



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
U.S. Dept. of Commerce - NOAA
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Cooperative Extension Service

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Agricultural News: Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.88 inches, 0.19 inches below normal. Temperatures averaged 60 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 1 percent short, 70 percent adequate, and 29 percent surplus. **Subsoil moisture** was rated 1 percent short, 73 percent adequate, and 26 percent surplus. Days suitable for fieldwork averaged 3.8 out of a possible seven.

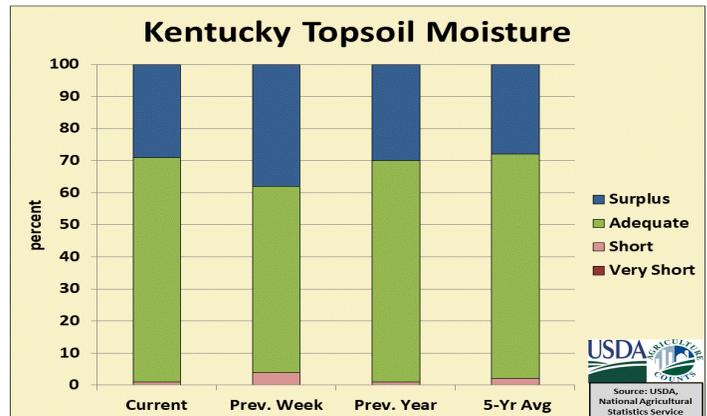
Primary activities for this week included continued planting of corn and soybeans along with working cattle. Tobacco setting has begun in a small portion of the state as weather has permitted. In some areas fields remained very wet and halted planting progress. With that being said, corn and soybean planting is moving rapidly and both are ahead of last year and the five year average. The corn crop is 28 percent emerged at this juncture. Soybeans are 9 percent emerged. Tobacco transplants are in mostly good condition with 24 percent less than two inches, 53 percent two to four inches, and 23 percent larger than 4 inches. Supply of tobacco transplants was rated as 5 percent short, 90 percent adequate, and 5 percent surplus.

The average height of winter wheat was 23 inches with the condition mostly good despite a light freeze several weeks prior. The average height of alfalfa is 14 inches at this time. Hay condition was reported as mostly good with supplies rated as 7 percent very short, 34 percent short, 56 percent adequate, and 3 percent surplus. Rain and seasonably warm weather has kept pastureland in good condition. The condition of strawberries was reported as 5 percent very poor, 8 percent poor, 22 percent fair, 56 percent good, and 9 percent excellent.

SOIL MOISTURE for week ending 05/03/20

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	70	29
Subsoil	-	1	73	26

- Represents zero.



CROP PROGRESS for week ending 05/03/20

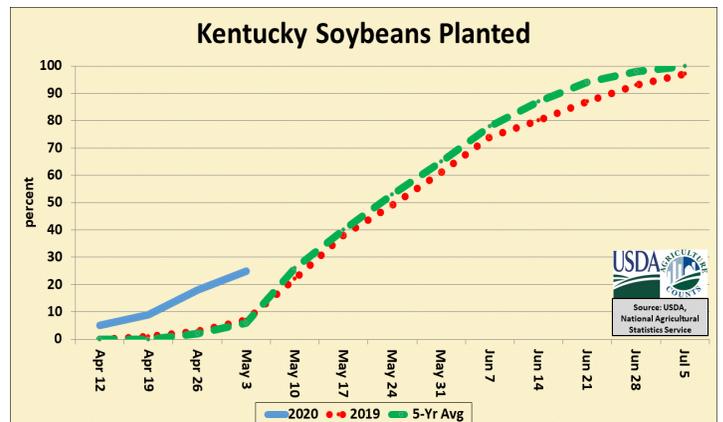
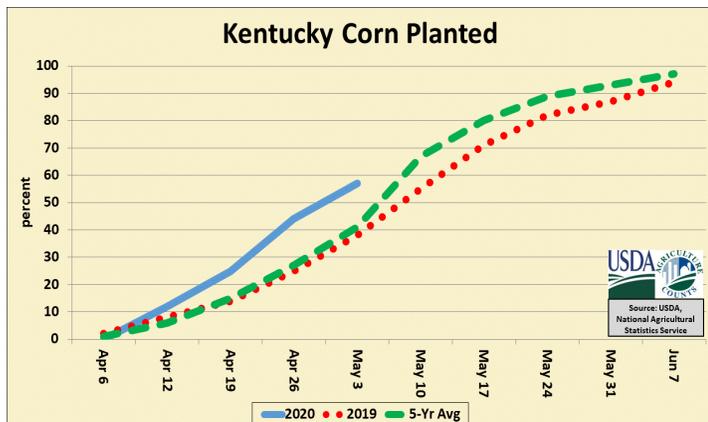
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	57	44	38	41
Corn Emerged	28	14	19	19
Soybeans Planted	25	18	7	6
Soybeans Emerged	9	3	1	-
Tobacco Set	1	-	1	1
Winter Wheat Headed	74	46	47	48

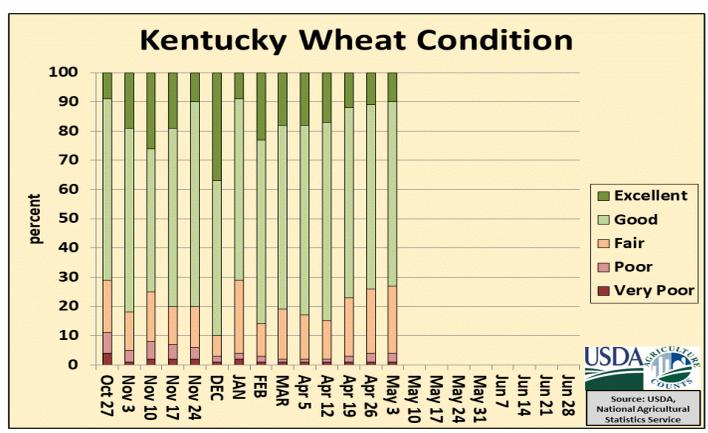
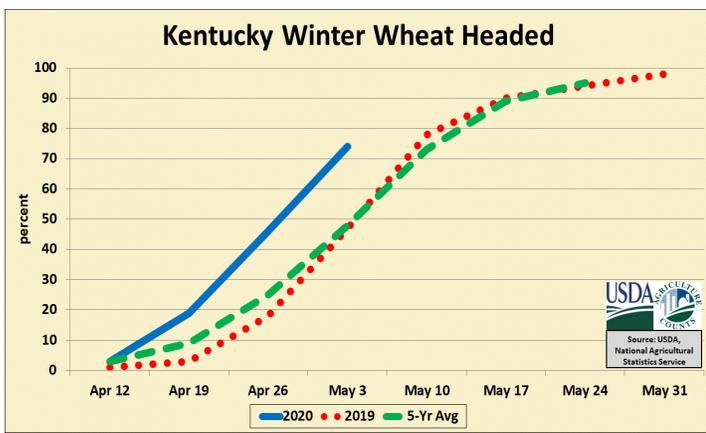
- Represents zero.

-1 Represents not available.

CROP CONDITIONS for week ending 05/03/20

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	1	5	18	68	8
Livestock	1	4	15	68	12
Pasture	2	5	21	62	10
Strawberries	5	8	22	56	9
Tobacco Transplants	1	2	10	76	11
Wheat	1	3	23	63	10





**Kentucky Climate Summary
For the Period April 27, 2019 to May 3, 2020**

Near Normal Temperatures and Below Normal Rainfall:

The work week started out on a dry and mild note with highs in the 60s and 70s. Along and ahead of a cold front, widespread showers returned to the area Tuesday night and into Wednesday. Lighter activity then continued into Thursday. The rain and heavy cloud cover did lead to temperatures that were well below normal for the last day of April as highs struggled in the upper 40s to middle 50s on Thursday. This followed a cooler trend that has stuck around for much of the second half of April. Looking back at the past month and while preliminary, data from the Ag Weather Center shows the state saw its first month of below normal temperatures since November. Luckily, the cool weather didn't last long as highs rose into the 80s for many by Saturday. A strong to at times, severe line of showers and storms then closed out the week on Sunday. Totals did vary quite a bit across the state for the week. Combined with the Wednesday/Thursday event, the western half of the state was about a half inch below normal for the week, while the eastern half was actually above normal.

Temperatures for the period averaged 60 degrees across the state which was near normal and 4 degrees warmer than the previous period. High temperatures averaged from 73 in the West to 71 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 51 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at BOWLING GREEN APT and the extreme low was 31 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.88 inches statewide which was 0.19 inches below normal and 82% of normal. Precipitation totals by climate division, West 0.71 inches, Central 0.59 inches, Bluegrass 1.01 inches and East 1.20 inches, which was -0.50, -0.51, 0.02 and 0.20 inches respectively from normal. By station, precipitation totals ranged from a low of 0.15 inches at ELIZABETHTOWN 8W to a high of 2.43 inches at OWINGSVILLE 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/03/20 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air			
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	0.14	20.16	5.38	64	51	80	35	60	-2
Berea	2.20	23.06	8.28	--	--	81	32	58	-3
Bowling Green	0.51	23.44	5.59	66	51	85	37	63	1
Bristol	1.59	23.80	9.75	--	--	82	38	57	-4
Buckhorn Lake	0.89	23.24	7.62	--	--	82	37	58	-3
Cape Girardeau	1.14	20.37	4.19	--	--	83	41	63	-1
Campbellsville	0.72	25.68	7.91	--	--	80	34	58	-4
Covington	0.77	16.91	3.23	--	--	82	35	59	-2
Cumberland Gap	1.47	38.29	20.36	--	--	71	31	49	-12
Dix Dam	0.91	20.20	4.80	--	--	80	34	59	-2
Evansville	0.21	19.90	4.93	--	--	84	37	62	-2
Glasgow	0.85	25.90	7.75	66	51	82	35	60	-2
Grayson	1.68	18.36	5.16	--	--	84	34	59	-2
Hardinsburg	0.21	19.55	2.80	--	--	82	35	60	-2
Henderson	0.24	16.66	1.08	--	--	84	35	60	-4
Huntington	1.17	18.14	5.02	--	--	83	40	59	-2
Jackson	0.86	24.60	8.84	--	--	84	40	60	-1
Lexington	0.72	17.78	3.00	63	52	79	32	58	-3
London	0.68	28.03	12.20	--	--	83	40	59	-2
Louisville	0.22	15.68	0.18	--	--	85	40	63	1
Mayfield	1.89	21.60	2.29	--	--	84	37	63	-1
Nashville	0.54	23.52	6.42	--	--	85	37	64	2
Nolin Lake	1.32	31.61	14.53	--	--	82	36	62	0
Paducah	0.73	23.24	5.66	72	52	84	39	64	0
Princeton	0.45	20.79	2.34	73	50	84	34	62	-2
Quicksand	0.99	23.33	7.57	--	--	84	38	58	-3
Somerset	1.81	28.56	11.63	--	--	80	35	58	-3
Spindletop	0.98	17.88	3.10	63	52	81	35	59	-2
Williamstown	0.19	16.41	1.82	--	--	81	33	58	-3

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