



Crop Progress and Condition



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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Agricultural News: Kentucky experienced well below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.37 inches, 0.28 inches above normal. Temperatures averaged 53 degrees for the week, 9 degrees below normal. **Topsoil moisture** was rated 1 percent short, 70 percent adequate, and 29 percent surplus. **Subsoil moisture** was rated 1 percent short, 74 percent adequate, and 25 percent surplus. Days suitable for fieldwork averaged 3.5 out of a possible seven.

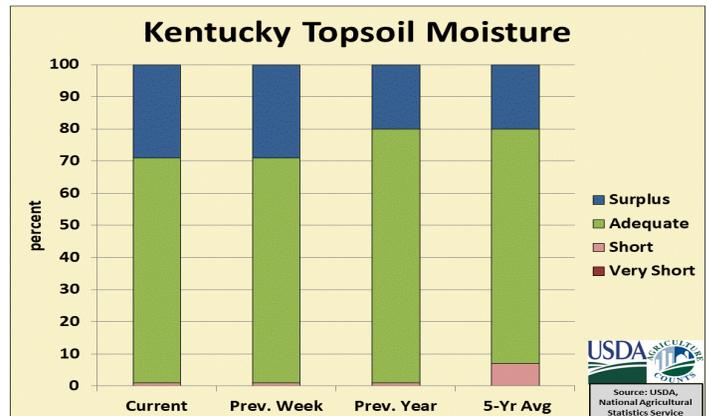
Primary activities for this week included planting of corn and soybeans, setting tobacco, and spraying. The state experienced cool conditions and several periods of rain that stymied field work. The weekend brought a freeze event that will be evaluated this week. Despite the setbacks, corn and soybean planting continues to run ahead of both last year and the five year average. The corn crop is 42 percent emerged at this juncture while soybeans are 16 percent emerged. Tobacco setting is still in the beginning stages for many producers with recent weather slowing progress.

Thirteen percent of tobacco transplants were under 2 inches, with 50 percent 2-4 inches, and 37 percent above 4 inches. The supply of tobacco transplants was reported as 98 percent adequate, and 5 percent surplus.

SOIL MOISTURE for week ending 05/10/20

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	70	29
Subsoil	-	1	74	25

- Represents zero.

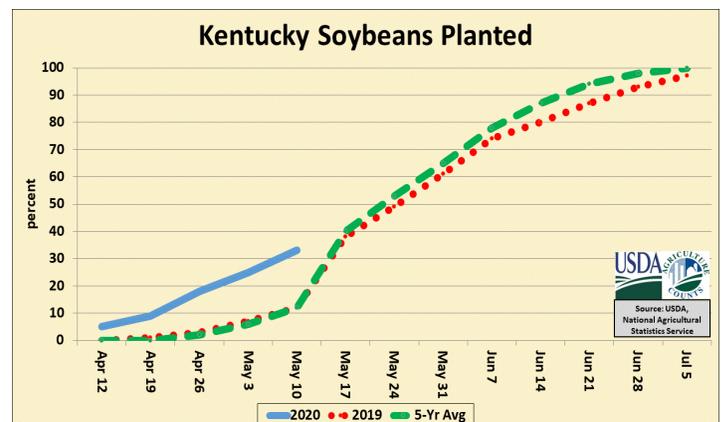
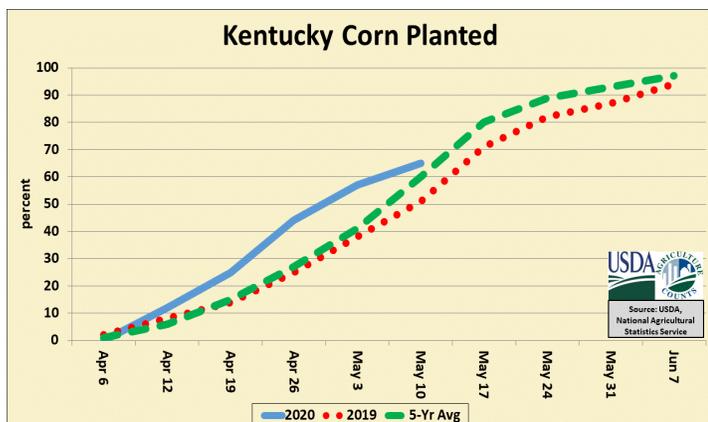


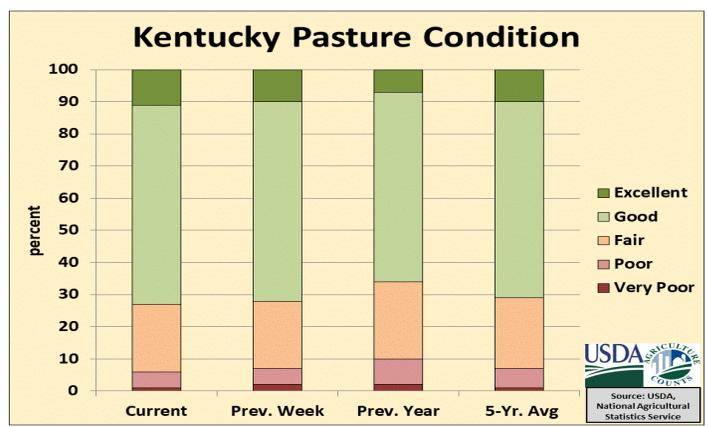
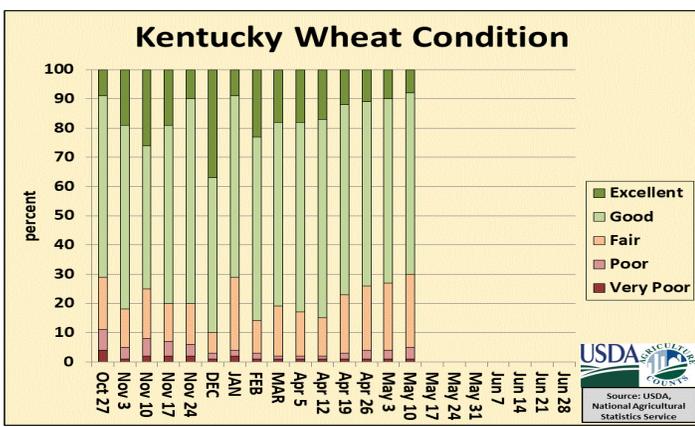
CROP PROGRESS for week ending 05/10/20

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	65	57	51	60
Corn Emerged	42	28	33	34
Soybeans Planted	33	25	12	12
Soybeans Emerged	16	9	2	2
Tobacco Set	2	1	5	7
Winter Wheat Headed	83	74	72	74

CROP CONDITIONS for week ending 05/10/20

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	5	21	62	11
Wheat	1	4	25	62	8





**Kentucky Climate Summary
For the Period May 4, 2019 to May 10, 2020**

Well Below Normal Temperatures and Above Normal Rainfall:

The big story for the week was a cold air outbreak late in the period that brought record breaking temperatures to much of the Bluegrass State. The coldest temperatures were seen early Saturday morning as many across the Commonwealth saw temperatures plummet into the upper 20s to middle 30s. Coldest across the eastern half of the state and increasing farther west. Putting these temperatures into perspective, normal lows for this time of year are in the low to middle 50s. While Saturday morning was the coldest, the state did see a few more rounds of frosty temperatures throughout the week, most notable on Sunday morning across Eastern Kentucky, when temperatures yet again dropped into the low to mid 30s for many locations. Cold air of this extreme and this late in the spring season is quite rare across Kentucky. Looking at frost occurrence data, having temperatures of 32 degrees or lower at this time of the year is less than a 10% probability for many across the state. While temperatures were well below normal for the week, the Commonwealth also saw multiple rounds of widespread showers, one coming Monday night/Tuesday, another on Friday, and ended with a closing round on Sunday. Altogether, the state averaged 1.37 inches for the week.

Temperatures for the period averaged 53 degrees across the state which was 9 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 66 in the West to 62 in the East. Departure from normal high temperatures ranged from 9 degrees cooler than normal in the West to 12 degrees cooler than normal in the East. Low temperatures averaged from 47 degrees in the West to 41 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to 6 degrees cooler than normal in the East. The extreme high temperature for the period was 79 degrees at KOOMER RIDGE and the extreme low was 26 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 1.37 inches statewide which was 0.28 inches above normal and 125% of normal. Precipitation totals by climate division, West 1.12 inches, Central 1.60 inches, Bluegrass 1.04 inches and East 1.72 inches, which was -0.04, 0.45, 0.03 and 0.67 inches respectively from normal. By station, precipitation totals ranged from a low of 0.67 inches at YELLOW CREEK to a high of 4.05 inches at LIBERTY 3SW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/10/20 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Air Temp. Dev. From Normal	
	Last Week	Since Jan 1		Soil		Air			Wkly. Avg.
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	1.99	22.15	6.36	64	51	75	28	53	-11
Berea	1.06	24.12	8.26	--	--	72	28	50	-13
Bowling Green	0.71	24.15	5.19	68	52	78	34	57	-7
Bristol	1.52	25.32	10.39	--	--	77	32	54	-9
Buckhorn Lake	3.14	26.38	9.83	--	--	72	29	51	-12
Cape Girardeau	1.15	21.52	4.17	--	--	75	36	58	-8
Campbellsville	2.50	28.18	9.24	--	--	75	29	53	-11
Covington	0.85	17.76	3.11	--	--	69	28	50	-13
Dix Dam	1.22	21.42	4.95	--	--	72	28	51	-12
Evansville	2.16	22.06	6.02	--	--	76	35	55	-11
Glasgow	0.90	26.80	7.51	66	52	76	30	53	-11
Grayson	0.82	19.18	5.02	--	--	76	30	50	-13
Hardinsburg	2.00	21.55	3.70	--	--	75	31	52	-12
Henderson	1.87	18.53	1.92	--	--	76	33	53	-13
Huntington	1.34	19.87	5.79	--	--	73	32	50	-13
Jackson	2.13	26.73	9.95	--	--	74	30	52	-11
Lexington	1.11	18.89	3.10	64	52	73	29	50	-13
London	3.48	31.51	14.72	--	--	77	28	53	-10
Louisville	1.19	16.87	0.33	--	--	77	34	56	-8
Mayfield	1.02	22.62	2.17	--	--	75	34	56	-10
Nashville	0.70	24.22	6.02	--	--	80	35	59	-5
Nolin Lake	1.22	32.83	14.51	--	--	84	31	57	-7
Paducah	1.14	24.38	5.69	72	54	77	36	58	-8
Princeton	0.87	21.66	2.09	73	49	76	32	54	-12
Quicksand	1.99	25.32	8.54	--	--	75	30	52	-11
Somerset	3.54	32.10	14.02	--	--	75	27	52	-11
Spindletop	1.09	18.82	3.03	65	50	76	29	50	-13
Williamstown	0.84	17.25	1.67	--	--	71	28	49	-14

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