



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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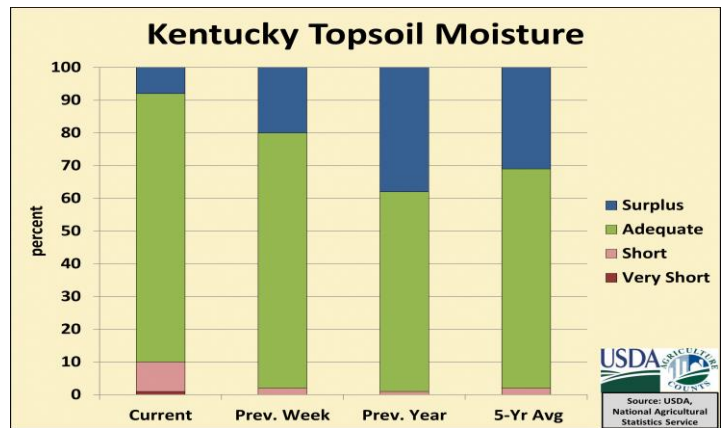
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.30 inches, 0.78 inches below normal. Temperatures averaged 60 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 9 percent short, 82 percent adequate, and 8 percent surplus. **Subsoil moisture** was rated 1 percent very short, 8 percent short, 82 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven.

Primary activities for this week included seeding tobacco transplants along with planting corn and soybeans. Farmers were able to steadily work in the fields this past week with favorable weather. Conditions were mostly dry with mild temperatures until the weekend brought some scattered rain. For those not yet planting, field preparation is coming along and fertilizer is being applied. The bit of rain that was received will aid newly seeded fields. Tobacco transplant seeding is ahead of last year at 74 percent. Seeded transplants are in mostly good condition. The average height of transplants is rated as 60 percent less than 2 inches, 34 percent 2-4 inches, and 6 percent larger than 4 inches. Winter wheat continues to be in mostly good condition as any freeze damage has been assessed. Damage is reported as 10 percent moderate, 54 percent light, and 36 percent with none. Six percent of the wheat crop is now headed with an average height of 16 inches.

Pasture condition has improved with recent weather promoting growth. The average height of alfalfa is 7 inches at this time. Alfalfa freeze damage is reported as 1 percent severe, 4 percent moderate, 25 percent light, and 70 percent with no damage. It is of note that weevils were reported in some alfalfa.

SOIL MOISTURE for week ending 04/16/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	9	82	8
Subsoil	1	8	82	9



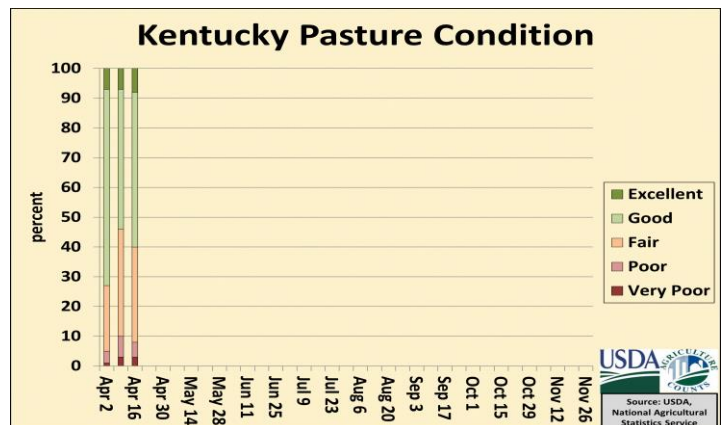
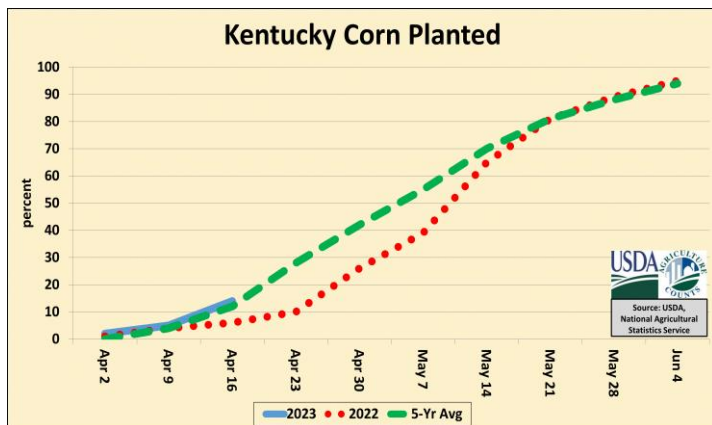
CROP PROGRESS for week ending 04/16/23

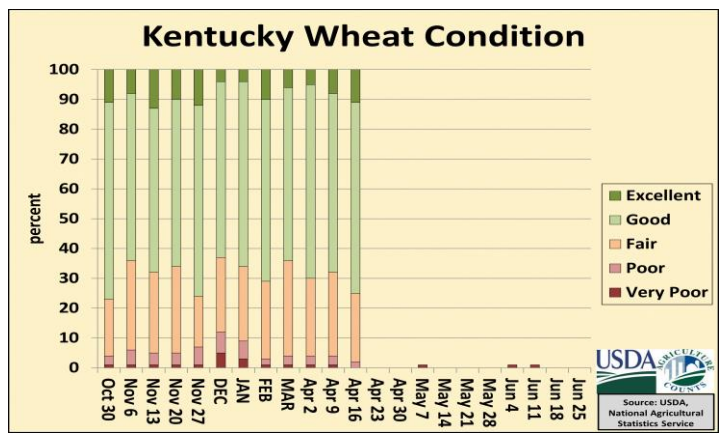
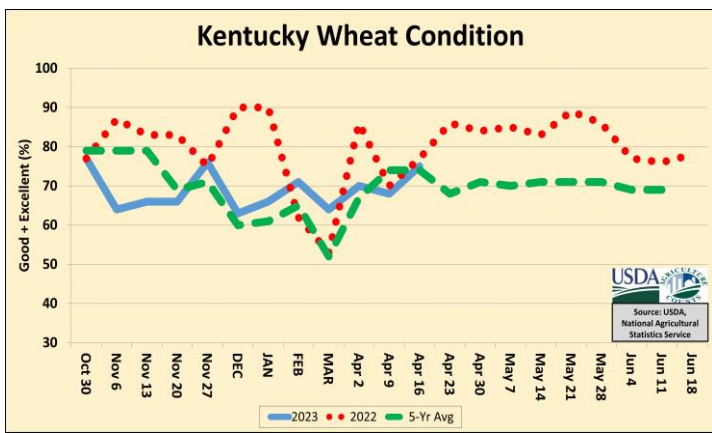
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	14	5	6	12
Soybeans Planted	7	4	2	2
Tobacco Transplants Seeded	74	52	64	71
Winter Wheat Headed	6	2	3	6

CROP CONDITIONS for week ending 04/16/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	5	32	52	8
Tobacco Transplants	-	1	14	75	10
Wheat	-	2	23	64	11

- Represents zero.





**Kentucky Climate Summary
For the Period April 10, 2023 to April 16, 2023**

Above Normal Temperatures and Below Normal Rainfall:

The Bluegrass State couldn't ask for much better planting conditions over the course of the workweek. Dry conditions were the norm, along with very mild temperatures. Highs consistently jumped into the 70s and at times, 80s, under mostly sunny skies. The week ended with a couple rounds of showers and storms, one on Friday and the other on Saturday night and into Sunday. In the end though, accumulations were limited. The state only averaged 0.30 inches for the week. This has been a theme for the month of April. Through April 16th, data from the Ag Weather Center shows the state has only averaged 1.30 inches, which is roughly an inch below normal.

Temperatures for the period averaged 60 degrees across the state which was 5 degrees warmer than normal and 2 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 6 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. Low temperatures averaged from 46 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at PEABODY and the extreme low was 27 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 0.30 inches statewide which was 0.78 inches below normal and 28% of normal. Precipitation totals by climate division, West 0.46 inches, Central 0.21 inches, Bluegrass 0.08 inches and East 0.45 inches, which was 0.69, 0.89, 0.96 and 0.57 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CYNTHIANA 8N to a high of 1.10 inches at PEABODY.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/16/23 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)	0.71	16.17	4.56	1.01	0.22	82	39	60	2			
Christian	Hopkinsville(M)	0.25	17.31	4.71	2.51	0.39	82	44	62	5	71	56	63
Daviess	Owensboro(AP)	0.34	14.17	4.70	0.91	0.52	83	41	62	5			
Fulton	Hickman(M)	0.22	19.52	4.92	4.43	0.66	81	41	59	1			
Marshall	Benton(M)	0.82	19.44	5.58	1.50	0.75	80	42	60	1	68	53	61
McCracken	Paducah(AP)	0.55	21.27	4.65	6.18	0.39	83	41	62	4			
McLean	Calhoun(M)	0.46	17.74	4.96	1.85	0.32	82	36	59	0	80	46	64
Todd	Elkton(M)	0.00	16.92	4.49	2.12	0.17	80	39	59	2			
Union	Morganfield(M)	0.60	16.53	5.30	3.27	1.12	80	40	60	3	73	50	63
Central KY													
Barren	Glasgow(M)	0.11	16.62	4.52	1.22	0.34	80	39	59	3	68	49	58
Breckinridge	Hardinsburg(M)	0.49	17.50	4.36	2.86	0.04	81	37	60	4	75	48	63
Clinton	Albany(M)	0.34	14.47	3.62	-3.62	-1.04	82	36	58	4	74	49	61
Hardin	Elizabethtown(M)	0.10	17.11	3.80	2.47	-0.52	80	38	59	3	65	49	57
Hart	Munfordville(M)	0.01	17.35	5.46	1.53	1.25	81	41	59	0	66	50	59
Jefferson	Louisville(AP)	0.02	15.71	4.24	1.79	0.09	83	42	65	7			
Taylor	Campbellsville(M)	0.20	18.37	5.15	3.39	0.98	82	33	58	1			
Warren	Bowling_Green(AP)	0.14	14.68	4.71	-0.10	0.61	82	38	61	3			
Bluegrass													
Boone	Cinci./NKY(AP)	0.72	15.39	5.45	2.35	1.53	79	38	61	7			
Boyle	Danville(M)	0.15	16.88	3.28	2.60	-0.82	80	34	59	2	71	46	61
Fayette	Lexington(AP)	0.00	15.38	3.26	1.47	-0.65	84	38	62	7			
Franklin	Frankfort(M)	0.02	15.25	3.07	1.43	-1.10	79	33	59	3	69	50	60
Madison	Richmond(M)	0.04	14.40	3.15	0.12	-0.95	84	31	58	1			
Mason	Maysville(M)	0.02	13.71	3.58	-0.57	-0.64	79	33	59	6	68	47	59
Eastern KY													
Breathitt	Jackson(AP)	0.76	15.11	4.30	-0.12	0.15	85	45	65	7			
Harlan	Harlan(M)	0.47	19.74	3.38	4.51	-0.75	74	36	54	0	66	43	56
Lawrence	Louisa(M)	0.58	13.46	3.62	0.41	0.11	87	30	61	7			
Pike	Pikeville(M)	0.25	13.41	2.86	0.36	-0.65	82	42	61	7			
Pulaski	Somerset(M)	0.58	14.74	4.16	0.46	0.06	83	33	57	0			
Rowan	Morehead(M)	0.22	13.13	3.08	-1.08	-0.99	83	32	59	5			

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