benefited with an inch+. The much-welcomed rainfall occurred as the US Drought Monitor downgraded portions of the Purchase area into a Moderate drought with the latest update on Thursday. Until this period, Western Kentucky had gone three straight weeks of seeing below normal rainfall. While much of the state did see significant rainfall, one exception was counties bordering the Ohio River from Union County to roughly Jefferson, which received minimal amounts for the period.

Temperatures for the period averaged 77 degrees across the state which was 1 degree warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from near normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at MADISONVILLE 4S and the extreme low was 61 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 1.25 inches statewide which was 0.34 inches above normal and 138% of normal. Precipitation totals by climate division, West 1.08 inches, Central 1.07 inches, Bluegrass 1.43 inches and East 1.42 inches, which was 0.22, 0.19, 0.55 and 0.42 inches above normal. By station, precipitation totals ranged from a low of 0.03 inches at EVANSVILLE ASOS to a high of 4.14 inches at PIKEVILLE 13S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/12/18 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>				
Bardstown	2.31	21.62	5.81	3.09	1.71	90	64	76	1	184	2,706	187
Berea	0.88	27.84	7.86	8.86	4.03	88	61	76	2	178	2,540	-32
Bowling Green	1.07	14.48	2.86	-5.05	-0.95	96	65	80	5	210	3,125	508
Bristol	0.85	20.05	5.39	3.76	1.93	90	65	76	2	183	2,623	235
Buckhorn Lake	1.17	19.32	4.07	1.06	0.16	86	65	75	1	174	2,616	334
Cape Girardeau	0.66	20.29	1.43	2.31	-1.75	93	65	80	3	206	3,054	314
Campbellsville	0.30	16.69	0.72	-4.54	-3.82	89	64	76	1	180	2,614	65
Covington	1.82	16.22	5.32	-1.19	1.83	90	65	77	3	189	2,736	390
Cumberland Gap	2.47	23.35	7.57	3.25	3.17	88	65	76	2	180	2,630	260
Dix Dam	0.46	23.07	4.30	3.97	0.23	90	62	77	3	190	2,668	159
Evansville	0.03	22.46	2.75	4.96	-0.54	91	66	79	2	200	2,952	348
Glasgow	1.62	20.08	5.00	-1.00	0.70	91	64	77	2	186	2,802	270
Grayson	1.54	30.17	9.36	12.13	5.40	88	63	76	2	181	2,534	304
Hardinsburg	1.53	20.96	5.28	1.76	1.35	91	64	77	2	190	2,843	214
Henderson	0.14	15.57	1.04	-2.35	-2.30	92	66	78	1	198	2,976	320
Huntington	1.65	19.22	6.73	1.20	2.66	89	65	77	3	189	2,690	285
Jackson	1.91	22.55	6.18	3.35	1.92	87	65	76	2	182	2,742	460
Lexington	1.72	23.20	6.79	4.67	2.69	91	64	77	3	192	2,804	371
London	0.00	24.72	5.75	6.88	2.01	88	65	76	2	186	2,696	289
Louisville	0.56	21.33	5.37	3.14	1.67	92	71	81	6	216	3,164	569
Mayfield	1.12	18.33	1.53	-1.07	-2.27	94	66	79	2	204	2,988	328
Nashville	0.78	12.91	2.07	-5.22	-1.32	96	67	80	5	208	3,080	286
Nolin Lake	0.37	17.79	3.19	-2.64	-0.87	96	65	79	4	202	2,908	494
Paducah	0.52	19.79	1.20	0.31	-2.26	95	66	81	4	214	3,158	454
Princeton	0.55	20.78	1.39	1.33	-2.38	92	64	78	1	196	2,922	224
Quicksand	1.05	21.43	5.13	2.23	0.87	86	67	76	2	183	2,636	354
Somersets	1.64	26.89	5.04	6.82	1.00	88	63	75	1	178	2,600	160
Spindletop	1.72	28.22	5.71	9.69	1.61	92	65	78	4	200	2,800	367
Williamstown	0.71	23.46	5.20	5.16	1.42	87	65	76	2	184	2,540	158

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