



Crop Progress and Condition

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

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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.21 inches, 0.61 inches below normal. Temperatures averaged 74 degrees for the week, 6 degrees above normal. **Topsoil moisture** was rated 34 percent very short, 43 percent short, 22 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 30 percent very short, 48 percent short, 22 percent adequate, and 0 percent surplus. Days suitable for fieldwork averaged 6.6 out of a possible seven.

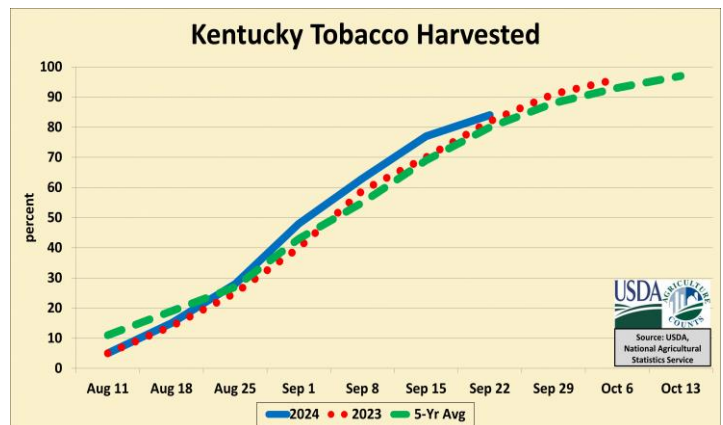
Primary activities for this week included harvesting corn and soybeans along with cutting tobacco. Dry conditions persist statewide with growing concern for field crops. Temperatures have remained above normal exacerbating drought stress. A bit of precipitation arrived with the weekend, but hardly enough to improve the overall outlook. In some areas, creeks and ponds are drying up and the ground is beginning to fracture. Many producers are expressing worry for their grain yields. Corn production varies greatly as the harvest pushes forward. The soybean harvest is well underway as lack of rain has kept field work moving. Despite increasing drought, corn and soybean conditions remain mostly good at this time. Tobacco cutting forges on with no rain to impede work as producers shift their focus to housing. The condition of housed tobacco has deteriorated with dry conditions cited. Lack of moisture is disrupting the curing process for many.

Pasture growth continues to be stunted by the dry, hot weather. Conditions are mostly fair, however the margins are very small. There is concern for winter hay stocks as many farmers have found it necessary to supplement for livestock. The dry weather has impacted yields and limited cuttings. Some livestock producers will enter the winter season without a fall cutting, fueling concern. Water has been an added issue as some natural sources have grown substantially dry. In these instances, farmers are hauling water to livestock.

SOIL MOISTURE for week ending 09/22/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	34	43	22	1
Subsoil	30	48	22	-

- Represents zero.



CROP PROGRESS for week ending 09/22/24

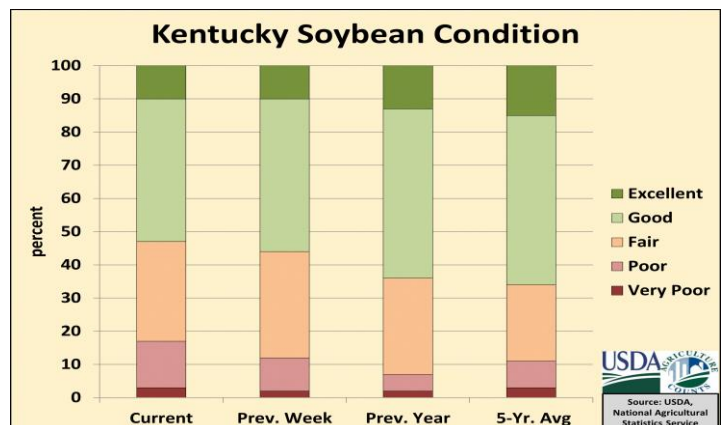
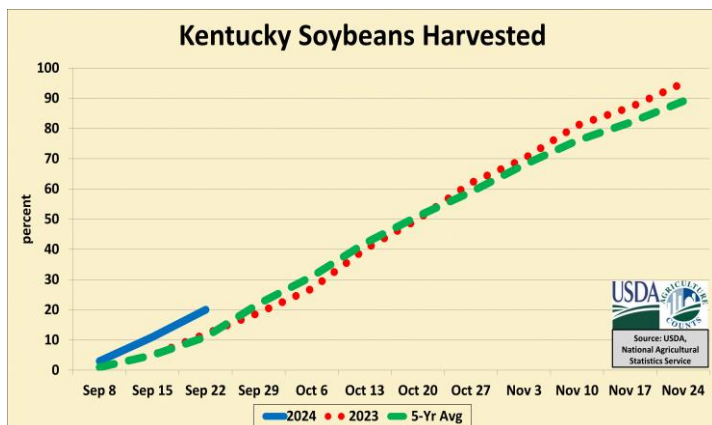
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	96	92	94	94
Corn Mature	85	78	71	78
Corn Harvested	45	33	30	36
Soybeans Coloring	79	69	63	67
Soybeans Dropping Leaves	55	41	37	40
Soybeans Harvested	20	11	12	11
Tobacco Cut	84	77	82	80
Winter Wheat Seeded	1	-	1	1

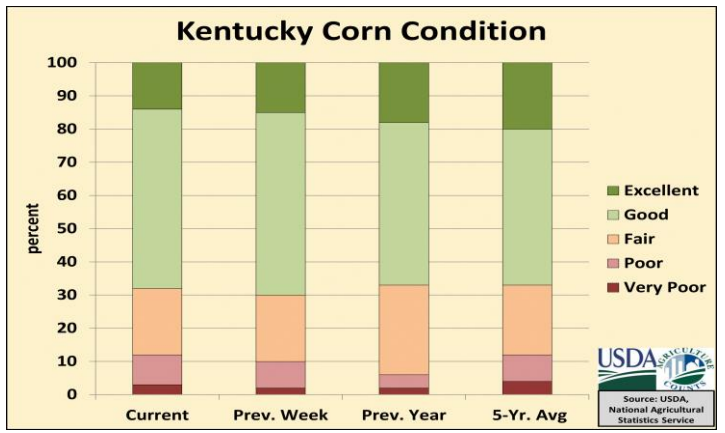
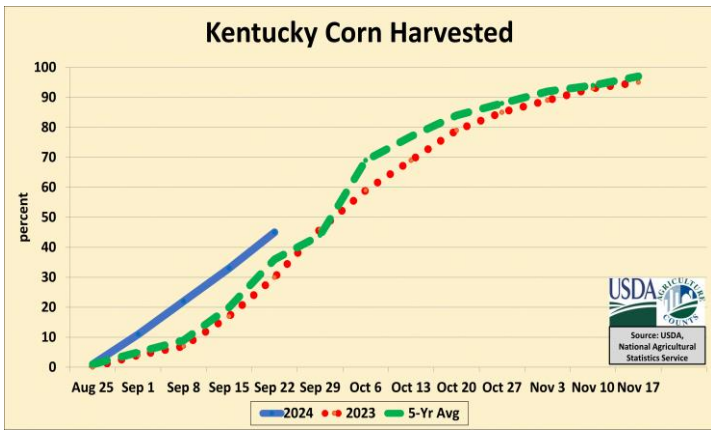
- Represents zero.

CROP CONDITIONS for week ending 09/22/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	9	20	54	14
Hay	11	10	24	47	8
Pasture	23	21	29	24	3
Soybeans	3	14	30	43	10
Tobacco Housed	-	4	72	24	-

- Represents zero.





Kentucky Climate Summary
For the Period September 16, 2024 to September 22, 2024

Above Normal Temperatures and Below Normal Rainfall:

Mostly dry conditions persisted for yet another week. The state only averaged 0.21 inches as drought conditions continue to expand. According to the latest update of the U.S. Drought Monitor, nearly 66% of the state is now considered in drought. This marks the highest percentage of the 2024 growing season. The only rain activity for the week occurred across Eastern KY on Tuesday and isolated to scattered coverage (statewide) on Friday night and through the weekend. Unseasonably warm temperatures returned to the area over the second half of the period. Highs peaked on Friday and Saturday with highs in the upper 80s to middle 90s. This is over 10 degrees above normal for this time of year. Heat indices even topped the century mark for many across the western half of KY.

Temperatures for the period averaged 74 degrees across the state which was 6 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 89 in the West to 84 in the East. Departure from normal high temperatures ranged from 8 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 64 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at MORGANFIELD 4E and the extreme low was 49 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.21 inches statewide which was 0.61 inches below normal and 26% of normal. Precipitation totals by climate division, West 0.19 inches, Central 0.08 inches, Bluegrass 0.18 inches and East 0.38 inches, which was 0.61, 0.79, 0.61 and 0.44 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 1.44 inches at TRIANGLE MOUNTAIN.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 9/22/24 7 P.M.^

County	Weather Station	Rainfall			Deviation From		Air Temperatures			
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F
Western KY										
Caldwell	Princeton(M)	0.02	21.37	0.70	-3.23	-2.14	92	58	75	5
Christian	Hopkinsville(M)	0.06	24.87	1.18	-1.15	-2.12	91	62	76	5
Daviess	Owensboro(AP)	0.00	20.12	0.71	-2.92	-2.25	94	58	77	8
Fulton	Hickman(M)	0.35	27.00	3.05	2.67	0.04	88	59	75	5
Marshall	Benton(M)	0.00	26.96	1.08	-0.65	-2.24	91	60	76	5
McCracken	Paducah(AP)	0.00	25.56	1.99	1.23	-1.02	94	60	78	8
McLean	Calhoun(M)	0.01	28.86	0.69	3.64	-2.17	94	53	74	2
Todd	Elkton(M)	0.01	30.28	1.75	4.26	-1.55	92	55	74	3
Union	Morganfield(M)	0.04	23.60	0.67	0.56	-2.29	97	57	77	8
Central KY										
Barren	Glasgow(M)	0.03	29.72	1.31	3.41	-1.83	92	57	74	4
Breckinridge	Hardinsburg(M)	0.00	27.25	1.86	1.38	-1.23	92	53	74	5
Clinton	Albany(M)	0.00	25.96	0.83	-2.05	-3.27	90	58	72	5
Hardin	Elizabethtown(M)	0.08	21.52	0.52	-4.35	-2.57	92	55	73	4
Hart	Munfordville(M)	0.00	26.06	1.94	-0.43	-1.75	92	58	73	1
Jefferson	Louisville(AP)	0.00	21.19	1.45	-3.29	-1.76	94	63	79	8
Taylor	Campbellsville(M)	0.06	24.75	1.19	-1.28	-2.35	92	55	73	4
Warren	Bowling_Green(AP)	0.11	25.69	1.02	0.61	-2.45	95	58	77	6
Bluegrass										
Boone	Cinci./NKY(AP)	0.00	17.03	0.25	-6.35	-2.62	94	62	78	11
Boyle	Danville(M)	0.04	22.04	1.91	-4.30	-1.59	88	56	71	3
Fayette	Lexington(AP)	0.19	21.62	1.60	-4.38	-1.47	92	60	76	8
Franklin	Frankfort(M)	0.02	20.40	1.31	-3.71	-1.63	91	56	73	5
Madison	Richmond(M)	0.67	22.38	2.32	-3.96	-1.18	90	56	71	3
Mason	Maysville(M)	0.70	20.43	4.32	-4.48	1.19	91	57	72	4
Eastern KY										
Breathitt	Jackson(AP)	0.11	19.62	0.55	-7.06	-2.59	92	61	74	6
Harlan	Harlan(M)	1.93	22.30	2.81	-4.11	-0.15	75	50	63	-4
Lawrence	Louisa(M)	0.13	15.98	0.49	-8.24	-2.62	94	53	72	5
Pike	Pikeville(M)	0.46	20.32	0.87	-3.90	-2.24	82	56	69	2
Pulaski	Somerset(M)	0.10	29.83	3.28	3.49	-0.22	87	55	69	1
Rowan	Morehead(M)	1.34	27.60	3.11	0.39	-0.42	90	53	71	4

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