



Crop Progress and Condition

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Univ. of KY – Agr'l Weather Center
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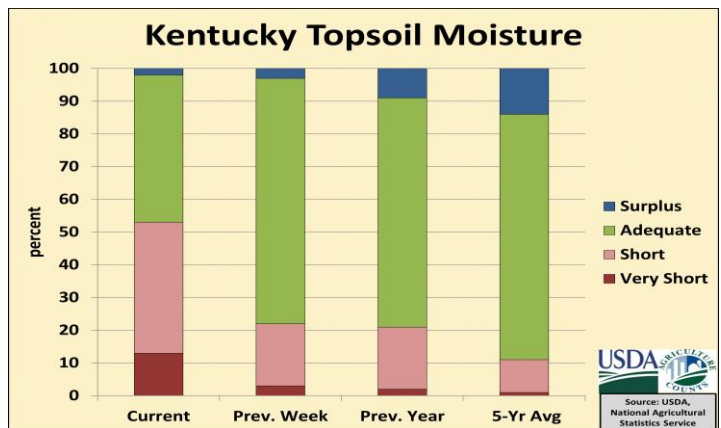
Agricultural News: Kentucky experienced above normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.07 inches, 1.01 inches below normal. Temperatures averaged 72 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 13 percent very short, 40 percent short, 45 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 8 percent very short, 36 percent short, 54 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities for this week included planting corn, soybeans, and tobacco along with cutting hay. Farmers forged ahead in the fields as weather continued to be dry for most of the state. There were a few pop up storms, but coverage was minimal. Corn planting is nearing completion while soybeans continue to run ahead when compared historically. The average height of corn is 12 inches at this juncture and the condition of the crop is mostly good. There are reports of corn twisting and signs of stress on the crop. Like corn, soybean condition is mostly good at this time, but there has been some replanting due to the presence of slugs. Tobacco setting is progressing quickly with conducive weather. The condition of tobacco set is mostly good. Winter wheat condition remains mostly good with 60 percent of the crop coloring. Wheat harvest will begin soon with rapid dry down conditions.

Pasture condition is mostly good, however heat and dry weather are taking a toll with regrowth stunted. Although weather has allowed hay cutting, regrowth is very slow. Hay yields are widely varied with dry weather cited for low production in some areas. Unfertilized grass fields are bearing the brunt as some legumes are faring more favorably. Hay inventories are low for some as a result of early feeding last fall and winter.

SOIL MOISTURE for week ending 06/04/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	13	40	45	2
Subsoil	8	36	54	2



CROP PROGRESS for week ending 06/04/23

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	97	91	94	93
Corn Emerged	86	76	77	79
Soybeans Planted	80	72	72	65
Soybeans Emerged	65	51	54	47
Tobacco Set	64	47	60	56
Winter Wheat Coloring	60	-1	-1	-1

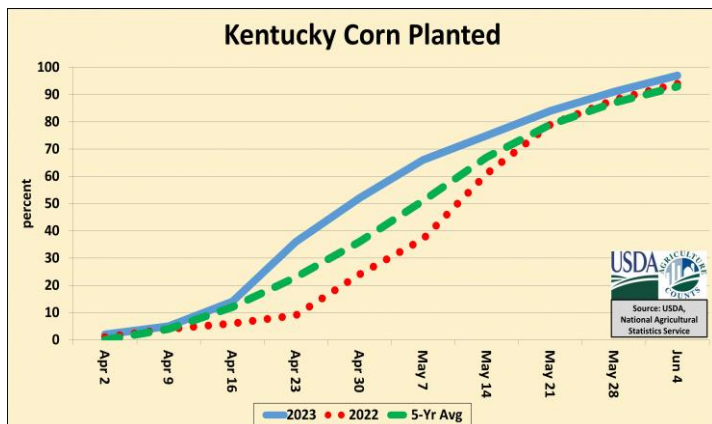
-1 Represents not available.

CROP CONDITIONS for week ending 06/04/23

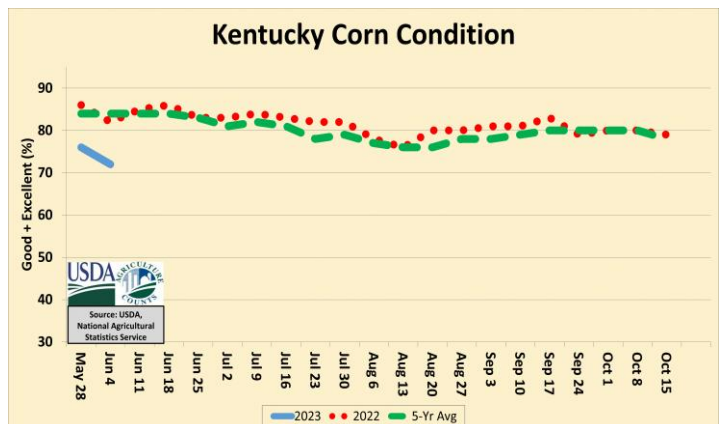
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	23	61	11
Pasture	1	11	26	57	5
Soybeans	1	3	18	67	11
Tobacco Set	1	1	13	79	6
Wheat	-	1	12	72	15

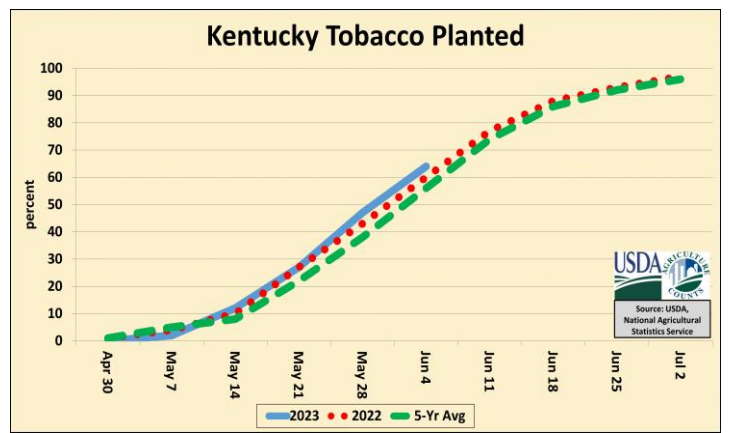
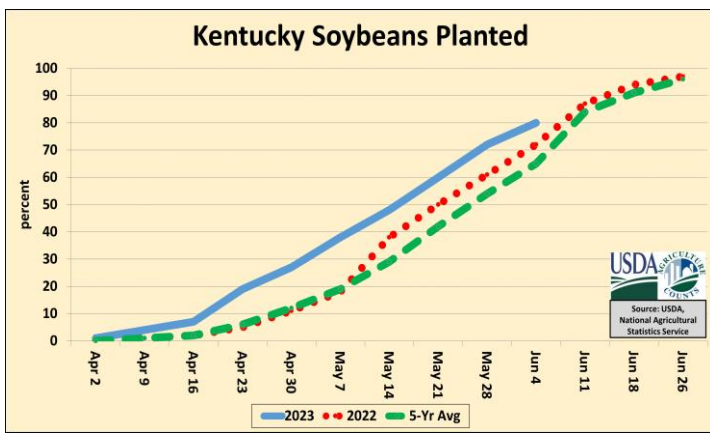
- Represents zero.

Kentucky Corn Planted



Kentucky Corn Condition





Kentucky Climate Summary
For the Period May 29, 2023 to June 4, 2023

Above Normal Temperatures and Much Below Normal Rainfall:

Rainfall has started running scarce across the Bluegrass State. Outside of some isolated showers and storms, most of Kentucky just saw a second straight week of dry conditions. If one was lucky enough, these storms showed capable of producing a half inch or so of rainfall, but again, coverage was low. Over the past 14 days, data from the Ag Weather Center shows the state has only averaged 0.28 inches, which is close to 2 inches below normal for this time of year. That average drops to 0.06 for Western KY, alone. 45% of the state is now considered 'abnormally dry' in the latest update of the U.S. Drought Monitor on June 1st. In addition to the lack of rainfall, summer-like temperatures returned to Kentucky this past week with high temperatures jumping into the upper 80s to low 90s over the weekend.

Temperatures for the period averaged 72 degrees across the state which was 2 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 83 in the East. Departure from normal high temperatures ranged from 6 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 61 degrees in the West to 57 degrees in the East. Departure from normal low temperatures were near normal across the state. The extreme high temperature for the period was 95 degrees at PADUCAH ASOS and the extreme low was 49 degrees at PIKEVILLE 13S.

Precipitation (liq. equ.) for the period totaled 0.07 inches statewide which was 1.01 inches below normal and 6% of normal. Precipitation totals by climate division, West 0.06 inches, Central 0.13 inches, Bluegrass 0.03 inches and East 0.08 inches, which was 0.99, 0.99, 1.05 and 0.99 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 0.76 inches at HARDINSBURG 5SW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/04/23 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)	0.00	21.88	2.61	-1.25	-1.51	90	53	74	2			
Christian	Hopkinsville(M)	0.00	24.85	3.46	1.72	-1.21	88	52	73	1	82	68	76
Daviess	Owensboro(AP)	0.01	17.80	1.65	-3.40	-2.49	91	55	76	4			
Fulton	Hickman(M)	0.14	25.42	2.75	2.20	-1.43	92	54	74	1			
Marshall	Benton(M)	0.00	24.20	2.45	-3.03	-2.72	89	53	73	1	85	67	76
McCracken	Paducah(AP)	0.00	28.09	2.99	4.87	-1.19	95	54	76	3			
McLean	Calhoun(M)	0.04	24.34	3.32	0.20	-1.23	89	53	73	0	97	64	82
Todd	Elkton(M)	0.00	23.47	2.80	0.34	-1.87	89	50	72	0			
Union	Morganfield(M)	0.00	21.08	1.95	-0.12	-2.19	93	54	75	3	94	67	81
Central KY													
Barren	Glasgow(M)	0.00	22.34	3.52	-1.62	-1.28	89	55	71	0			
Breckinridge	Hardinsburg(M)	0.76	22.70	2.13	-1.32	-3.06	88	54	72	2	88	64	77
Clinton	Albany(M)	0.14	18.75	1.53	-7.98	-3.19	87	53	69	0	82	66	73
Hardin	Elizabethtown(M)	0.05	22.97	2.93	-1.05	-2.26	90	54	72	2	77	62	70
Hart	Munfordville(M)	0.04	21.83	2.52	-2.28	-1.97	88	57	71	-1	82	65	74
Jefferson	Louisville(AP)	0.02	21.56	3.11	-0.52	-1.33	93	59	78	5			
Taylor	Campbellsville(M)	0.11	21.86	1.58	-1.60	-3.16	88	55	71	1			
Warren	Bowling_Green(AP)	0.15	19.83	2.87	-3.00	-1.49	92	55	75	3			
Bluegrass													
Boone	Cinci./NKY(AP)	0.00	19.20	0.46	-1.38	-3.70	93	52	75	6			
Boyle	Danville(M)	0.00	20.99	1.91	-1.34	-2.53	90	55	71	2	90	62	77
Fayette	Lexington(AP)	0.00	19.35	2.07	-2.87	-2.80	93	57	74	4			
Franklin	Frankfort(M)	0.28	19.61	2.35	-2.10	-2.01	90	54	71	1	83	66	75
Madison	Richmond(M)	0.00	17.72	1.41	-4.61	-3.03	91	54	70	1			
Mason	Maysville(M)	0.08	17.20	1.20	-5.11	-3.39	90	53	71	3	77	63	71
Eastern KY													
Breathitt	Jackson(AP)	0.04	20.27	3.53	-2.97	-1.10	88	53	71	2			
Harlan	Harlan(M)	0.00	25.03	3.15	2.25	-1.10	76	45	62	-6	75	55	65
Lawrence	Louisa(M)	0.05	19.83	4.13	-0.10	0.12	88	55	69	1			
Pike	Pikeville(M)	0.14	20.00	5.26	0.07	1.25	81	49	65	-2			
Pulaski	Somerset(M)	0.00	18.09	1.15	-4.24	-3.29	89	52	69	0			
Rowan	Morehead(M)	0.00	19.32	3.90	-3.02	-0.69	88	53	69	1			

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, 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