



Crop Progress and Condition

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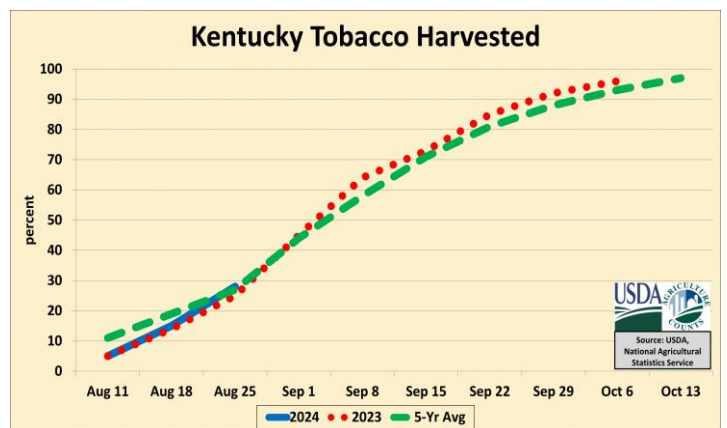
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.05 inches, 0.73 inches below normal. Temperatures averaged 70 degrees for the week, 6 degrees below normal. **Topsoil moisture** was rated 10 percent very short, 34 percent short, 54 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 8 percent very short, 35 percent short, 55 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities for this week included cutting hay along with topping and cutting tobacco. Dry weather prevailed across the state allowing farmers to forge ahead in the fields. Moisture deficits are increasing for much of the state as rain would be welcomed by many. There is some worry regarding yields in the driest areas. Temperatures were very fall-like for most of the week with summer heat returning for the weekend. The corn harvest will begin to ramp up in the coming weeks as only 1 percent of the crop is out of the field at this juncture. Some later planted corn and double crop soybeans have been underdeveloped due to lack of rain. Both corn and soybeans remain in mostly good condition, however there is a good deal of drought stress in the crops. Nearly all tobacco has bloomed and is in the process of being topped. Tobacco farmers will turn their focus to cutting as topping begins to wrap up. With conducive weather, strong cutting progress was reported this week. Tobacco condition remains mostly good.

Pasture condition continues to be mostly good although the lack of rain and mild temperatures this week have stunted growth. If drought persists as temperatures cool, farmers may need to supplement with hay. The condition of the hay crop is rated mostly good, but yields will vary significantly.

SOIL MOISTURE for week ending 08/25/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	34	54	2
Subsoil	8	35	55	2



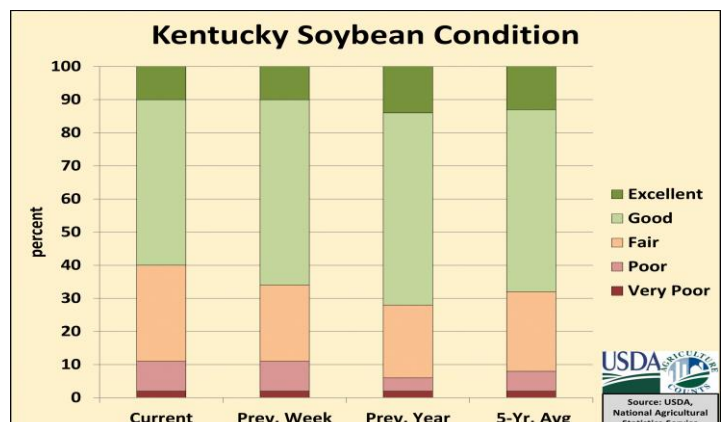
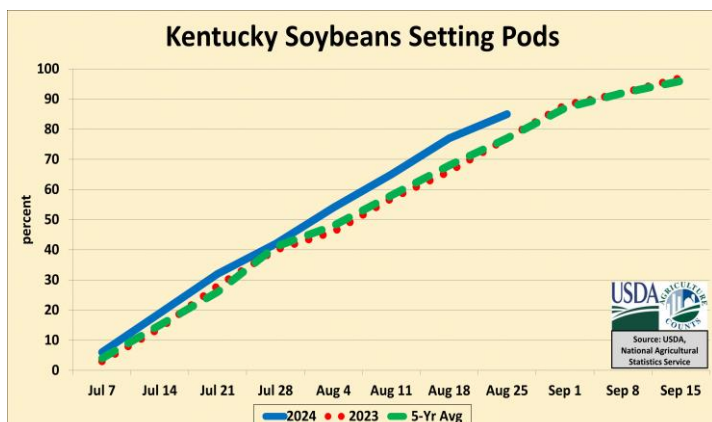
CROP PROGRESS for week ending 08/25/24

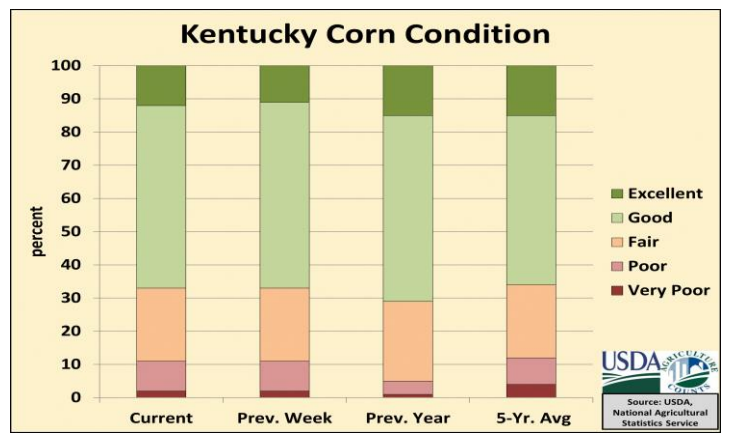
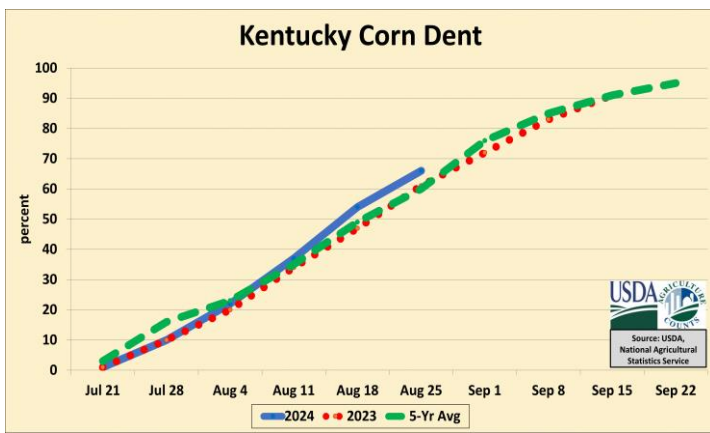
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	91	85	92	92
Corn Dough	83	75	80	78
Corn Dent	66	54	61	60
Corn Mature	25	5	24	23
Corn Harvested	1	-	-	1
Soybeans Blooming	92	88	89	90
Soybeans Setting Pods	85	77	77	77
Soybeans Coloring	29	21	19	18
Soybeans Dropping Leaves	3	-1	1	2
Tobacco Blooming	93	86	91	92
Tobacco Topped	77	69	78	78
Tobacco Cut	28	15	25	27

- Represents zero.
-1 Represents not available.

CROP CONDITIONS for week ending 08/25/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	9	22	55	12
Hay	1	3	28	58	10
Pasture	2	9	31	51	7
Soybeans	2	9	29	50	10
Tobacco Set	1	4	21	70	4





Kentucky Climate Summary
For the Period August 19, 2024 to August 25, 2024

Below Normal Temperatures and Rainfall:

Most of Kentucky experienced a week of dry weather, with only minor accumulations early in the period across the eastern half of the state. Deficits are starting to rise for some areas of Kentucky, particularly across Western KY and the Northern Bluegrass, which are 1-2+ inches below normal over the past 30 days. More notable this past week were the unseasonably cool temperatures, giving the Commonwealth an early glimpse of fall. Throughout much of the workweek, highs struggled in the 70s, which would be more typical of late September and early October. Some localities even saw lows drop into the mid to upper 40s. The weather pattern shifted abruptly over the weekend as high pressure moved east and a southerly flow pattern returned. Consequently, highs jumped back into the upper 80s to low 90s, though humidity remained tolerable.

Temperatures for the period averaged 70 degrees across the state which was 6 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 85 in the West to 80 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 60 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 6 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. The extreme high temperature for the period was 96 degrees at LOUISA 1S and the extreme low was 44 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.05 inches statewide which was 0.73 inches below normal and 6% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.07 inches, Bluegrass 0.04 inches and East 0.08 inches, which was 0.73, 0.78, 0.67 and 0.74 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 0.63 inches at BRANDENBURG 4SW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/25/24 7 P.M.^

County	Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*	Last Week	Since Apr 1	Dev. Since Apr 1
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	0.02	20.67	1.05	-1.19	-2.31	92	55	72	-4	158	3191	49
Christian	Hopkinsville(M)	0.00	23.69	1.54	0.84	-2.40	90	53	71	-5	153	3198	43
Daviess	Owensboro(AP)	0.00	19.41	1.29	-0.76	-1.34	93	56	74	-1	167	3360	319
Fulton	Hickman(M)	0.00	23.95	0.43	2.54	-2.50	92	53	73	-4	163	3384	114
Marshall	Benton(M)	0.00	25.88	2.33	1.49	-1.14	91	54	73	-4	162	3263	32
McCracken	Paducah(AP)	0.00	23.57	2.02	2.16	-0.91	95	53	75	-2	172	3540	270
McLean	Calhoun(M)	0.00	28.17	2.05	5.73	-0.57	90	50	70	-7	143	3081	-256
Todd	Elkton(M)	0.00	28.53	2.03	5.68	-1.91	92	51	71	-5	148	3101	-54
Union	Morganfield(M)	0.00	22.93	1.86	2.76	-0.77	94	47	72	-3	155	3232	191
Central KY													
Barren	Glasgow(M)	0.00	28.41	1.67	5.13	-1.92	89	53	70	-5	146	3079	105
Breckinridge	Hardinsburg(M)	0.00	25.39	2.87	2.50	-0.09	89	51	70	-5	141	3022	84
Clinton	Albany(M)	0.00	25.13	1.92	1.09	-1.99	87	53	69	-4	139	3017	374
Hardin	Elizabethtown(M)	0.00	21.00	3.27	-1.89	0.31	87	52	69	-6	135	3023	85
Hart	Munfordville(M)	0.00	24.12	3.12	1.20	-0.38	88	51	69	-8	136	3032	-302
Jefferson	Louisville(AP)	0.00	19.74	2.23	-1.64	-1.25	94	56	75	-3	175	3597	307
Taylor	Campbellsville(M)	0.00	23.56	3.57	0.96	0.21	90	48	69	-5	137	3009	135
Warren	Bowling_Green(AP)	0.00	24.67	2.10	2.93	-1.37	92	55	74	-3	167	3533	280
Bluegrass													
Boone	Cinci./NKY(AP)	0.00	16.78	2.45	-3.83	-0.75	94	53	72	-2	151	3054	372
Boyle	Danville(M)	0.01	20.13	3.62	-2.81	0.27	87	46	67	-6	123	2977	212
Fayette	Lexington(AP)	0.00	20.02	4.15	-3.01	0.57	91	51	71	-3	148	3275	434
Franklin	Frankfort(M)	0.00	19.09	5.43	-2.17	2.45	90	48	68	-7	130	2974	74
Madison	Richmond(M)	0.01	20.06	4.72	-2.88	1.37	87	46	66	-7	115	2882	117
Mason	Maysville(M)	0.04	16.11	2.41	-5.77	-0.87	92	48	68	-5	127	2902	277
Eastern KY													
Breathitt	Jackson(AP)	0.10	19.07	4.47	-4.60	0.37	88	53	69	-5	136	3134	298
Harlan	Harlan(M)	0.30	19.49	4.62	-4.08	0.29	76	45	60	-13	71	1891	-847
Lawrence	Louisa(M)	0.00	15.49	2.44	-5.73	-1.03	96	46	68	-5	132	3054	410
Pike	Pikeville(M)	0.26	19.45	3.79	-1.77	0.32	80	49	64	-9	103	2520	-124
Pulaski	Somerset(M)	0.00	26.55	4.38	3.61	1.03	87	46	66	-7	113	2828	63
Rowan	Morehead(M)	0.42	24.49	5.59	0.70	1.86	88	47	65	-7	111	2738	156

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