



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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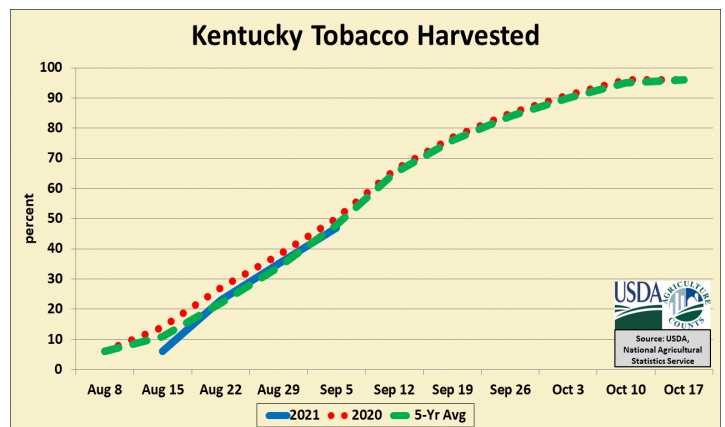
**Agricultural News:** Kentucky experienced below normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.16 inches, 1.41 inches above normal. Temperatures averaged 71 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 2 percent very short, 14 percent short, 77 percent adequate and 7 percent surplus. **Subsoil moisture** was rated 2 percent very short, 16 percent short, 76 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible seven.

Primary activities for this week included topping and cutting tobacco. The corn harvest has begun for some producers, however they are still in the early stages. Farmers across most of the state received much needed rain and reprieve from hot weather. Hurricane Ida brought cooler temperatures along with widespread precipitation. It is of note that bottom lands were subject to flooding in several areas. Both corn and soybeans are progressing steadily and remain in overall good condition. Tobacco cutting continues to move steadily with 47 percent of the crop harvested. The tobacco crop is in mostly good condition at this time.

Pastures should replenish from recent rain and will also benefit from milder temperatures. Livestock are also in good overall condition and will improve with the cooler temperatures. The intense heat through August put a good deal of stress on animals. The quality of the hay crop is mostly good, however many second cuttings have not been tested for quality. There continues to be reports of forage damaged by armyworms.

**SOIL MOISTURE for week ending 09/05/21**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	14	77	7
Subsoil	2	16	76	6



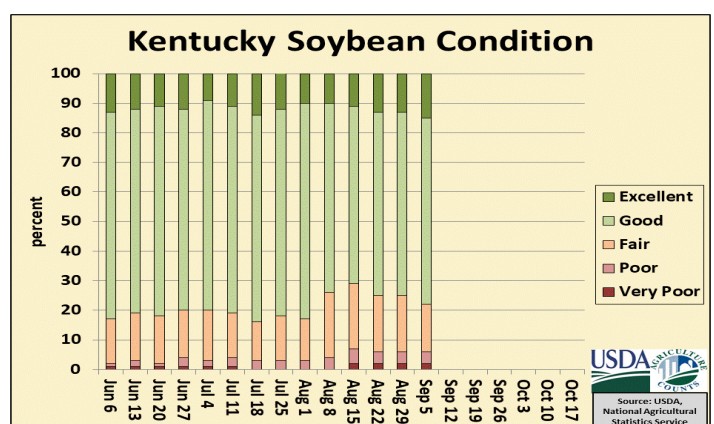
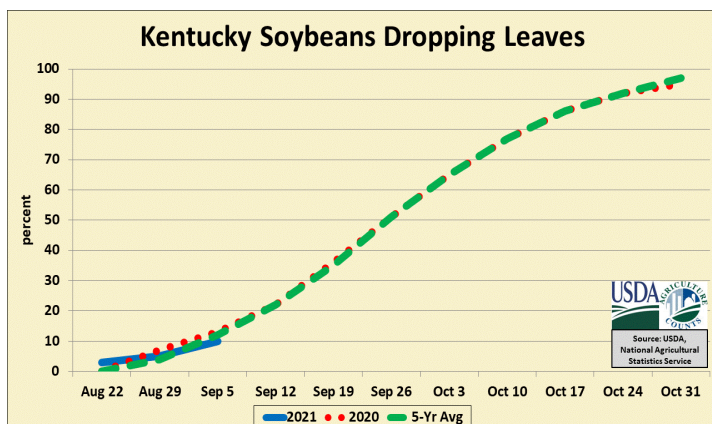
**CROP PROGRESS for week ending 09/05/21**

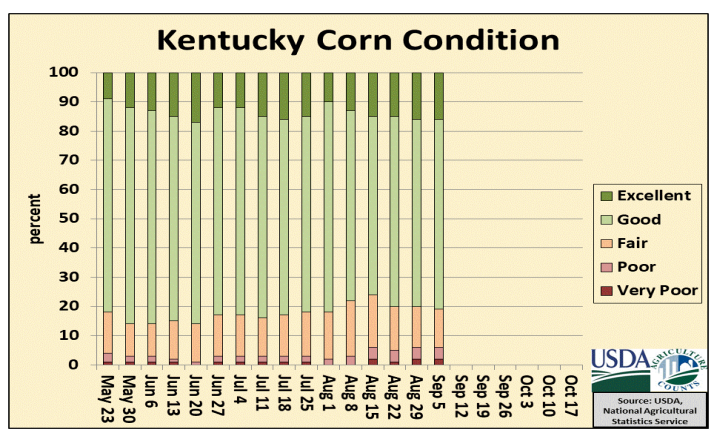
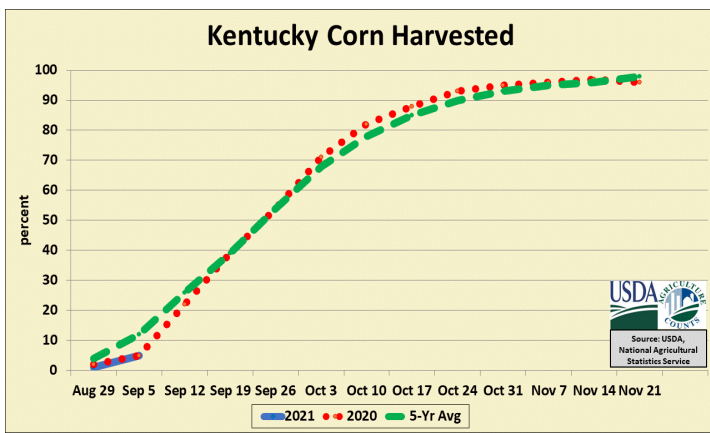
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	84	78	94	93
Corn Dent	72	62	81	83
Corn Mature	43	30	49	56
Corn Harvested	5	1	5	12
Soybeans Setting Pods	88	84	89	89
Soybeans Coloring	35	21	30	31
Soybeans Dropping Leaves	10	5	13	12
Tobacco Topped	88	82	91	89
Tobacco Cut	47	35	50	48

**CROP CONDITIONS for week ending 09/05/21**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	4	13	65	16
Hay Harvested Quality	1	3	15	68	13
Livestock	-	3	15	68	14
Pasture	2	5	24	57	12
Soybeans	2	4	16	63	15
Tobacco Set	2	11	21	53	13

- Represents zero.





**Kentucky Climate Summary  
For the Period August 30, 2021 to September 5, 2021**

Below Normal Temperatures and Much Above Normal Rainfall:

The month of August closed on a wet note with several rounds of showers and storms pushing through Kentucky on Monday and Tuesday. A combination of a cold front and the remnants of Hurricane Ida led to totals of 1-3+ inches across much of the area. The only exception was the Purchase area of Western Kentucky, which missed about everything. Following some lingering light activity on Wednesday across Eastern Kentucky, cooler and less humid air filtered into the area for the second half of the workweek. In fact, highs only rose into the middle 70s to low 80s on Thursday and Friday. The week then closed with another round of showers, mainly Saturday night and Sunday, with the passage of a cold front. The highest totals were across Western Kentucky and up into the Bluegrass with many seeing totals of a half to 1 inch+. Overall, the state averaged 2.16 inches for the week, which was almost 1.5 inches above normal.

Temperatures for the period averaged 71 degrees across the state which was 2 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 82 in the West to 77 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 64 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at MADISONVILLE 4S and the extreme low was 51 degrees at HINDMAN 5N.

Precipitation (liq. equ.) for the period totaled 2.16 inches statewide which was 1.41 inches above normal and 286% of normal. Precipitation totals by climate division, West 1.72 inches, Central 2.69 inches, Bluegrass 2.62 inches and East 1.62 inches, which was 1.03, 1.87, 1.89 and 0.84 inches above normal. By station, precipitation totals ranged from a low of 0.56 inches at MADISONVILLE 4S to a high of 5.44 inches at FRANKFORT 7S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/05/21 4 p.m.**

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
Bardstown	3.59	27.12	7.61	5.65	4.16	86	57	71	0	150	3,079	13
Berea	2.32	23.96	5.74	1.86	2.11	83	52	69	-1	136	2,798	-332
Bowling Green	2.80	20.86	5.57	-1.44	2.35	86	58	74	3	168	3,518	332
Bristol	1.06	16.27	3.99	-2.50	1.09	90	53	72	2	151	2,912	-9
Buckhorn Lake	1.90	20.60	4.99	-0.51	1.67	81	51	70	0	136	2,876	94
Cape Girardeau	0.67	20.89	2.33	0.18	-0.85	87	57	76	3	178	3,446	127
Campbellsville	2.26	19.88	5.20	-4.92	1.04	86	54	71	0	148	2,972	-133
Covington	1.28	26.20	5.73	6.26	2.76	81	58	72	2	154	3,070	197
Cumberland Gap	2.24	23.58	7.09	0.32	3.36	84	59	71	1	147	2,990	91
Dix Dam	1.70	27.03	6.98	4.97	3.52	83	54	70	0	144	2,984	-78
Evansville	1.98	20.98	8.70	1.07	5.90	85	58	74	1	170	3,353	188
Glasgow	3.12	28.66	9.95	4.46	6.31	84	58	71	0	148	3,105	13
Grayson	1.37	21.75	7.12	0.95	3.88	85	55	71	1	146	2,928	185
Hardinsburg	5.30	24.58	6.82	2.45	3.41	87	56	71	0	148	3,035	-162
Henderson	1.11	18.09	4.21	-2.35	1.28	85	56	72	-1	152	3,080	-142
Huntington	2.94	30.52	7.62	9.62	4.23	86	55	71	1	149	3,042	105
Jackson	0.97	25.63	8.74	3.38	5.18	83	57	71	1	148	3,164	382
Lexington	2.86	27.14	7.89	5.67	4.44	81	54	70	0	140	2,881	-95
London	2.01	25.96	5.74	5.51	2.70	87	54	72	2	152	3,030	96
Louisville	2.64	20.96	4.37	0.07	1.22	87	61	75	4	176	3,628	458
Mayfield	0.74	26.87	4.25	4.46	0.75	84	55	72	-1	150	3,195	-30
Nashville	0.56	23.17	4.52	2.35	1.38	88	59	76	5	182	3,700	301
Nolin Lake	3.37	32.51	8.62	9.08	5.13	92	56	73	2	162	3,136	191
Paducah	0.59	22.70	2.82	0.56	-0.27	86	57	75	2	177	3,522	239
Princeton	0.57	26.53	2.88	4.07	-0.65	85	56	71	-2	150	3,156	-122
Quicksand	1.20	24.70	8.63	2.45	5.07	82	53	71	1	144	2,902	120
Somerset	1.38	24.51	4.45	1.37	0.87	86	51	70	0	140	2,816	-153
Spindletop	2.09	25.84	6.62	4.37	3.17	80	58	70	0	141	2,922	-54
Williamstown	2.12	25.30	5.19	4.18	1.89	80	56	70	0	138	2,806	-106

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.