



Crop Progress and Condition

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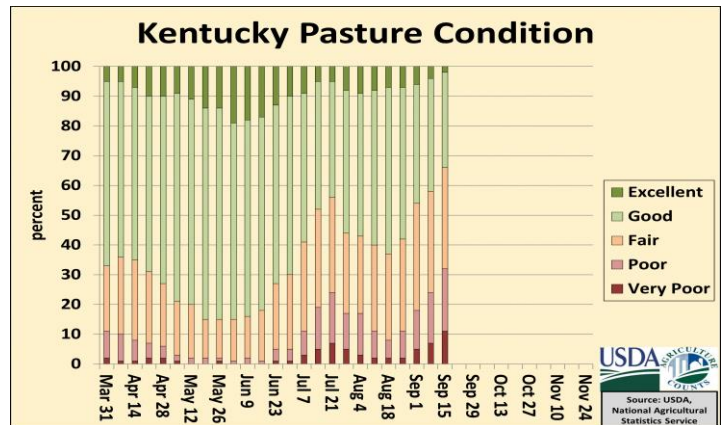
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled .56 inches, 0.32 inches below normal. Temperatures averaged 70 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 30 percent very short, 44 percent short, 24 percent adequate and 2 percent surplus. **Subsoil moisture** was rated 25 percent very short, 51 percent short, 23 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

Primary activities this week included harvesting of corn and early soybeans, and cutting tobacco. Dry conditions continued this week as most of Kentucky is now under abnormally dry or moderate drought conditions. Any rainfall that has occurred has been spotty and not provided widespread relief. The dry weather allowed for harvest to continue at a strong pace. Corn is now at 78% mature and 33% harvested, both well ahead of their five-year averages. 11% of soybeans have been harvested, which is also ahead of the five-year average of 5%. Soybean conditions declined slightly from last week, with 56% now being reported as good or excellent, down from 59% last week. Corn condition is mostly steady from last week. 77% of tobacco has now been cut. Reports show that 57% of housed tobacco is in fair condition, with 28% in good condition and 15% rated as excellent. The dry weather and relatively low humidity has impacted curing conditions for the burley crop.

Livestock producers continue to struggle with poor pasture conditions due to drought. Only 34% of pasture condition is rated good or excellent, while 32% is currently rated as very poor or poor. It is not uncommon for producers to already have begun supplementing with hay. Some natural water sources are running low and impacting water quality as well.

SOIL MOISTURE for week ending 09/15/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	30	44	24	2
Subsoil	25	51	23	1



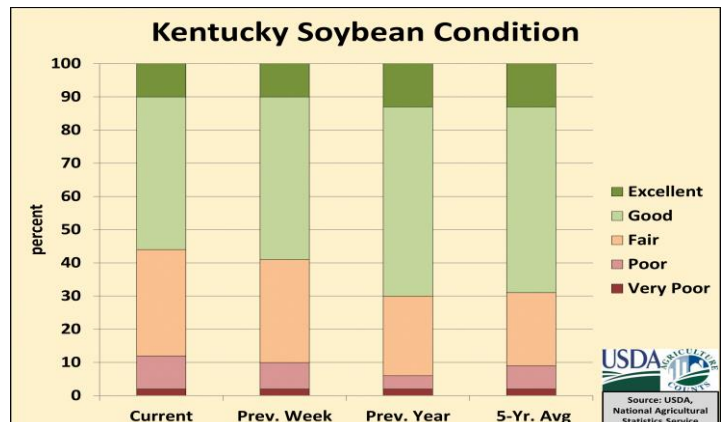
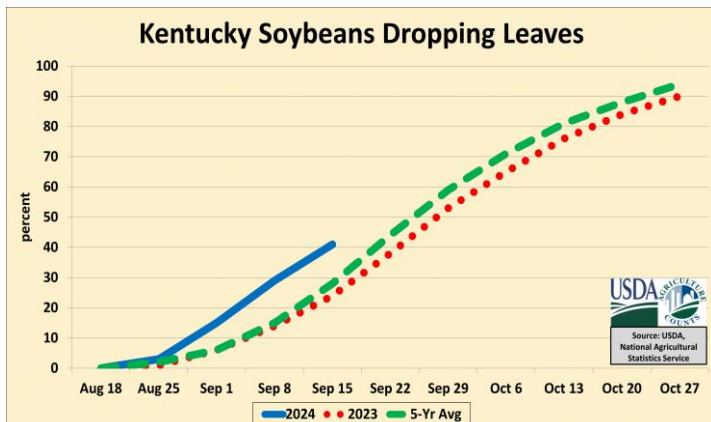
CROP PROGRESS for week ending 09/15/24

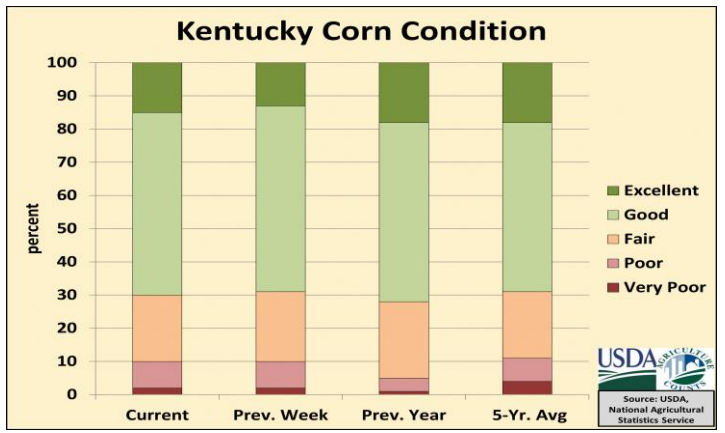
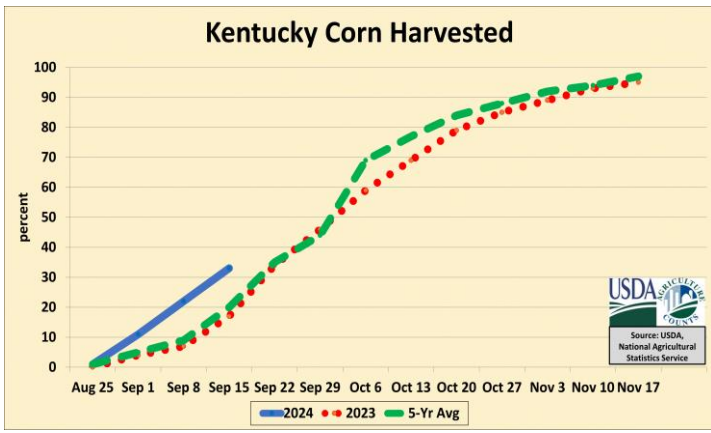
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	92	88	89	89
Corn Mature	78	67	58	67
Corn Harvested	33	22	17	20
Soybeans Coloring	69	59	51	53
Soybeans Dropping Leaves	41	29	24	27
Soybeans Harvested	11	3	5	5
Tobacco Cut	77	63	70	69

CROP CONDITIONS for week ending 09/15/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	8	20	55	15
Pasture	11	21	34	32	2
Soybeans	2	10	32	46	10
Tobacco Housed	-	-	57	28	15

- Represents zero.





Kentucky Climate Summary
For the Period September 9, 2024 to September 15, 2024

Below Normal Temperatures and Rainfall:

According to the latest update from the U.S. Drought Monitor on September 12th, nearly 60% of Kentucky is currently experiencing drought conditions. Some areas have been worse off than others with pockets of severe drought developing throughout the state. Much of Kentucky is running 2+ inches below normal over the past 30 days. Although the remnants of Hurricane Francine provided some relief this past week, significant rainfall was primarily confined to Western Kentucky and the Southern Bluegrass region. In contrast, much of South Central Kentucky, the Northern Bluegrass, and Eastern Kentucky saw less than a quarter inch of rain.

Temperatures for the period averaged 70 degrees across the state which was 1 degree cooler than normal and no change to the previous period. High temperatures averaged from 85 in the West to 82 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 58 degrees in the West to 55 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 94 degrees at MORGANFIELD 4E and the extreme low was 36 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.56 inches statewide which was 0.32 inches below normal and 63% of normal. Precipitation totals by climate division, West 1.14 inches, Central 0.49 inches, Bluegrass 0.39 inches and East 0.21 inches, which was 0.26, -0.46, -0.47 and -0.64 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 2.77 inches at HICKMAN 2E.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/15/24 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	Degree s F	Degree s F	Degree s F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	0.67	21.36	0.71	-2.61	-2.17	91	43	71	0	150	3703	57
Christian	Hopkinsville(M)	0.70	24.87	1.18	-0.43	-2.23	88	46	71	-1	151	3711	38
Daviess	Owensboro(AP)	0.50	20.12	0.71	-2.28	-2.18	91	43	73	2	162	3908	382
Fulton	Hickman(M)	2.78	27.00	3.05	3.37	0.18	89	44	70	-1	141	3879	96
Marshall	Benton(M)	1.08	26.96	1.08	0.14	-2.07	90	45	71	-1	148	3778	28
McCracken	Paducah(AP)	1.64	25.56	1.99	1.93	-0.88	93	44	72	0	155	4076	293
McLean	Calhoun(M)	0.39	28.85	0.68	4.30	-2.02	88	40	69	-4	136	3558	-311
Todd	Elkton(M)	1.66	30.28	1.75	4.98	-1.66	91	41	70	-2	145	3606	-67
Union	Morganfield(M)	0.58	23.56	0.63	1.16	-2.26	94	40	72	1	155	3762	236
Central KY													
Barren	Glasgow(M)	0.30	29.69	1.28	4.08	-1.85	89	45	70	-1	146	3571	106
Breckinridge	Hardinsburg(M)	0.36	27.25	1.86	2.07	-1.17	87	43	70	0	140	3503	77
Clinton	Albany(M)	0.06	25.96	0.83	-1.14	-3.17	87	44	69	0	139	3490	413
Hardin	Elizabethtown(M)	0.28	21.44	0.44	-3.74	-2.59	87	43	69	-1	136	3491	65
Hart	Munfordville(M)	0.22	26.06	1.94	0.30	-1.81	86	44	69	-4	135	3503	-366
Jefferson	Louisville(AP)	1.36	21.19	1.45	-2.55	-1.70	92	52	75	2	175	4189	364
Taylor	Campbellsville(M)	0.31	24.69	1.13	-0.58	-2.35	89	42	69	-1	139	3487	143
Warren	Bowling_Green(AP)	0.30	25.58	0.91	1.18	-2.69	91	47	73	0	162	4089	315
Bluegrass													
Boone	Cinci./NKY(AP)	0.00	17.03	0.25	-5.74	-2.66	90	44	73	3	159	3575	440
Boyle	Danville(M)	1.44	22.00	1.88	-3.58	-1.54	87	42	68	-1	129	3438	219
Fayette	Lexington(AP)	0.58	21.43	1.41	-3.91	-1.67	90	45	72	1	152	3792	480
Franklin	Frankfort(M)	0.63	20.38	1.29	-3.07	-1.55	89	42	68	-2	130	3444	71
Madison	Richmond(M)	0.80	21.71	1.66	-3.87	-1.76	86	41	66	-3	115	3296	77
Mason	Maysville(M)	0.00	19.73	3.66	-4.47	0.65	86	42	68	-1	128	3351	267
Eastern KY													
Breathitt	Jackson(AP)	0.01	19.51	0.54	-6.50	-2.71	87	47	71	1	145	3619	320
Harlan	Harlan(M)	0.25	20.37	1.18	-5.38	-1.94	76	51	63	-6	93	2199	-998
Lawrence	Louisa(M)	0.00	15.85	0.36	-7.71	-2.74	93	41	69	0	139	3521	432
Pike	Pikeville(M)	0.01	19.86	0.67	-3.70	-2.43	80	51	67	-1	124	2932	-157
Pulaski	Somerset(M)	0.59	29.73	3.18	4.15	-0.24	83	40	66	-3	112	3234	15
Rowan	Morehead(M)	0.04	26.26	2.19	-0.17	-1.24	87	41	67	-1	119	3145	128

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