



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

Released: August 27, 2018

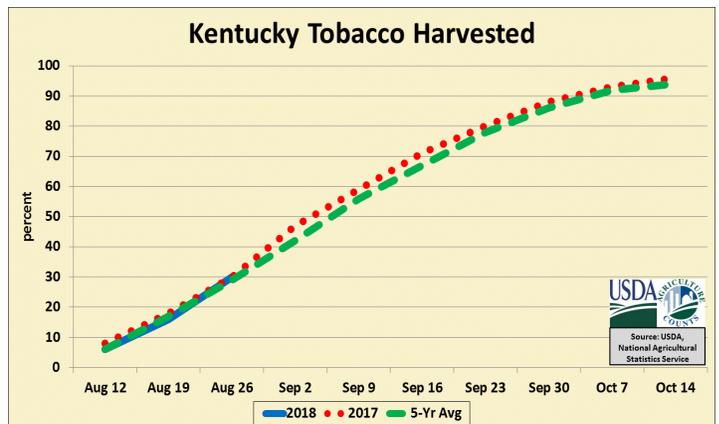
Issue: 26-18

Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.55 inches, 0.27 inches below normal. Temperatures averaged 73 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 2 percent very short, 18 percent short, 73 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 4 percent very short, 19 percent short, 70 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

Primary activities for this week included cutting and topping tobacco along with continued hay harvesting. Although fieldwork was limited at times due to scattered rain, progress was evident. Corn harvest has begun, but is still in the initial stage. Corn, soybeans, tobacco, and pasture remain in mostly good condition at this juncture. Harvested hay was also reported as in mostly good condition.

SOIL MOISTURE for week ending 08/26/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	18	73	7
Subsoil	4	19	70	7



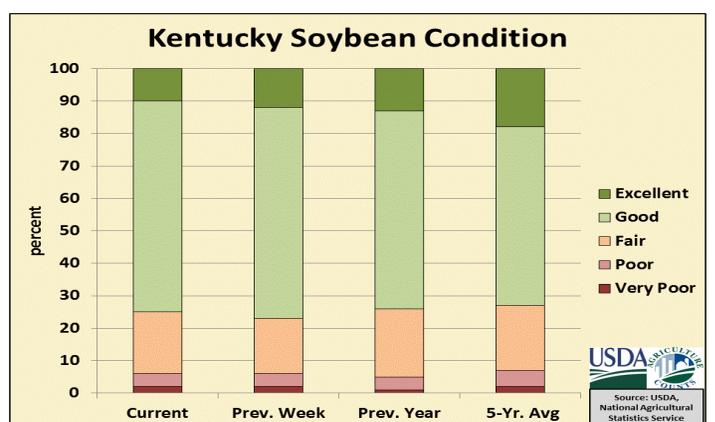
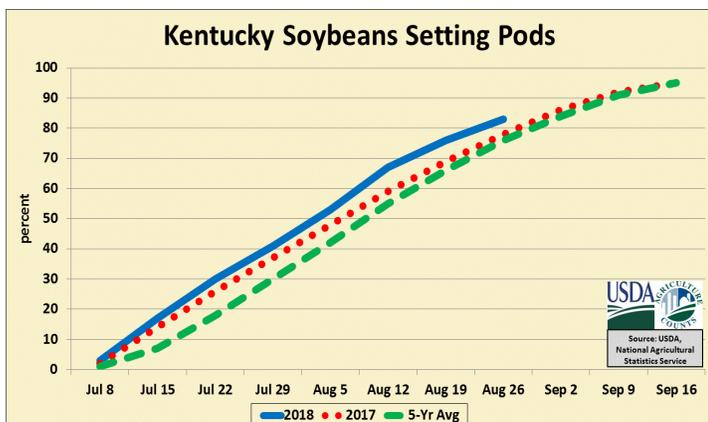
CROP PROGRESS for week ending 08/26/18

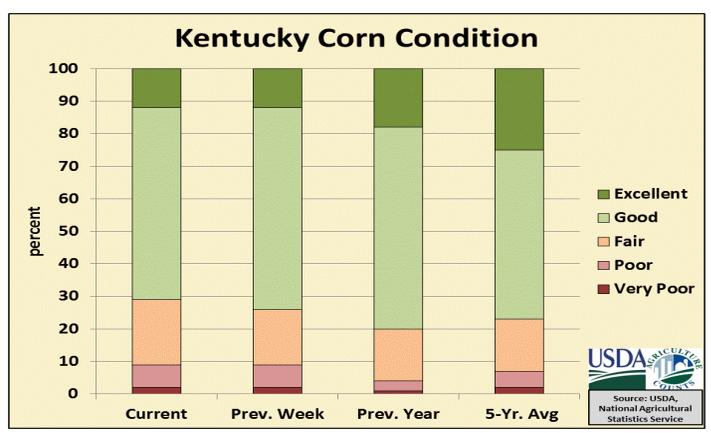
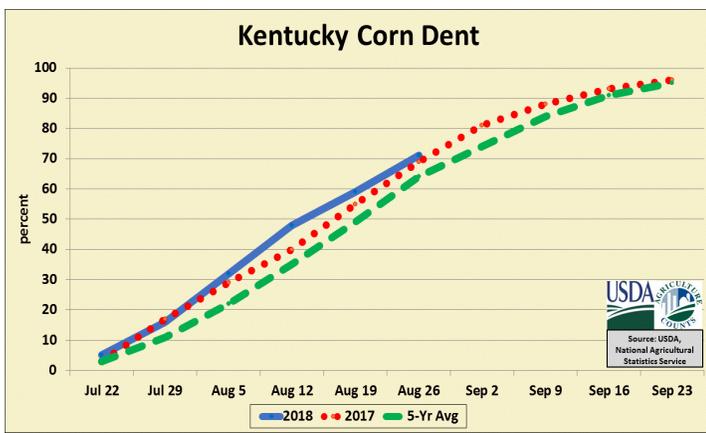
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	95	92	92	93
Corn Dough	88	80	85	81
Corn Dent	71	59	69	64
Corn Mature	47	21	37	24
Corn Harvested	1	-	3	1
Soybeans Blooming	95	91	89	90
Soybeans Setting Pods	83	76	78	76
Soybeans Coloring	21	13	16	-1
Soybeans Dropping Leaves	1	-	3	1
Tobacco Blooming	90	85	91	91
Tobacco Topped	77	69	79	77
Tobacco Cut	30	16	30	29

CROP CONDITIONS for week ending 08/26/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	7	20	59	12
Hay	1	6	28	52	13
Pasture	2	7	24	56	11
Soybeans	2	4	19	65	10
Tobacco Set	3	6	26	55	10

- Represents zero.
-1 Represents not available.





**Kentucky Climate Summary
For the Period August 20, 2018 to August 26, 2018**

Below Normal Temperatures and Rainfall:

Rainfall was scattered in coverage for most of the week, leading to quite different totals from one location to another. While some locations picked up more than an inch of rainfall, others were under a tenth. A couple rounds of storms early in the period ended on Tuesday with the passage of a cold front. Behind the boundary, much cooler and drier air filtered into the Bluegrass State, bringing the area a glimpse of fall. Highs only rose into the 70s midweek and lows dropped into the 50s. Saying that, the fall-like air mass was short lived as heat and humidity gradually returned over the weekend. By Sunday, high temperatures were back to around 90 with the heat index in the middle 90s to around 100.

Temperatures for the period averaged 73 degrees across the state which was 2 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 82 in the West to 82 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 65 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 94 degrees at GREENVILLE 6N and the extreme low was 49 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 0.55 inches statewide which was 0.27 inches below normal and 67% of normal. Precipitation totals by climate division, West 0.54 inches, Central 0.59 inches, Bluegrass 0.70 inches and East 0.37 inches, which was 0.2, 0.24, 0.12 and 0.51 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at MCKEE 5S to a high of 1.55 inches at CAMPBELLSVILLE 7W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/26/18 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	0.80	23.68	6.16	3.37	2.54	89	53	73	0	163	3,053	199
Berea	1.18	30.75	6.29	9.96	2.66	88	50	71	-1	150	2,854	-59
Bowling Green	0.11	16.23	2.83	-4.88	-0.42	93	56	76	3	182	3,516	552
Bristol	0.11	22.04	4.11	4.32	1.17	87	52	72	0	154	2,950	236
Buckhorn Lake	0.52	20.69	3.51	0.78	0.14	86	51	71	-1	149	2,932	345
Cape Girardeau	0.71	22.11	2.94	2.55	-0.22	90	53	73	-2	161	3,406	312
Campbellsville	1.55	20.18	4.21	-3.11	0.03	88	53	72	-1	156	2,944	56
Covington	0.37	22.04	8.45	3.12	5.37	90	53	74	2	165	3,081	411
Cumberland Gap	0.32	26.69	6.37	4.64	2.40	86	53	72	0	155	2,960	267
Dix Dam	1.19	26.72	5.52	5.86	1.93	89	53	73	1	162	3,008	162
Evansville	0.22	23.38	3.50	4.47	0.63	93	56	74	-1	167	3,316	369
Glasgow	0.75	23.36	5.61	0.46	1.89	89	54	74	1	165	3,154	281
Grayson	1.04	31.55	4.97	11.81	1.51	87	52	71	-1	148	2,850	305
Hardinsburg	0.21	23.10	6.56	2.19	3.08	90	54	73	0	161	3,194	220
Henderson	0.16	16.13	1.17	-3.22	-1.75	92	52	73	-2	160	3,326	326
Huntington	1.49	22.63	6.67	2.84	3.05	89	53	72	0	155	3,018	286
Jackson	0.05	23.96	4.84	2.95	1.14	89	54	73	1	163	3,080	493
Lexington	0.77	25.43	5.37	5.12	1.75	89	53	74	2	166	3,147	381
London	0.15	25.66	1.85	6.32	-1.23	88	53	72	0	158	3,032	302
Louisville	0.40	25.72	6.90	5.93	3.64	90	60	76	3	186	3,556	609
Mayfield	0.89	19.64	2.45	-1.49	-1.05	92	54	75	0	176	3,362	360
Nashville	0.38	15.34	4.50	-4.35	1.34	93	60	77	4	192	3,486	324
Nolin Lake	0.74	20.76	3.34	-1.37	-0.13	90	55	75	2	177	3,271	534
Paducah	0.61	20.74	2.15	-0.25	-0.92	92	53	75	0	174	3,532	475
Princeton	0.76	22.12	2.18	0.86	-1.46	90	52	74	-1	166	3,280	230
Quicksand	0.31	23.40	3.76	2.39	0.06	89	53	73	1	158	2,972	385
Somerset	0.41	28.45	4.73	6.61	1.13	88	53	72	0	154	2,928	165
Spindletop	1.27	31.49	5.22	11.18	1.60	91	54	74	2	168	3,154	388
Williamstown	0.92	27.22	6.97	7.23	3.55	88	53	72	0	153	2,864	159

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