



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

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

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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.66 inches, 0.46 inches below normal. Temperatures averaged 71 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 7 percent short, 67 percent adequate, and 26 percent surplus. **Subsoil moisture** was rated 4 percent short, 71 percent adequate, and 25 percent surplus. Days suitable for fieldwork averaged 4.3 out of a possible seven.

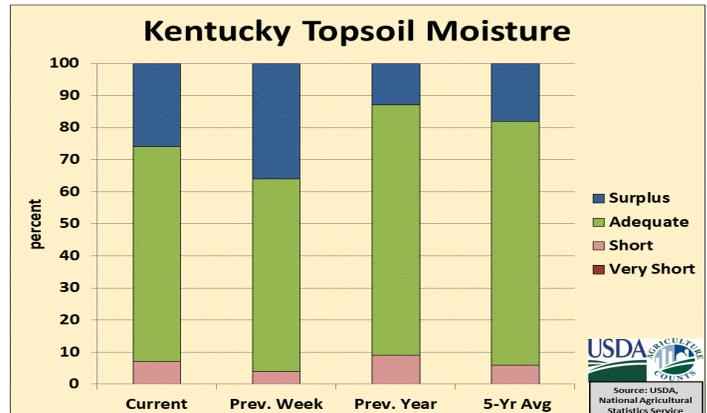
Primary activities for this week included planting of corn and soybeans, setting tobacco, and cutting hay. Fieldwork was disrupted sporadically during the week as farmers contended with scattered rain. The level of precipitation varied regionally with some areas experiencing weather more conducive to progress in the fields. Drier conditions prevailed statewide by the weekend allowing some headway on planting. Cutting of forage has really picked up as farmers take advantage of every opportunity. Soybean planting remains slightly ahead of both last year and the five year average. Corn planting is equal to this time last year, but slightly behind the five year average. The corn crop is 72 percent emerged while soybeans are 39 percent emerged. The average height of corn at this juncture is 9 inches. Tobacco setting is moving along at a steady pace, but is behind last year and the five year average.

The winter wheat crop was subject to damage from the freeze several weeks back. The extent of this damage is becoming evident and losses are likely for many producers. Despite the grim outlook for some wheat, the condition overall remains good. Corn and soybean condition continues to be reported as mostly good at this time. Pastures are showing good growth, but the persistent rain may take a toll from animal traffic.

SOIL MOISTURE for week ending 05/31/20

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	7	67	26
Subsoil	-	4	71	25

- Represents zero.

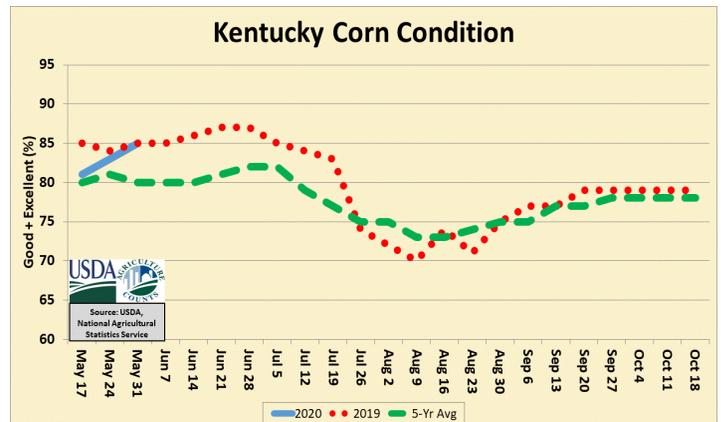
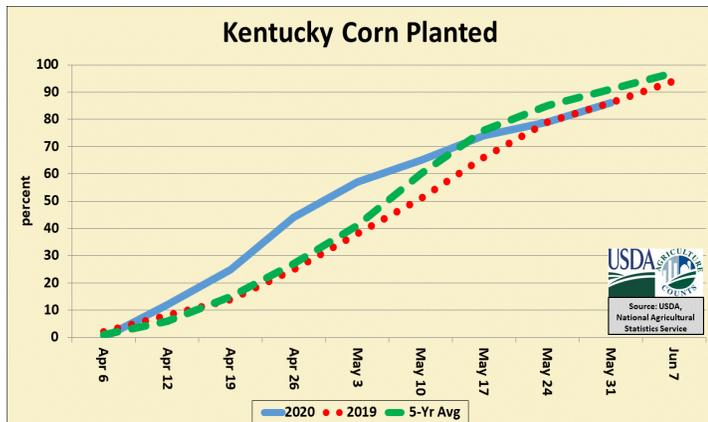


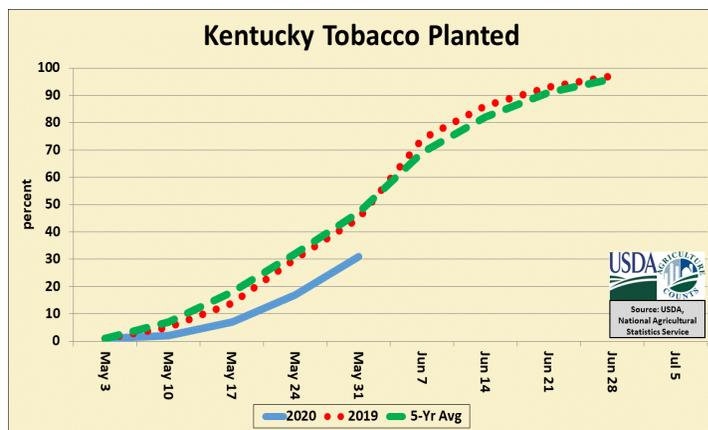
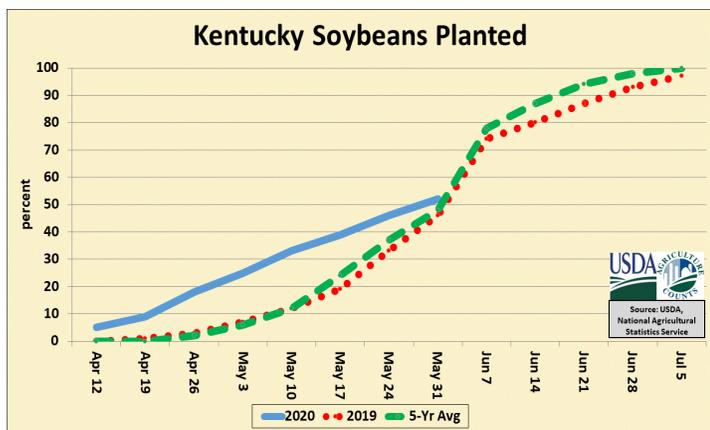
CROP PROGRESS for week ending 05/31/20

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	86	79	86	91
Corn Emerged	72	64	71	77
Soybeans Planted	52	46	46	48
Soybeans Emerged	39	33	26	30
Tobacco Set	31	17	45	47

CROP CONDITIONS for week ending 05/31/20

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	12	73	12
Pasture	2	6	17	62	13
Soybeans	2	3	17	70	8
Wheat	2	7	22	62	7





**Kentucky Climate Summary
For the Period May 25, 2019 to May 31, 2020**

Above Normal Temperatures and Below Normal Rainfall:

The closing week of May consisted of a summer-like pattern for Kentucky. The work week saw daily rounds of showers and storms, most of which isolated to scattered in nature. The one exception came Wednesday when much of West Central and Central Kentucky saw a round of widespread showers. Overall for the week, the state averaged 0.66 inches. Averages were higher for the western half of the state with help from the Wednesday event, closer to an inch. Those numbers dipped to well under a half inch for the eastern half. Warm temperatures accompanied the active pattern, peaking earlier in the week on Memorial Day when highs jumped into the middle 80s to low 90s. A big change then occurred late in the week following the passage of a cold front on Friday. Much cooler and dry conditions arrived for the weekend. Saturday and Sunday both featured sunny skies, lower humidity, and high temperatures in the 70s/low 80s.

Temperatures for the period averaged 71 degrees across the state which was 3 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 80 in the West to 80 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to near normal in the East. Low temperatures averaged from 63 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at OWENSBORO AWSS and the extreme low was 47 degrees at OWINGSVILLE 4S.

Precipitation (liq. equ.) for the period totaled 0.66 inches statewide which was 0.46 inches below normal and 59% of normal. Precipitation totals by climate division, West 0.99 inches, Central 0.92 inches, Bluegrass 0.32 inches and East 0.41 inches, which was 0.11, 0.24, 0.77 and 0.71 inches below normal. By station, precipitation totals ranged from a low of 0.07 inches at HINDMAN 5N to a high of 3.46 inches at CAPE GIRARDEAU ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/31/20 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	0.73	9.49	4.12	1.14	0.08	88	53	70	0	142	558	-242
Berea	0.11	12.67	6.40	3.60	2.06	87	49	70	1	140	498	-335
Bowling Green	0.69	7.49	3.10	-1.77	-1.36	90	55	72	2	154	702	-121
Bristol	1.23	8.74	4.38	1.54	0.86	86	57	71	2	146	524	-216
Buckhorn Lake	0.07	13.00	7.31	5.14	3.60	83	51	70	1	142	522	-215
Cape Girardeau	2.66	8.77	6.11	-0.85	1.42	88	55	72	0	156	684	-183
Campbellsville	0.52	8.06	3.77	-1.87	-0.92	88	52	70	0	140	538	-287
Covington	0.50	9.54	5.33	1.51	1.46	87	53	72	3	150	516	-168
Dix Dam	0.26	9.90	4.90	0.94	0.62	86	53	71	2	144	538	-244
Evansville	0.28	9.62	6.03	0.85	1.74	90	55	72	0	156	615	-183
Glasgow	1.11	9.07	4.53	-0.54	-0.04	87	53	70	0	143	580	-192
Grayson	0.51	9.24	4.00	1.35	0.15	88	50	72	3	151	532	-153
Hardinsburg	0.72	8.41	3.64	-0.77	-0.76	89	53	71	1	144	551	-281
Henderson	0.76	8.04	5.31	-0.77	1.20	90	54	72	0	152	566	-281
Huntington	0.32	10.79	5.05	2.93	1.20	90	53	72	3	157	538	-208
Jackson	0.17	9.49	4.93	0.91	0.88	88	56	73	4	160	622	-115
Lexington	0.15	10.04	4.99	1.69	0.95	85	52	71	2	144	506	-221
London	0.80	13.42	9.17	5.24	5.32	86	54	70	1	142	555	-206
Louisville	0.40	10.01	5.87	1.16	1.70	90	56	73	3	164	704	-87
Mayfield	0.73	8.94	4.25	-1.12	-0.28	90	54	72	0	152	658	-226
Nashville	0.96	7.52	2.29	-1.73	-2.12	91	58	73	3	164	800	-113
Nolin Lake	1.24	9.43	3.19	-0.58	-1.76	93	54	72	2	154	662	-108
Paducah	1.22	7.52	4.71	-2.43	0.25	91	55	73	1	160	740	-113
Princeton	1.25	8.56	5.47	-1.20	0.99	89	54	71	-1	144	606	-272
Quicksand	0.37	10.68	5.74	2.10	1.69	89	51	72	3	150	537	-200
Somerset	0.29	12.96	6.92	3.54	2.34	84	51	70	1	138	513	-267
Spindletop	0.26	10.61	5.53	2.26	1.49	85	53	72	3	152	527	-200
Williamstown	0.41	9.19	4.47	0.63	0.49	85	52	70	1	141	478	-240

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