



Crop Progress and Condition

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In Cooperation with:

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

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Agricultural News: Kentucky experienced below normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.08 inches, 0.87 inches below normal. Temperatures averaged 75 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 24 percent short, 68 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 21 percent short, 73 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

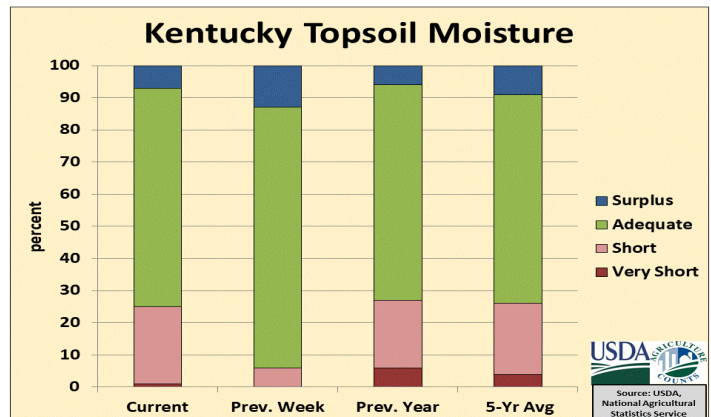
Primary activities for this week included spraying, cutting hay, and topping tobacco. Weather was mostly dry across the state this past week allowing farmers to work in the fields and monitor crops. Fungicide is being sprayed as impending humidity will open the door for disease. Eighty-three percent of the corn crop is in the silking stage while 52 percent of the crop is milking. Twenty-four percent of corn is doughing with just 5 percent of the crop in the denting stage. Sixty-four percent of soybeans are blooming while 41 percent are setting pods. With 45 percent of the tobacco crop blooming, topping is moving forward steadily. The condition of corn, soybeans, and tobacco all remain good at this juncture, but would benefit from timely rain as temperatures rise.

Farmers had a very good week for hay making with plenty of days to move ahead with cutting. Pastures have deteriorated slightly and will need some rain with hot weather ahead. With that said, pasture condition remains good overall.

SOIL MOISTURE for week ending 07/25/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	24	68	7
Subsoil	-	21	73	6

- Represents zero.



CROP PROGRESS for week ending 07/25/21

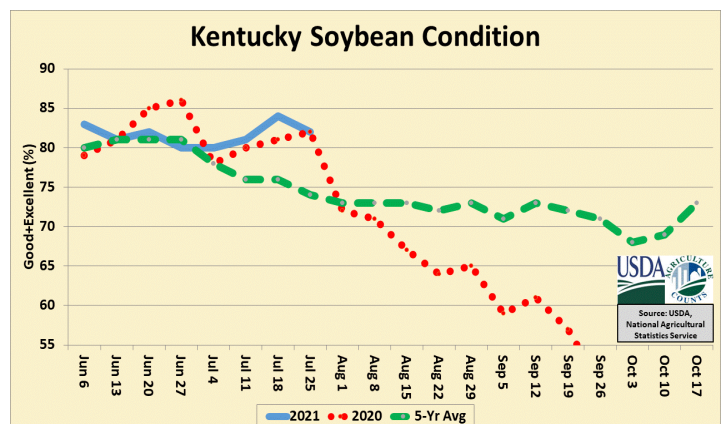
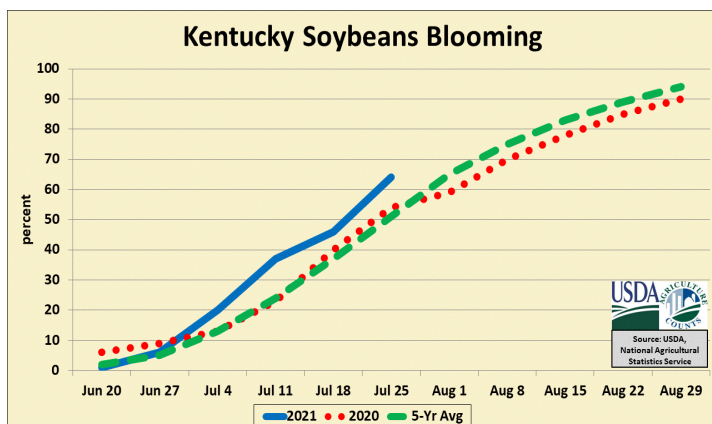
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	83	70	78	83
Corn Milked	52	34	49	52
Corn Dough	24	8	22	31
Corn Dent	5	-	9	8
Soybeans Blooming	64	46	54	51
Soybeans Setting Pods	41	21	31	27
Tobacco Blooming	45	29	46	45
Tobacco Topped	15	6	25	23

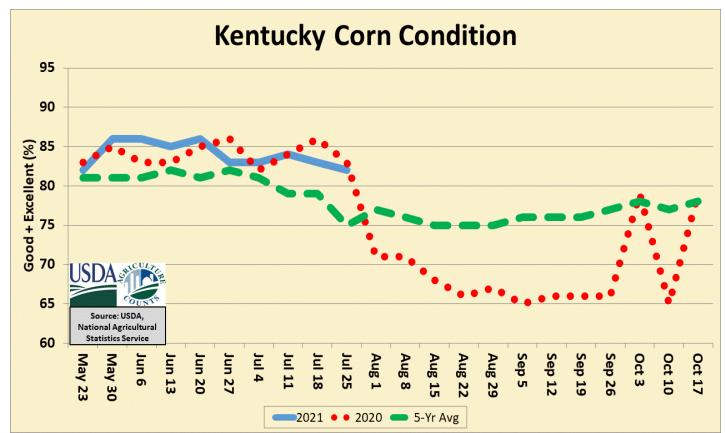
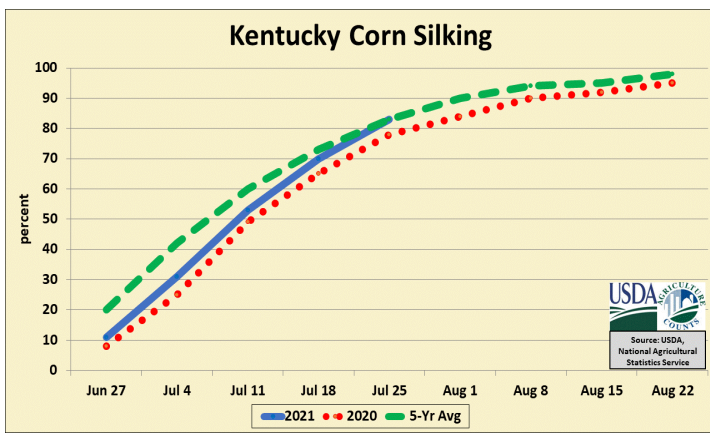
- Represents zero.

CROP CONDITIONS for week ending 07/25/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	15	67	15
Pasture	1	3	23	63	10
Soybeans	-	3	15	70	12
Tobacco Set	1	7	25	60	7

- Represents zero.





**Kentucky Climate Summary
For the Period July 19, 2021 to July 25, 2021**

Below Normal Temperatures and Much Below Normal Rainfall:

Following a very wet first half of July, the weather turned quiet this period leading to mostly dry conditions across the state. The one exception came on Sunday as scattered showers and storms formed across the area. Ultimately though, the state averaged just 0.08 inches for the week. A number of locations missed the rain on Sunday and did not record any rainfall for the week. Looking back, this was the driest week for the Commonwealth since the second week of May. Temperatures ran slightly below seasonable norms through most the workweek, brought down a bit by a smokey haze originating from wildfires across the Western United States. Temperatures and especially humidity increased over the weekend with some seeing the heat index top the century mark.

Temperatures for the period averaged 75 degrees across the state which was 2 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 87 in the West to 85 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 68 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from near normal in the West to near normal in the East. The extreme high temperature for the period was 94 degrees at BOWLING GREEN APT and the extreme low was 55 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 0.08 inches statewide which was 0.87 inches below normal and 8% of normal. Precipitation totals by climate division, West 0.12 inches, Central 0.04 inches, Bluegrass 0.03 inches and East 0.14 inches, which was 0.78, 0.93, 0.91 and 0.86 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 0.67 inches at YELLOW CREEK.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/25/21 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>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.00	19.48	6.01	3.44	1.61	90	60	75	-1	173	1,988	-96
Berea	0.06	15.24	6.06	-1.34	2.10	90	56	72	-3	156	1,764	-367
Bowling Green	0.14	15.13	4.83	-2.12	0.59	94	65	79	3	203	2,274	110
Bristol	1.04	11.79	3.96	-2.43	0.12	91	60	76	1	182	1,800	-166
Buckhorn Lake	0.06	13.57	4.38	-2.34	0.06	87	58	73	-2	163	1,844	-41
Cape Girardeau	0.07	18.56	6.39	2.62	3.19	95	65	79	1	206	2,250	-24
Campbellsville	0.00	13.58	5.05	-4.84	0.30	91	58	74	-2	170	1,894	-214
Covington	0.08	20.33	6.15	5.04	2.35	89	63	75	0	178	1,946	24
Cumberland Gap	0.00	14.40	3.27	-3.00	-1.41	92	59	75	0	176	1,922	-30
Dix Dam	0.00	19.09	7.47	2.46	3.10	89	58	74	-1	166	1,926	-144
Evansville	0.00	12.27	4.16	-3.25	0.55	91	65	78	0	197	2,169	15
Glasgow	0.00	18.62	5.24	0.13	0.50	90	61	76	0	182	1,984	-104
Grayson	0.02	13.08	4.03	-2.57	-0.27	90	60	74	-1	168	1,848	23
Hardinsburg	0.00	17.74	4.75	0.92	0.52	88	61	75	-1	176	1,950	-229
Henderson	0.00	13.75	6.02	-2.15	2.34	88	63	76	-2	180	1,992	-213
Huntington	0.00	20.39	8.17	4.85	3.82	88	60	74	-1	169	1,938	-43
Jackson	0.65	14.34	4.96	-2.29	0.34	90	64	75	0	178	2,064	179
Lexington	0.01	19.01	5.61	2.97	1.21	90	58	74	-1	166	1,830	-169
London	0.02	17.95	7.38	2.31	3.18	90	61	75	0	176	1,941	-45
Louisville	0.00	16.58	5.15	0.63	1.17	92	68	80	4	208	2,359	222
Mayfield	0.11	20.12	7.84	3.07	3.88	91	64	77	-1	189	2,118	-98
Nashville	1.41	15.08	5.54	-0.94	1.98	97	69	81	5	219	2,414	97
Nolin Lake	0.04	23.56	5.82	5.56	1.36	89	61	75	-1	178	2,002	9
Paducah	0.00	19.73	6.26	2.35	2.48	94	67	80	2	208	2,314	72
Princeton	0.17	22.67	6.79	5.60	2.95	92	66	77	-1	190	2,044	-196
Quicksand	0.09	14.11	5.09	-2.52	0.47	88	59	74	-1	166	1,838	-47
Somerset	0.00	16.55	5.16	-1.05	0.79	88	56	73	-2	158	1,806	-212
Spindletop	0.15	19.19	6.11	3.15	1.71	89	62	75	0	172	1,860	-139
Williamstown	0.00	20.11	4.76	4.13	0.73	86	59	73	-2	159	1,782	-177

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.