



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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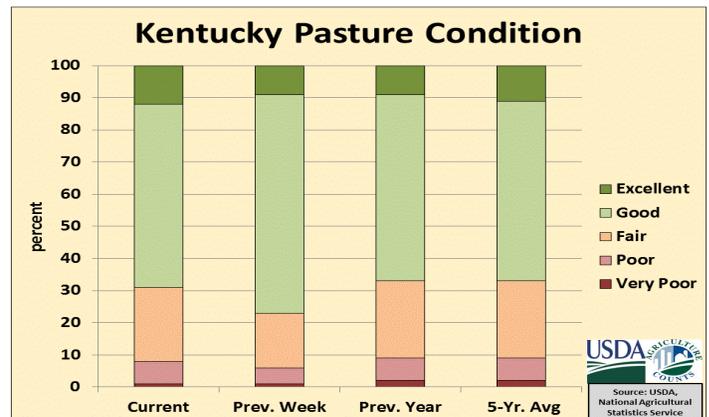
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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.59 inches, 0.40 inches below normal. Temperatures averaged 79 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 10 percent short, 75 percent adequate and 14 percent surplus. **Subsoil moisture** was rated 1 percent very short, 8 percent short, 76 percent adequate, and 15 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven.

Primary activities this week included scouting fields, topping tobacco, cutting hay, harvesting winter wheat, and planting soybeans. Varied precipitation across the state has left some fields in standing water, other areas with scattered showers, to extremely dry. In sections of the state that have experienced lower precipitation recently, crops are showing signs of moisture and heat stress. Some tobacco producers are reporting incidences of target and frog-eye leaf spot, and spraying fungicides to help control.

SOIL MOISTURE for week ending 07/14/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	10	75	14
Subsoil	1	8	76	15



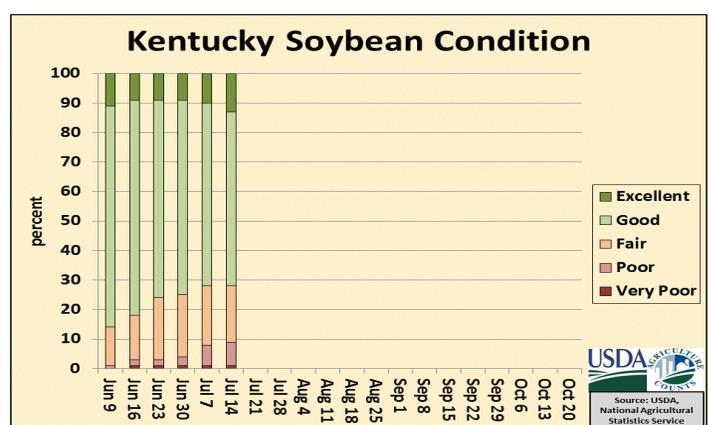
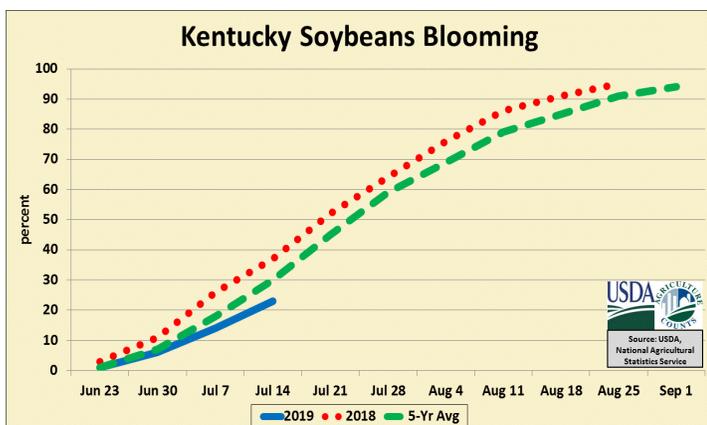
CROP PROGRESS for week ending 07/14/19

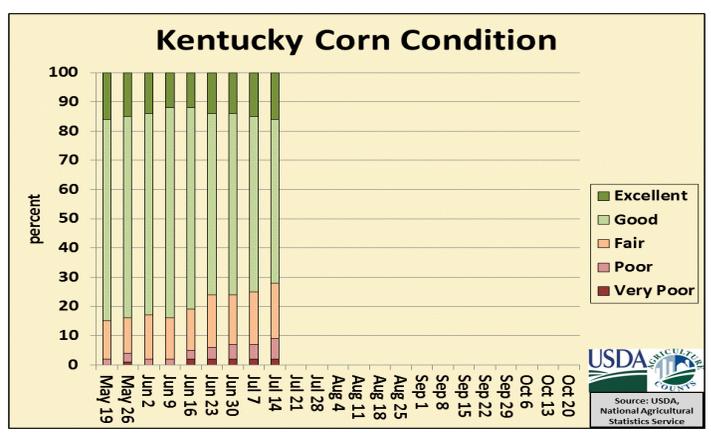
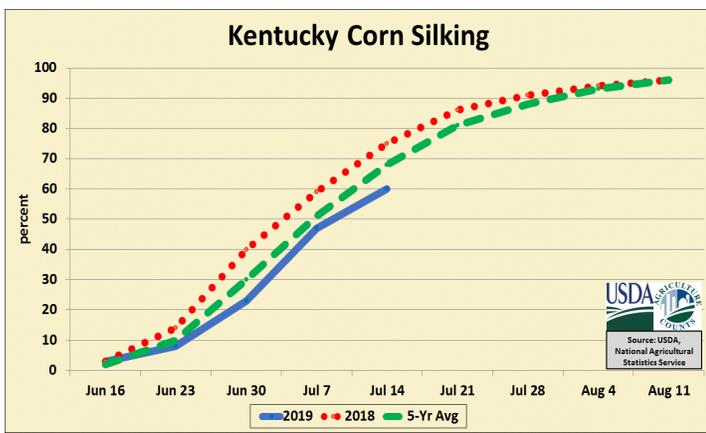
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	60	47	75	68
Corn Milked	26	8	36	29
Corn Dough	8	-	14	11
Soybeans Planted	97	93	100	100
Soybeans Emerged	90	81	98	97
Soybeans Blooming	23	14	37	30
Tobacco Blooming	24	12	31	26
Tobacco Topped	6	-	11	8
Winter Wheat Harvested	98	93	-	-

- Shown when data not available.

CROP CONDITIONS for week ending 07/14/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	7	19	56	16
Pasture	1	7	23	57	12
Soybeans	1	8	19	59	13
Tobacco Set	2	8	31	53	6





**Kentucky Climate Summary
For the Period July 8, 2019 to July 14, 2019**

Above Normal Temperatures and Below Normal Rainfall:

Conditions were drier across the area this period, while summer heat remained entrenched. High temperatures consistently reached into the upper 80s to lower 90s. Some even reaching the middle 90s across Western Kentucky. Combined with dew points in the 70s, the livestock heat stress index remained elevated in the danger to emergency categories. Most of the rainfall for the period fell midweek with summer-time afternoon thunderstorms on Wednesday and followed by a cold front pushing through the area on Thursday. Coverage remained isolated to scattered with the state average for the week only coming in at 0.59 inches. Most of the activity fell across Southwestern, South-Central, and Eastern Kentucky. North-Central Kentucky and the Northern Bluegrass missed on most of the rain.

Temperatures for the period averaged 79 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 89 in the West to 87 in the East. Departure from normal high temperatures ranged from near normal in the West to near normal in the East. Low temperatures averaged from 70 degrees in the West to 68 degrees in the East. Departure from normal low temperatures ranged from 2 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at CAPE GIRARDEAU ASOS and the extreme low was 58 degrees at CARROLLTON 2E.

Precipitation (liq. equ.) for the period totaled 0.59 inches statewide which was 0.4 inches below normal and 59% of normal. Precipitation totals by climate division, West 0.62 inches, Central 0.42 inches, Bluegrass 0.34 inches and East 1.00 inches, which was 0.36, 0.58, 0.64 and 0.01 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BRANDENBURG 4SW to a high of 2.92 inches at PADUCAH ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/14/19 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	0.00	18.30	4.88	4.03	0.91	92	61	78	2	196	1,928	117
Berea	0.44	17.76	4.19	2.74	0.35	91	62	77	2	191	1,834	-22
Bowling Green	0.10	18.15	6.95	2.58	2.86	92	69	81	5	219	2,202	323
Bristol	0.21	16.87	3.38	4.18	-0.22	91	66	78	3	198	1,963	259
Buckhorn Lake	0.33	17.88	6.34	3.68	2.22	88	65	77	2	189	1,886	249
Cape Girardeau	1.19	22.17	4.72	7.48	1.50	96	69	82	4	222	2,116	140
Campbellsville	0.00	14.98	4.91	-1.54	0.54	90	63	78	2	192	1,848	16
Covington	0.00	19.63	4.59	5.85	0.88	93	62	79	4	204	1,846	192
Cumberland Gap	0.11	23.51	7.02	7.98	2.65	78	62	69	-6	133	1,132	-562
Dix Dam	0.02	16.14	5.64	1.27	1.69	90	61	78	3	196	1,919	123
Evansville	0.00	18.89	6.36	4.81	2.91	95	61	80	2	214	1,997	131
Glasgow	0.45	19.86	5.96	3.25	1.42	91	68	79	3	202	1,970	160
Grayson	0.04	16.05	5.15	2.13	1.16	90	65	78	3	198	1,915	338
Hardinsburg	0.00	24.86	7.23	9.74	3.31	91	63	79	3	201	1,937	42
Henderson	0.00	16.19	4.17	1.74	0.55	93	60	78	0	198	1,959	41
Huntington	0.30	14.71	4.04	0.92	0.09	91	64	78	3	192	1,816	102
Jackson	1.12	20.04	8.82	5.27	4.67	89	64	78	3	194	1,974	337
Lexington	0.24	17.38	5.57	3.11	1.60	92	67	80	5	211	2,026	300
London	0.45	22.32	10.52	8.37	6.68	90	67	78	3	198	1,970	247
Louisville	0.00	19.70	5.40	5.35	1.75	93	67	83	7	228	2,248	400
Mayfield	1.14	16.61	4.03	1.15	0.43	91	65	79	1	204	2,041	101
Nashville	0.27	14.84	5.97	0.23	2.51	96	74	84	8	238	2,384	364
Nolin Lake	0.59	21.43	9.48	5.22	5.37	94	65	80	4	212	2,102	371
Paducah	1.87	26.02	7.88	10.13	4.10	95	68	82	4	220	2,161	213
Princeton	0.85	16.14	5.65	0.59	1.92	90	67	79	1	202	1,980	27
Quicksand	0.86	17.43	7.99	2.66	3.84	90	67	78	3	198	1,884	247
Somerset	0.98	20.40	6.46	4.53	2.27	89	64	76	1	182	1,822	67
Spindletop	0.06	16.00	3.31	1.73	-0.66	94	63	80	5	210	2,018	292
Williamstown	0.00	19.60	4.22	5.22	0.41	89	60	77	2	186	1,756	63

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