



# Crop Progress and Condition

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**In Cooperation with:**

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Kentucky Department of Agriculture  
Cooperative Extension Service

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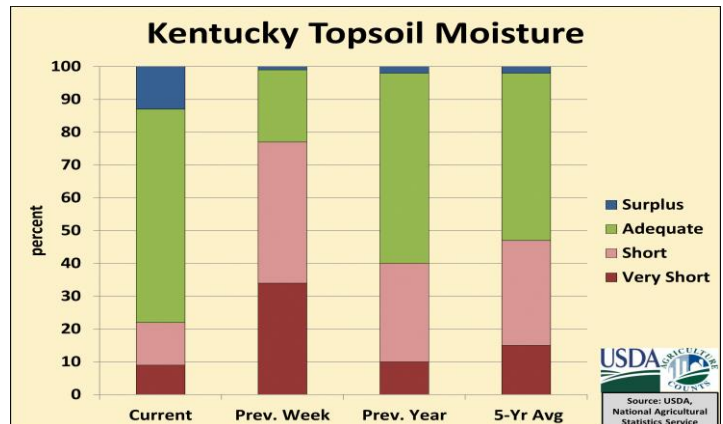
**Agricultural News:** Kentucky experienced above normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 4.71 inches, 3.84 inches above normal. Temperatures averaged 70 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 9 percent very short, 13 percent short, 65 percent adequate, and 13 percent surplus. **Subsoil moisture** was rated 10 percent very short, 21 percent short, 62 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 3.7 out of a possible seven.

Primary activities for this week included harvesting corn and soybeans along with cutting tobacco. After an extended period of increasing drought, the state received heavy prolonged rain resulting from hurricane Helene. The rainfall amount surpassed what is normally expected for the month. With strong winds accompanying the precipitation, some crops were laid over. Damage will be assessed in the coming weeks as there is some concern for grain yields. Many have faced loss of power and flooding as well. With conducive weather early in the week, farmers pushed ahead with harvesting. Both corn and soybeans remain mostly good despite the recent weather event. Tobacco cutting is nearing completion as producers set their sights on housing. The condition of housed tobacco has improved significantly with recent rain aiding the curing process. Tobacco houseburn is rated as 2 percent moderate, 21 percent light, and 77 percent with none evident. Although still in the early stages, winter wheat planting is underway.

Pastures will benefit from the rain this past week. The heaviness of the precipitation does open the door for damage from livestock traffic, however regrowth should be significantly better overall. Livestock condition is mostly good at this time. Late hay may be possible for some with concern for winter stocks. Hay supplies are rated as 3 percent very short, 22 percent short, 69 percent adequate, and 6 percent surplus.

**SOIL MOISTURE for week ending 9/29/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	9	13	65	13
Subsoil	10	21	62	7



**CROP PROGRESS for week ending 9/29/24**

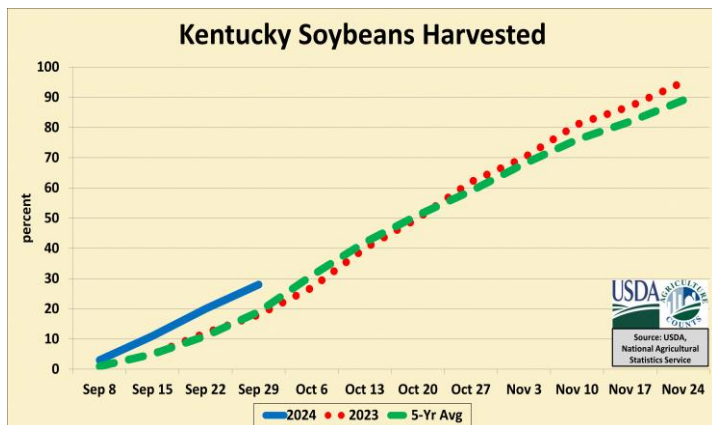
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	91	85	83	87
Corn Harvested	56	45	43	51
Soybeans Coloring	85	79	74	79
Soybeans Dropping Leaves	66	55	51	54
Soybeans Harvested	28	20	18	19
Tobacco Cut	91	84	90	88
Winter Wheat Seeded	5	1	4	4

**CROP CONDITIONS for week ending 9/29/24**

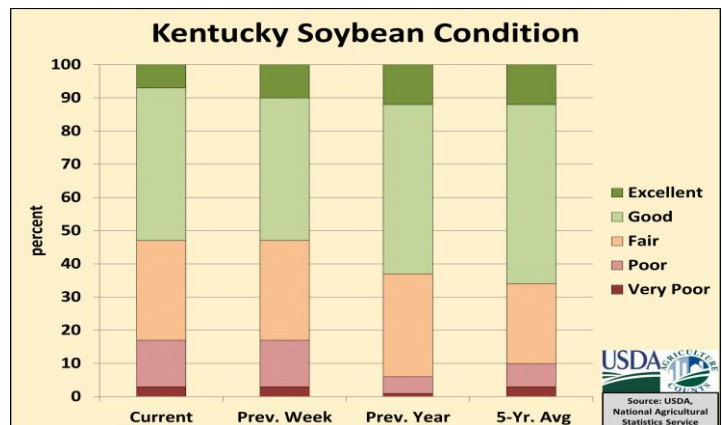
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	4	8	21	54	13
Livestock	2	3	20	66	9
Pasture	15	25	29	29	2
Soybeans	3	14	30	46	7
Tobacco Housed	-	2	53	39	6

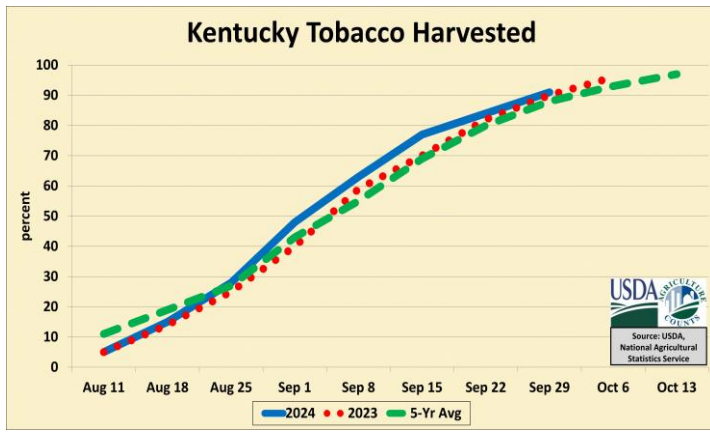
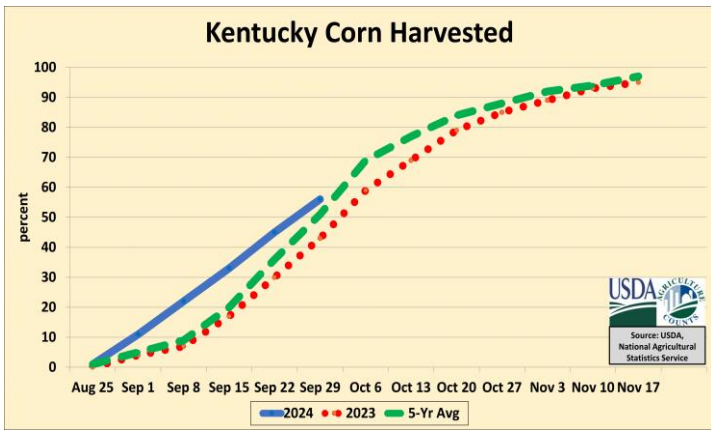
- Represents zero.

**Kentucky Soybeans Harvested**



**Kentucky Soybean Condition**





**Kentucky Climate Summary**  
**For the Period September 23, 2024 to September 29, 2024**

Above Normal Temperatures and Much Above Normal Rainfall:

Following weeks of drought expansion, the state was in urgent need of significant rainfall, and that’s exactly what it received. Hurricane Helene made landfall on the Florida Panhandle on Thursday night, quickly pushing northward into the region. The heaviest rain fell Thursday night and continued into Friday, before gradually easing and tapering through the weekend. Most of Kentucky saw between 2 to 5+ inches of rain over this three-day stretch, with the highest totals concentrated in Western and Central Kentucky. This occurred on top of an already active weather pattern over the first half of the week, during which Kentucky experienced waves of showers. Overall, the state averaged 4.71 inches for the week. Putting in perspective, Kentucky normally only averages 3.36 inches for the entire month of September. While the rain was desperately needed, damaging winds created challenges, particularly across the eastern half of the state. Gusts reached 50 to 60+ mph in the Southern Bluegrass and Eastern Kentucky, leading to numerous power outages and less-than-ideal conditions for crops impacted by drought this fall.

Temperatures for the period averaged 70 degrees across the state which was 4 degrees warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 77 in the West to 75 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 64 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 11 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at FORT CAMPBELL and the extreme low was 52 degrees at CADIZ 4SW.

Precipitation (liq. equ.) for the period totaled 4.71 inches statewide which was 3.84 inches above normal and 545% of normal. Precipitation totals by climate division, West 5.20 inches, Central 5.27 inches, Bluegrass 4.84 inches and East 3.53 inches, which was 4.33, 4.36, 4.00 and 2.69 inches above normal. By station, precipitation totals ranged from a low of 0.79 inches at JACKSON AIRPORT to a high of 9.73 inches at Harlan 24E.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 9/29/24 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
<b>Western KY</b>										
Caldwell	Princeton(M)	5.60	26.99	6.30	1.42	3.25	86	58	69	1
Christian	Hopkinsville(M)	5.77	30.66	6.94	3.65	3.64	84	56	68	0
Daviess	Owensboro(AP)	4.40	24.55	4.95	0.59	1.84	84	59	70	3
Fulton	Hickman(M)	4.89	33.82	9.60	8.45	6.28	84	56	69	2
Marshall	Benton(M)	6.15	33.13	7.25	4.43	3.64	86	54	69	1
McCracken	Paducah(AP)	6.53	32.22	8.30	6.85	4.98	83	55	71	4
McLean	Calhoun(M)	5.18	34.37	6.15	8.10	2.89	84	56	69	0
Todd	Elkton(M)	5.77	36.05	7.52	9.04	4.22	90	56	69	1
Union	Morganfield(M)	7.40	31.00	8.02	7.04	4.91	85	57	70	3
<b>Central KY</b>										
Barren	Glasgow(M)	6.19	35.94	7.24	8.59	3.89	84	57	68	1
Breckinridge	Hardinsburg(M)	4.69	32.01	5.23	5.15	2.00	82	57	68	2
Clinton	Albany(M)	3.40	29.36	3.51	0.10	-0.82	88	62	69	5
Hardin	Elizabethtown(M)	5.89	27.41	6.37	0.55	3.14	83	57	68	2
Hart	Munfordville(M)	5.83	32.46	6.94	4.98	3.27	82	59	68	0
Jefferson	Louisville(AP)	5.24	26.46	6.71	0.93	3.29	81	62	72	4
Taylor	Campbellsville(M)	6.31	31.06	6.70	3.99	3.05	82	61	68	2
Warren	Bowling_Green(AP)	4.80	30.49	5.21	4.46	1.83	88	60	72	4
<b>Bluegrass</b>										
Boone	Cinci./NKY(AP)	5.36	22.40	5.44	-1.81	2.54	82	61	70	6
Boyle	Danville(M)	4.59	26.63	6.42	-0.78	2.76	83	61	68	3
Fayette	Spindletop(M)	5.39	27.53	6.03	0.58	2.83	81	62	68	2
Franklin	Frankfort(M)	4.20	24.62	5.09	-0.43	1.97	79	59	68	3
Madison	Richmond(M)	3.89	26.27	5.84	-1.14	2.18	85	63	70	5
Mason	Maysville(M)	5.60	26.03	6.64	0.17	3.35	81	63	69	4
<b>Eastern KY</b>										
Breathitt	Jackson(AP)	4.09	23.71	4.41	-3.91	1.22	86	62	69	3
Harlan	Harlan(M)	9.73	32.14	12.14	4.76	9.04	76	55	61	-4
Lawrence	Louisa(M)	4.65	20.63	4.78	-4.46	1.66	88	62	70	6
Pike	Pikeville(M)	5.49	25.81	6.15	0.72	3.03	80	56	65	1
Pulaski	Somerset(M)	3.24	33.07	3.93	5.66	0.27	83	62	68	3
Rowan	Morehead(M)	4.51	32.53	7.06	4.31	3.43	80	63	69	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](http://weather.uky.edu/climate_normals.php)