



Crop Progress and Condition

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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 rainfall over the past week. Precipitation for the week totaled 1.19 inches, 0.04 inches above normal. Temperatures averaged 68 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 3 percent short, 61 percent adequate, and 36 percent surplus. **Subsoil moisture** was rated 3 percent short, 68 percent adequate, and 29 percent surplus. Days suitable for fieldwork averaged 2.8 out of a possible seven.

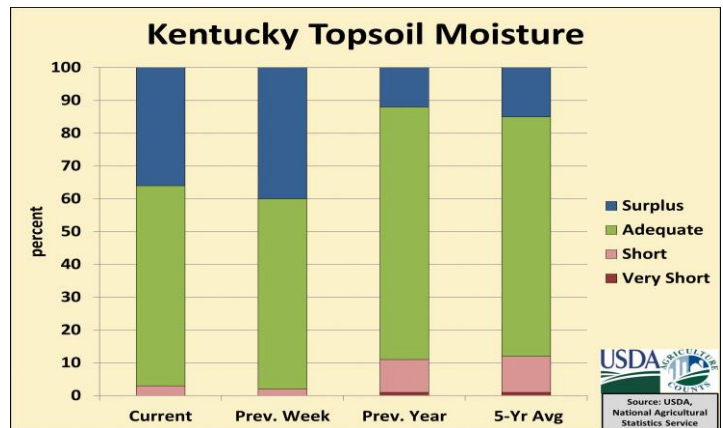
Primary activities for this week included planting corn, soybeans, and tobacco. Fieldwork was disrupted by scattered precipitation throughout the week. In fact, last week was the third consecutive with above normal rainfall. Heavy rain in some areas have previously planted crops under water as fields are saturated. Replanting is on the horizon for producers in this situation as river bottoms were particularly susceptible. There is some growing concern as time is getting tight for corn planting. With that said, there may be a shift to soybeans for some. Both corn and soybeans are running behind last year due to the unstable weather. Forty-nine percent of planted corn has emerged while 31 percent of soybeans have reached that stage. Tobacco setting has been stymied by rain with 14 percent in the ground at this juncture. Transplant supplies remain adequate as producers will look to ramp up setting weather permitting. Winter wheat headed is at 95 percent as the crop remains in mostly good condition. The strawberry crop is in mostly good condition at this time. In some areas, the persistent precipitation has damaged both strawberries and wheat.

Pasture condition has improved with adequate rain and warm temperatures. Early hay cuttings are now underway for many, however weather has been uncooperative for others.

SOIL MOISTURE for week ending 05/19/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	61	36
Subsoil	-	3	68	29

- Represents zero.



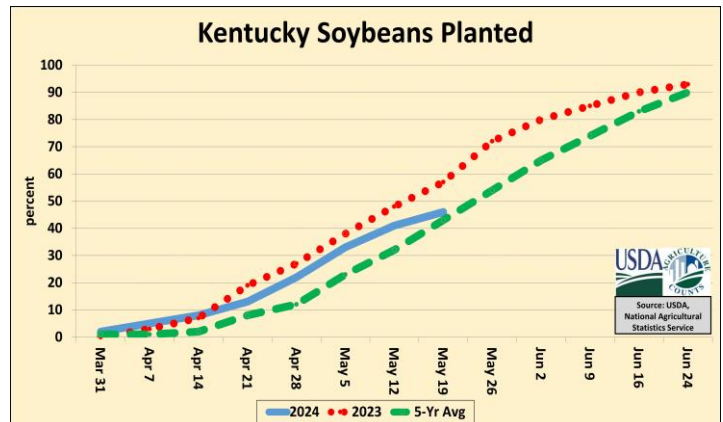
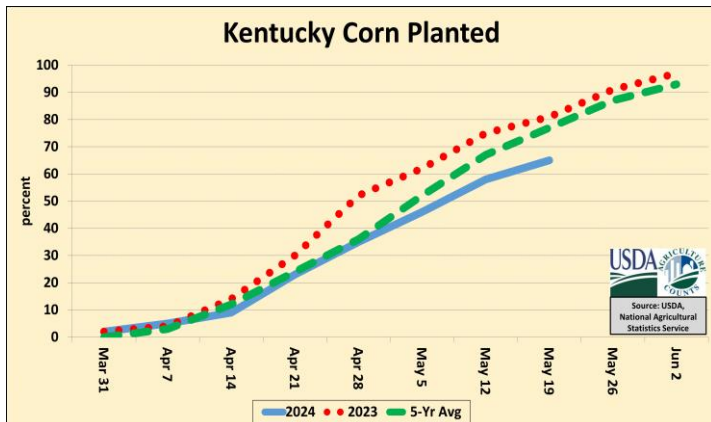
CROP PROGRESS for week ending 05/19/24

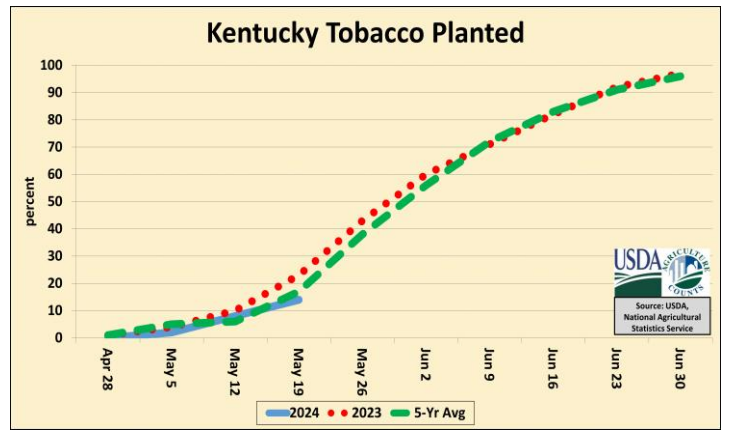
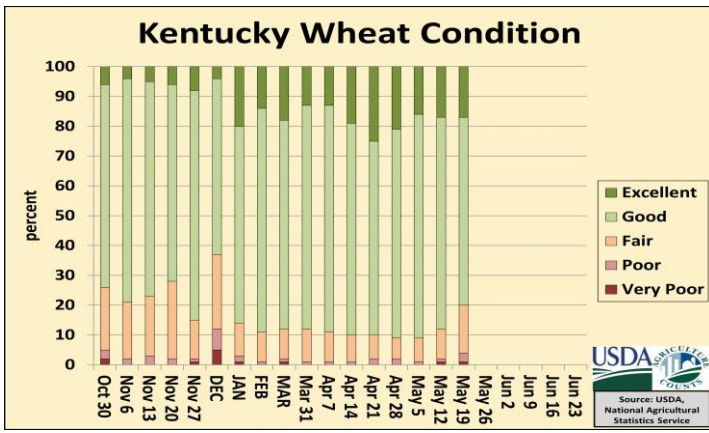
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	65	58	81	77
Corn Emerged	49	39	59	54
Soybeans Planted	46	40	57	43
Soybeans Emerged	31	22	33	23
Tobacco Set	14	8	23	17
Winter Wheat Headed	95	87	89	88

CROP CONDITIONS for week ending 05/19/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	23	64	9
Pasture	-	2	13	71	14
Strawberries	1	5	22	67	5
Wheat	1	3	16	63	17

- Represents zero.





Kentucky Climate Summary
For the Period May 13, 2024 to May 19, 2024

Above Normal Temperatures and Rainfall:

Kentucky experienced yet another week of consistent rainfall behind a few rounds of widespread showers and storms. The state averaged 1.19 inches of rain, marking a third consecutive week of above-normal precipitation. Over the past 21 days, data from the UK Ag Weather Center indicates that Kentucky has averaged 5.17 inches of rainfall, which is over 1.5 inches above the norm and nearly equivalent to what is typically seen for the entire month of May. In short, it's been an exceptionally wet few weeks across the Bluegrass State. However, the state enjoyed a dry weekend, with summer heat gradually making its return. Highs reached the mid to upper 80s on Sunday, accompanied by some much-needed sunshine.

Temperatures for the period averaged 68 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 78 in the West to 75 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 61 degrees in the West to 58 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 89 degrees at LOUISVILLE APT and the extreme low was 42 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.19 inches statewide which was 0.04 inches above normal and 104% of normal. Precipitation totals by climate division, West 1.79 inches, Central 0.89 inches, Bluegrass 1.07 inches and East 1.00 inches, which was 0.67, -0.32, -0.08 and -0.10 inches respectively from normal. By station, precipitation totals ranged from a low of 0.31 inches at MCKEE 5S to a high of 5.09 inches at HENDERSON 5E.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/19/24 7 P.M. ^

County	Weather Station	Rainfall			Deviation From		Air Temperatures				2" Weekly Soil Temps		
		Last Week	Since Jan 1	Last Four Wks.	Norm. Since Jan 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.*	Hi	Lo	Avg
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	2.35	18.62	6.50	-2.21	1.75	86	55	67	0			
Christian	Hopkinsville(M)	1.44	19.76	6.93	-0.88	1.92	84	56	67	0	77	66	70
Daviess	Owensboro(AP)	0.97	16.50	4.72	-2.45	-0.09	88	53	69	2			
Fulton	Hickman(M)	1.79	20.83	5.32	-0.07	0.46	86	57	70	2			
Marshall	Benton(M)	2.04	19.90	8.03	-4.35	2.71	84	55	69	1	77	66	71
McCracken	Paducah(AP)	1.64	20.98	6.49	0.08	1.63	89	57	72	4			
McLean	Calhoun(M)	1.25	21.15	6.69	-0.41	1.91	85	55	67	-1	83	62	71
Todd	Elkton(M)	1.72	21.85	8.38	1.21	3.37	85	55	67	0			
Union	Morganfield(M)	2.40	20.46	8.31	1.51	3.50	86	58	69	2			
Central KY													
Barren	Glasgow(M)	1.32	21.02	6.66	-0.27	1.63	84	55	67	1			
Breckinridge	Hardinsburg(M)	0.82	21.72	5.47	0.49	-0.19	85	55	67	1	79	67	71
Clinton	Albany(M)	0.53	25.31	7.28	1.16	2.12	83	50	66	2	78	63	70
Hardin	Elizabethtown(M)	0.77	21.00	4.73	-0.23	-0.93	86	53	67	1	73	63	68
Hart	Munfordville(M)	0.44	21.48	4.88	-0.15	-0.05	84	51	67	-1	70	63	67
Jefferson	Louisville(AP)	0.93	18.93	4.64	-0.81	-0.36	89	58	71	3			
Taylor	Campbellsville(M)	0.37	24.90	6.75	4.00	1.63	84	51	67	1			
Warren	Bowling_Green(AP)	1.06	20.28	6.21	-0.17	1.39	87	56	70	2			
Bluegrass													
Boone	Cinci./NKY(AP)	0.32	18.97	4.67	0.73	0.26	88	55	68	4			
Boyle	Danville(M)	0.53	21.36	3.29	1.41	-1.58	84	56	67	2	80	64	71
Fayette	Lexington(AP)	2.57	23.00	5.14	3.52	0.32	87	55	69	4			
Franklin	Frankfort(M)	1.10	20.87	4.11	1.47	-0.68	85	53	66	1	74	64	69
Madison	Richmond(M)	0.77	19.29	2.63	-0.66	-2.24	84	48	66	1			
Mason	Maysville(M)	2.17	19.56	4.60	-0.14	-0.02	84	55	66	3	71	61	66
Eastern KY													
Breathitt	Jackson(AP)	0.88	19.68	3.34	-0.98	-1.34	83	53	68	2			
Harlan	Harlan(M)	1.08	21.66	3.22	1.08	-1.42	77	50	59	-5	65	56	50
Lawrence	Louisa(M)	0.91	19.45	4.15	1.80	0.19	84	44	67	3			
Pike	Pikeville(M)	1.69	18.05	4.17	0.40	0.21	75	55	62	-1			
Pulaski	Somerset(M)	0.30	21.58	5.20	1.63	0.33	83	49	65	0			
Rowan	Morehead(M)	2.72	23.33	6.02	3.50	1.19	83	46	65	2			

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, the University of Kentucky Agricultural Weather Center: (859) 218-4363.

^ : Data Courtesy: (M) - Kentucky Mesonet Station: <http://www.kymesonet.org/>

(AP) - Airport, Federal Aviation Administration Surface Weather Observation Station (ASOS/AWOS)

* : Deviations based on closest available station with climate normals: http://weather.uky.edu/climate_normals.php