



Crop Progress and Condition

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U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: May 5, 2025

Issue: 09-25

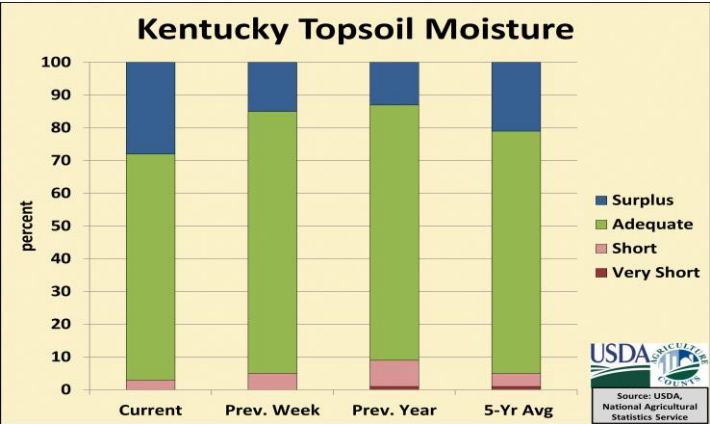
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.87 inches, 0.64 inches above normal. Temperatures averaged 66 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 3 percent short, 69 percent adequate, and 28 percent surplus. **Subsoil moisture** was rated 2 percent short, 75 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 4.4 out of a possible seven.

Primary activities for this week included seeding tobacco transplants along with corn and soybean planting. Farmers forged ahead in the fields despite unstable weather through much of the week. Scattered rain and storms kept the ground wet as temperatures warmed. Even with unpredictable patterns, planting progress was evident. Although grain planting is slightly behind historically, both corn and soybeans are now emerging. Seeding of tobacco transplants is at 87 percent while the condition of plants remains mostly good. The average height of transplants are reported as 33 percent less than two inches, 32 percent two to four inches, and 35 percent larger than four inches. Winter wheat headed is at 52 percent with the average height at 23 inches. The condition of wheat continues to improve after some flood damage in April. There were areas where the crop was totally destroyed, but that level of damage was not widespread. The strawberry crop is in mostly good condition at this time, but it was noted that diseases are increasing. Fungus was mentioned specifically as an issue in the strawberry crop.

Pastures are in mostly good condition as rain and warmer weather is promoting growth. Livestock are in good condition overall and are grazing more as pastures rejuvenate. Hay condition is mostly good at this juncture. The average height of Alfalfa is 17 inches. Hay supplies are rated as 7 percent very short, 10 percent short, 76 percent adequate, and 7 percent surplus.

SOIL MOISTURE for week ending 05/04/25				
	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	69	28
Subsoil	-	2	75	23

- Represents zero.

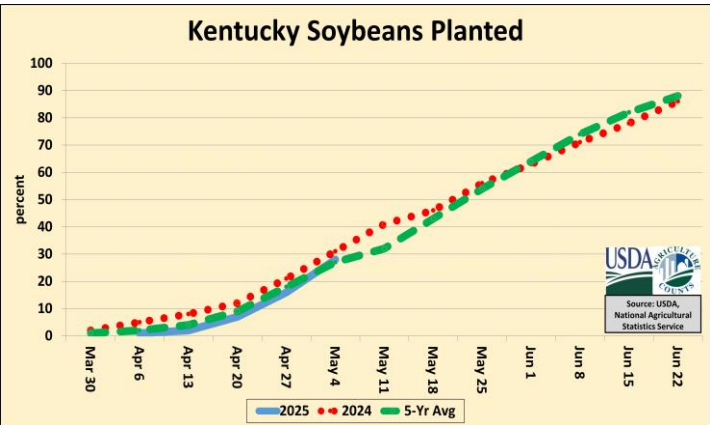
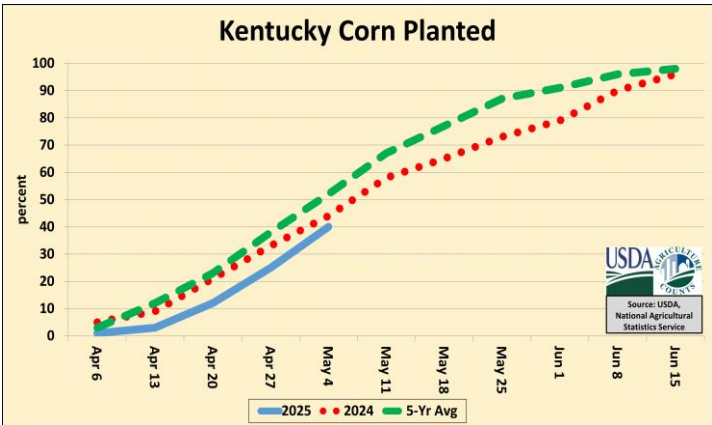


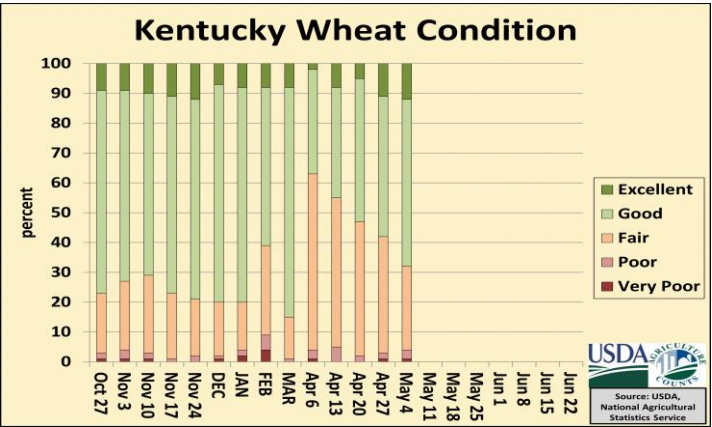
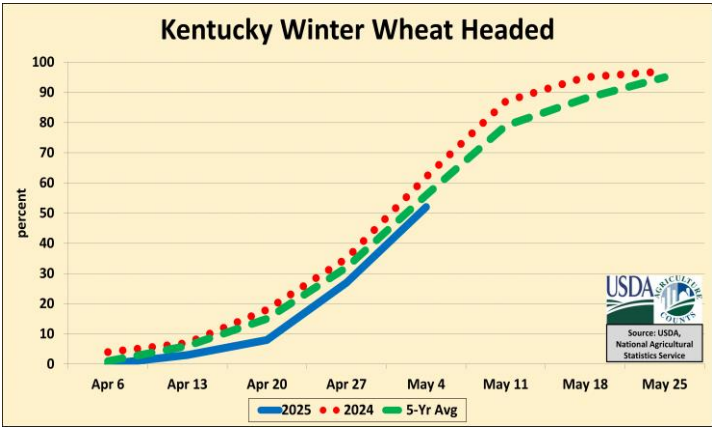
CROP PROGRESS for week ending 05/04/25				
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	40	25	44	52
Corn Emerged	19	5	24	25
Soybeans Planted	28	16	31	27
Soybeans Emerged	5	-1	6	7
Tobacco Transplants Seeded	87	77	-1	-1
Winter Wheat Headed	52	27	62	56

-1 Represents not available.

CROP CONDITIONS for week ending 05/04/25					
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	1	2	16	70	11
Livestock	1	2	18	65	14
Pasture	1	7	22	59	11
Strawberries	4	6	22	62	6
Tobacco Transplants	-	1	4	88	7
Wheat	1	3	28	56	12

- Represents zero.





Kentucky Climate Summary
For the Period April 28, 2025 to May 4, 2025

Above Normal Temperatures and Rainfall:

After several weeks of below-normal rainfall, Kentucky ended April and began May with a more active weather pattern in place. Throughout the workweek, an unstable air mass brought periodic rounds of showers and thunderstorms, some of which turned strong to severe. Initially, storm coverage was scattered, but it became more widespread on Derby Day, including a heavier band of rainfall that set up over South Central Kentucky and extended northeast into the Bluegrass region. Lighter activity persisted into Sunday, concluding the period. Overall, the state averaged 1.87 inches of rain for the week, with the heavier band pushing totals to 2-3+ inches in that particular area. Temperatures were warm for most of the workweek, consistently reaching the 70s and 80s. Elevated humidity even gave a taste of summer at times. However, temperatures cooled on Derby Day and Sunday under thick cloud cover, with highs struggling in the 50s and 60s.

Temperatures for the period averaged 66 degrees across the state which was 5 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 75 in the West to 76 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 57 degrees in the West to 55 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 89 degrees at FORT CAMPBELL and the extreme low was 38 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 1.87 inches statewide which was 0.64 inches above normal and 152% of normal. Precipitation totals by climate division, West 1.30 inches, Central 2.04 inches, Bluegrass 2.52 inches and East 1.61 inches, which was -0.03, 0.75, 1.33 and 0.51 inches respectively from normal. By station, precipitation totals ranged from a low of 0.06 inches at HINDMAN 5N to a high of 4.55 inches at FRANKFORT 7S.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/04/25 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
		<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Western KY													
Caldwell	Princeton(M)	1.93	34.01	2.70	15.52	-2.28	86	46	65	1			
Christian	Hopkinsville(M)	0.78	34.66	1.86	16.76	-2.75	85	46	65	2	80	57	68
Daviess	Owensboro(AP)	1.48	22.36	2.58	5.84	-2.25	86	49	66	3			
Fulton	Hickman(M)	0.97	28.63	1.82	10.13	-3.21	86	51	66	2			
Marshall	Benton(M)	0.79	35.77	2.30	14.28	-3.04	86	48	65	1	78	61	69
McCracken	Paducah(AP)	1.01	23.36	1.81	4.86	-3.22	87	49	66	2			
McLean	Calhoun(M)	1.87	26.20	2.82	7.13	-2.05	86	48	66	1	77	59	68
Todd	Elkton(M)	2.46	31.50	3.19	13.60	-1.42	85	47	65	2			
Union	Morganfield(M)	0.60	23.53	2.17	7.01	-2.66	87	48	66	3			
Central KY													
Barren	Glasgow(M)	1.65	30.98	2.27	12.38	-2.51	83	46	65	3	80	57	68
Breckinridge	Hardinsburg(M)	1.55	28.60	2.99	10.40	-2.25	84	48	65	3	77	60	69
Clinton	Albany(M)	2.39	29.44	3.96	8.00	-1.01	83	48	65	5	80	59	69
Hardin	Elizabethtown(M)	1.60	31.87	3.12	13.67	-2.12	84	47	65	3	74	59	67
Hart	Munfordville(M)	2.35	31.68	3.17	12.61	-1.64	83	46	65	0	73	60	67
Jefferson	Louisville(AP)	1.35	25.51	3.25	8.42	-1.45	86	50	69	5			
Taylor	Campbellsville(M)	3.12	32.30	4.18	14.16	-0.46	84	45	65	3			
Warren	Bowling_Green(AP)	2.14	31.64	3.13	13.71	-1.56	88	48	68	4			
Bluegrass													
Boone	Cinci./NKY(AP)	2.51	21.34	4.78	5.40	0.42	80	48	64	4			
Boyle	Danville(M)	2.44	28.60	3.97	11.26	-0.52	82	49	66	4	76	61	69
Fayette	Lexington(AP)	2.64	27.54	4.89	10.74	0.59	82	49	66	5			
Franklin	Frankfort(M)	4.55	30.41	6.87	13.62	2.42	82	50	65	4	70	60	66
Madison	Richmond(M)	1.68	25.00	3.79	7.66	-0.70	84	46	66	4			
Mason	Maysville(M)	2.66	22.56	4.27	5.35	-0.17	79	45	64	5	69	56	64
Eastern KY													
Breathitt	Jackson(AP)	1.75	24.90	4.11	6.81	-0.23	83	49	66	3			
Harlan	Harlan(M)	1.99	27.07	4.52	9.10	0.29	70	42	57	-3	67	54	61
Lawrence	Louisa(M)	1.44	18.15	2.32	2.66	-1.34	87	40	66	6			
Pike	Pikeville(M)	1.61	20.30	3.05	4.81	-0.61	79	47	62	2			
Pulaski	Somerset(M)	2.71	29.53	4.29	12.19	-0.20	82	49	66	4			
Rowan	Morehead(M)	1.40	24.04	4.33	6.83	-0.17	83	42	65	5			

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