



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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Agricultural News: Kentucky experienced below normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.33 inches, 1.24 inches above normal. Temperatures averaged 59 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 60 percent adequate and 40 percent surplus. **Subsoil moisture** was rated 68 percent adequate and 32 percent surplus. Days suitable for fieldwork averaged 2.9 out of a possible seven.

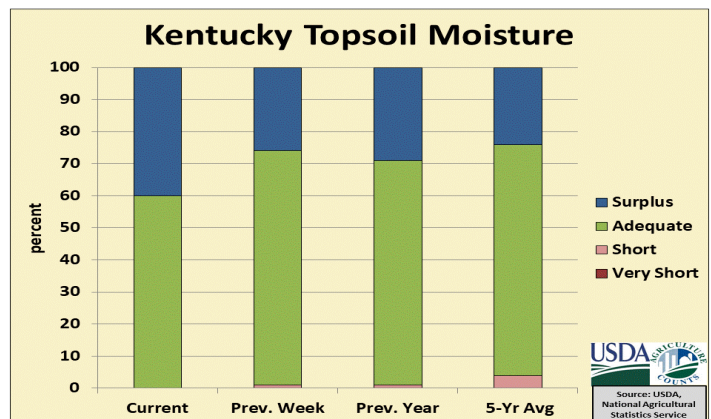
Primary activities for this week included planting corn and soybeans along with spraying. Persistent precipitation halted fieldwork throughout the week. Farmers had very little opportunity for planting due to the wet conditions, but pushed forward as the weather permitted. There were reports of flooding throughout the state with high water being prevalent in river bottoms. Any damage will be assessed in the coming week sparking the potential for replanting of some crops. The relentless rainfall was accompanied by unseasonably cool temperatures further complicating crop condition. Many farmers planted soybeans early and as such the crop is ahead of where it is historically at this juncture. Corn planting is well ahead of last year and trends on the higher side when compared historically. Tobacco setting has begun for some producers however only 1 percent of the crop is in the ground. The average height of tobacco transplants is 14 percent less than 2 inches, 35 percent two to four inches, and 51 percent larger than 4 inches. Tobacco transplant supplies are rated as 3 percent short, 94 percent adequate, and 3 percent surplus.

Wheat condition remains mostly good with 68 percent of the crop headed. Overall pasture condition is mostly good, however the cooler temperatures have stunted growth. It is also of note that the heavy rains will muddy up a good deal of pasture ground and open it up to damage from livestock traffic. Early hay cuttings may be adversely affected by the recent frosts and freezes.

SOIL MOISTURE for week ending 05/09/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	-	60	40
Subsoil	-	-	68	32

- Represents zero.



CROP PROGRESS for week ending 05/09/21

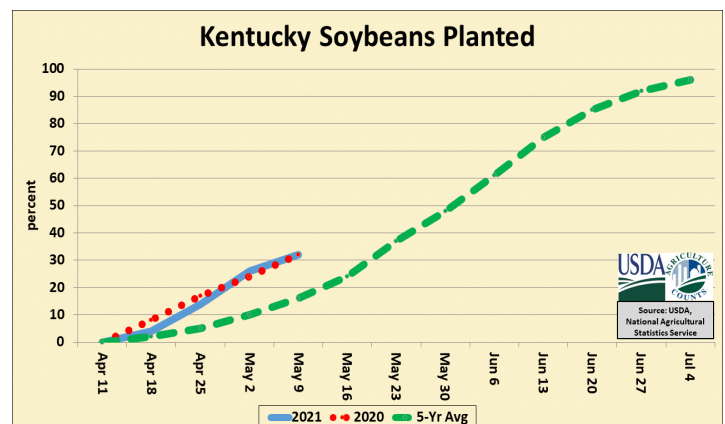
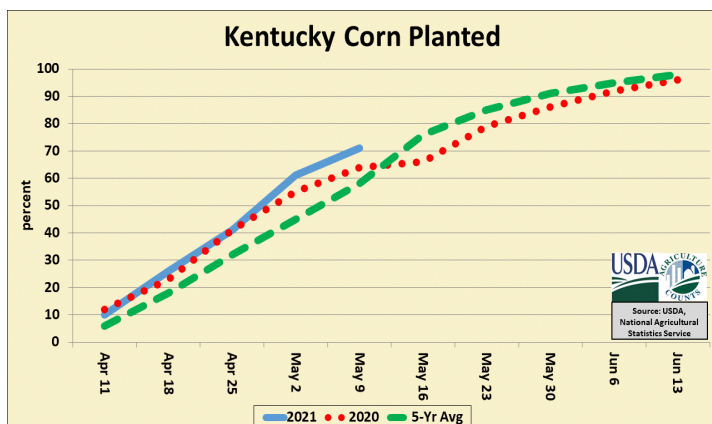
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	71	61	64	58
Corn Emerged	46	29	40	36
Soybeans Planted	32	26	32	16
Soybeans Emerged	17	6	15	5
Tobacco Set	1	-	2	5
Winter Wheat Headed	68	38	82	76

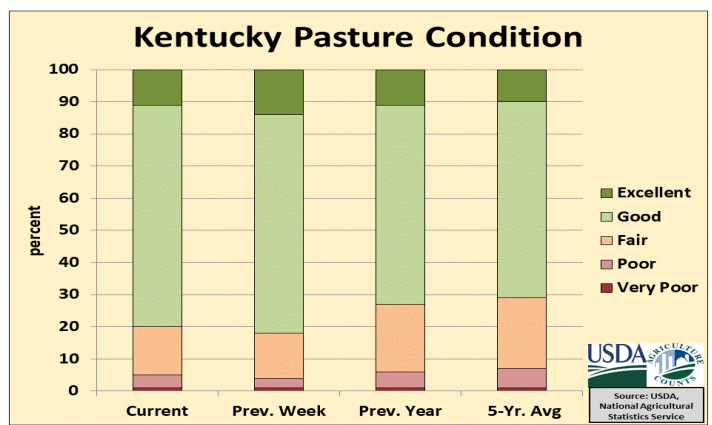
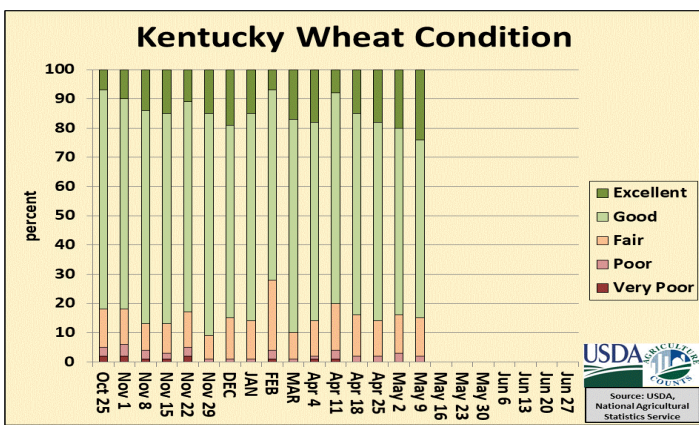
- Represents zero.

CROP CONDITIONS for week ending 05/09/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	4	15	69	11
Wheat	-	2	13	61	24

- Represents zero.





**Kentucky Climate Summary
For the Period May 3, 2021 to May 9, 2021**

Below Normal Temperatures and Much Above Normal Rainfall:

Kentucky has been stuck in a wet pattern as of late and this period was no different. The most extensive activity fell over the first half of the workweek, especially so Monday night and into Tuesday morning across South Central Kentucky. Some saw 2-5+ inches in less than 6 hours, leading to numerous reports of flash flooding. A total of five weak tornados and several reports of damaging winds also accompanied the heavy rainfall across Western Kentucky. Cooler and active conditions remained for the rest of the week. The state saw a couple quick-hitting rounds of rainfall on Thursday and Friday, followed by more widespread activity on Sunday. Overall, the state averaged 2.33 inches for the week. The highest totals were centered around the Bowling Green area with 4+ inches common. The Barren County Mesonet Station even recorded over 7 inches.

Temperatures for the period averaged 59 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 69 in the West to 68 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 6 degrees cooler than normal in the East. Low temperatures averaged from 52 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 80 degrees at BOWLING GREEN APT and the extreme low was 35 degrees at OWINGSVILLE 4S.

Precipitation (liq. equ.) for the period totaled 2.33 inches statewide which was 1.24 inches above normal and 214% of normal. Precipitation totals by climate division, West 2.29 inches, Central 3.24 inches, Bluegrass 2.29 inches and East 1.49 inches, which was 1.11, 2.1, 1.28 and 0.46 inches above normal. By station, precipitation totals ranged from a low of 0.48 inches at BIG SANDY to a high of 7.55 inches at GLASGOW 11W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/09/21 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	3.20	20.56	4.91	73	58	78	39	60	-4
Berea	1.33	20.12	4.41	--	--	76	36	58	-4
Bowling Green	4.38	24.64	5.84	71	58	80	42	62	-2
Bristol	1.64	22.46	7.66	--	--	79	37	62	0
Buckhorn Lake	0.90	18.25	1.84	--	--	74	42	59	-3
Cape Girardeau	2.09	19.09	1.90	--	--	80	41	62	-4
Campbellsville	2.49	23.68	4.90	--	--	78	38	58	-6
Covington	2.53	15.68	1.17	--	--	75	36	57	-5
Dix Dam	3.44	20.16	3.84	--	--	75	37	58	-4
Evansville	1.93	17.47	1.58	--	--	79	41	59	-7
Glasgow	7.50	28.42	9.29	70	55	79	40	59	-5
Grayson	1.27	17.76	3.73	--	--	77	39	59	-3
Hardinsburg	3.12	24.25	6.56	--	--	77	40	58	-6
Henderson	1.46	16.02	-0.44	--	--	78	42	59	-7
Huntington	1.45	17.42	3.47	--	--	77	38	59	-3
Jackson	0.85	21.33	4.70	--	--	76	43	60	-2
Lexington	2.34	19.08	3.43	63	57	76	36	58	-4
London	1.79	20.61	3.95	--	--	77	41	60	-2
Louisville	1.93	20.40	4.01	--	--	80	44	62	-2
Mayfield	1.93	23.26	2.98	--	--	82	41	62	-4
Nashville	3.61	19.16	1.11	--	--	82	41	63	-1
Nolin Lake	7.16	30.01	11.87	--	--	82	40	61	-3
Paducah	3.33	20.93	2.40	76	54	80	45	63	-3
Princeton	2.54	21.68	2.27	73	54	80	40	60	-6
Quicksand	1.14	20.01	3.38	--	--	76	40	59	-3
Somerset	1.93	22.17	4.26	--	--	75	37	59	-3
Spindletop	2.53	19.51	3.86	63	57	76	41	57	-5
Williamstown	2.45	18.43	2.99	--	--	75	38	56	-6

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