



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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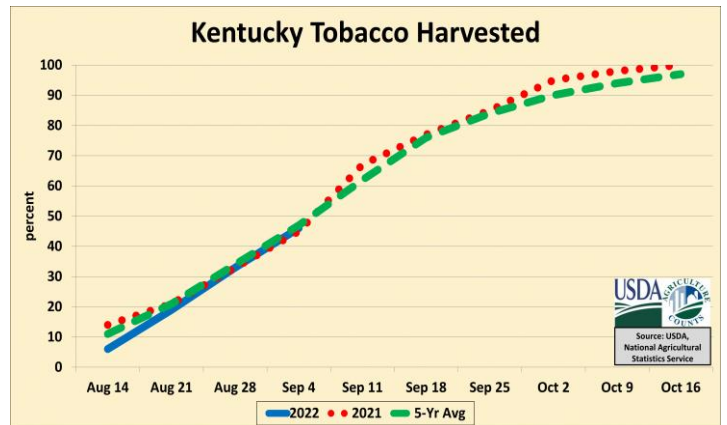
Issue: 27-22

**Agricultural News:** Kentucky experienced above normal precipitation and temperatures over the past week. Precipitation for the week totaled 1.53 inches, 0.78 inches below normal. Temperatures averaged 75 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 3% very short, 16% short, 70% adequate and 11% surplus. **Subsoil moisture** was rated 3% very short, 14% short, 76% adequate, and 7% surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

Primary activities this week included topping and cutting tobacco. Corn harvest has begun for some producers, however they are still in the early stages. Farmers across much of the state received much needed rain over the past week with some localized flooding in a few areas. Eighty-eight percent of corn is in the dough stage while 75% of the crop is dented. Forty percent of corn is mature at this juncture with 7% of the crop harvested. Corn condition remain steady following drought earlier in the season. Eighty-nine percent of soybeans are setting pods with 30% of the crop coloring. Ten percent of beans are now dropping leaves. Soybean condition has improved slightly to be mostly good to fair overall. Tobacco is 91% topped at this time and 46% of the crop has been harvested. The condition of tobacco remains mostly good. Pastures are in mostly good to fair condition and the overall condition has improved slightly from the recent rains. The quality of hay made is in mostly good condition.

**SOIL MOISTURE for week ending 09/04/22**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	16	70	11
Subsoil	3	14	76	7



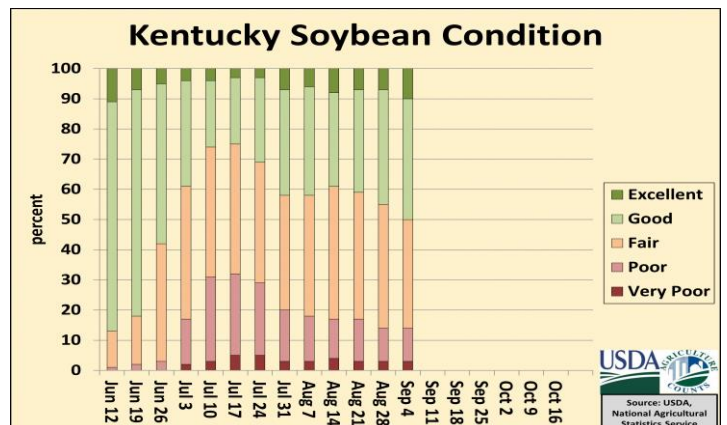
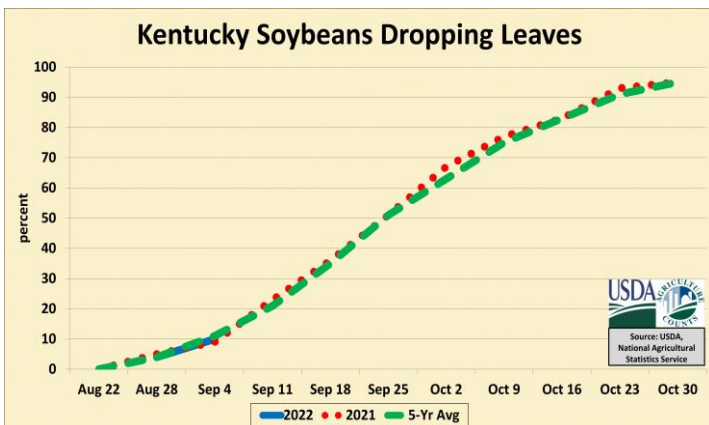
**CROP PROGRESS for week ending 09/04/22**

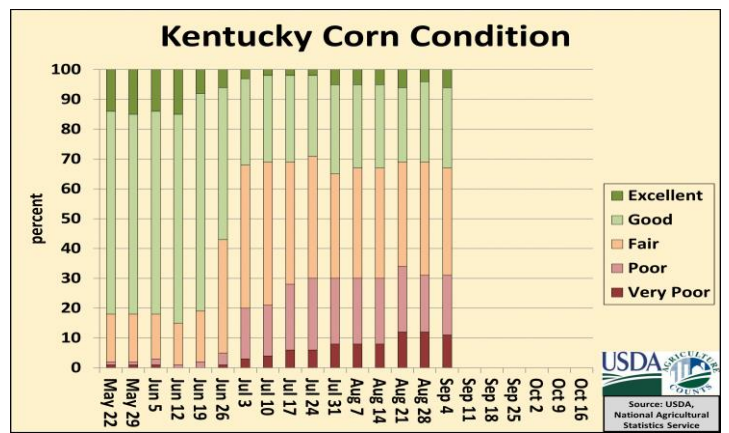
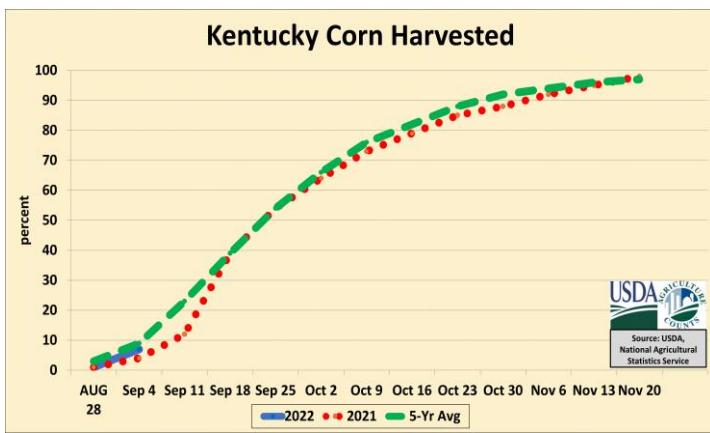
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	88	81	83	90
Corn Dent	75	69	71	79
Corn Mature	40	22	41	51
Corn Harvested	7	1	4	9
Soybeans Setting Pods	89	84	87	87
Soybeans Coloring	30	25	33	31
Soybeans Dropping Leaves	10	4	9	11
Tobacco Topped	91	84	87	88
Tobacco Cut	46	33	45	47

**CROP CONDITIONS for week ending 09/04/22**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	11	20	36	27	6
Hay Harvested Quality	2	6	26	55	11
Livestock	1	3	31	56	9
Pasture	2	12	38	38	10
Soybeans	3	11	36	40	10
Tobacco Set	2	8	33	50	7

-1 Shown when data not available.





**Kentucky Climate Summary  
For the Period August 29, 2022 to September 4, 2022**

Above Normal Temperatures and Rainfall:

The Bluegrass State saw several rounds of rainfall throughout the workweek. Overall, the state averaged 1.53 inches, breaking a two-week streak of below normal rainfall. Storms were capable of producing heavy rainfall. Slow storm movements, especially over the weekend, led to bouts of localized flooding. Some areas saw 3 to 4+ inches. Meteorological fall started on Thursday, but summer-like temperatures and humidity remained across the state for most of the week. The warmest temperatures were seen on Friday when highs jumped into the middle 80s to low 90s.

Temperatures for the period averaged 75 degrees across the state which was 1 degree warmer than normal and no change to the previous period. High temperatures averaged from 86 in the West to 84 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at PADUCAH ASOS and the extreme low was 54 degrees at CADIZ 4SW.

Precipitation (liq. equ.) for the period totaled 1.53 inches statewide which was 0.78 inches above normal and 204% of normal. Precipitation totals by climate division, West 1.71 inches, Central 1.49 inches, Bluegrass 2.01 inches and East 0.91 inches, which was 1.03, 0.68, 1.28 and 0.13 inches above normal. By station, precipitation totals ranged from a low of 0.14 inches at BIG SANDY to a high of 3.97 inches at FRANKLIN 4SW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/4/22 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
<b>Western KY</b>													
Caldwell	Princeton(M)	0.34	22.11	2.38	-0.70	-0.63	89	56	74	0	174	3379	-16
Christian	Hopkinsville(M)	2.18	26.56	2.92	2.54	-0.75	90	60	75	0	177	3392	-24
Daviess	Owensboro(AP)	1.95	16.90	3.33	-4.26	0.67	90	58	76	2	182	3545	260
Fulton	Hickman(M)	1.17	23.83	4.08	1.49	1.38	90	60	75	0	176	3550	21
Marshall	Benton(M)	1.40	24.80	3.34	-0.60	0.30	91	59	76	0	183	3471	-21
McCracken	Paducah(AP)	0.57	20.51	1.63	-1.83	-1.07	95	58	78	2	196	3741	212
McLean	Calhoun(M)	2.28	23.73	3.89	0.42	1.52	89	55	72	-3	159	3201	-403
Todd	Elkton(M)	2.14	24.48	3.68	0.46	0.01	89	55	74	-1	172	3402	-14
Union	Morganfield(M)	3.01	21.35	3.01	0.19	0.35	94	56	75	1	179	3413	128
<b>Central KY</b>													
Barren	Glasgow(M)	0.89	23.03	3.39	-1.30	0.23	90	57	74	0	173	3314	93
Breckinridge	Hardinsburg(M)	0.93	26.01	3.49	2.06	0.55	87	56	73	0	161	3227	42
Clinton	Albany(M)	1.31	26.26	2.64	0.90	-1.11	90	55	73	1	165	3177	314
Hardin	Elizabethtown(M)	1.01	19.96	3.03	-3.99	0.09	87	55	73	0	162	3178	-7
Hart	Munfordville(M)	1.06	17.86	3.99	-6.36	0.47	88	58	74	-2	170	3258	-343
Jefferson	Louisville(AP)	1.83	21.07	4.52	-1.35	1.34	91	64	79	2	200	3768	208
Taylor	Campbellsville(M)	1.00	18.86	1.78	-4.93	-1.51	88	56	73	0	167	3189	78
Warren	Bowling_Green(AP)	1.26	20.40	1.44	-2.62	-2.14	93	59	78	2	198	3783	267
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	1.34	27.68	3.33	6.09	0.38	89	58	74	1	170	3188	275
Boyle	Danville(M)	0.70	20.55	1.23	-3.57	-1.99	88	56	73	0	167	3154	160
Fayette	Lexington(AP)	1.43	20.64	3.14	-3.43	-0.01	89	58	76	2	179	3426	346
Franklin	Frankfort(M)	1.32	22.33	1.87	0.11	-0.84	87	55	73	0	164	3067	-73
Madison	Richmond(M)	3.68	23.94	4.19	-0.18	0.97	93	55	73	0	164	3040	46
Mason	Maysville(M)	1.98	23.38	4.65	0.47	1.77	89	57	73	0	161	2986	130
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.57	29.35	2.15	4.60	-1.42	90	58	75	2	174	3280	211
Harlan	Harlan(M)	0.78	30.82	2.24	6.25	-1.39	77	54	65	-7	110	1960	-1008
Lawrence	Louisa(M)	1.50	23.69	3.15	1.38	-0.01	92	59	75	3	177	3133	262
Pike	Pikeville(M)	0.35	31.73	4.06	9.42	0.90	82	59	70	-1	145	2606	-265
Pulaski	Somerset(M)	0.30	24.31	1.13	0.19	-2.09	90	51	72	0	158	3031	37
Rowan	Morehead(M)	1.39	25.99	3.26	1.01	-0.11	88	56	72	0	155	2881	79

Climate narrative and data table provided by 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)