



# Crop Progress and Condition

**USDA, NASS, Kentucky Field Office**

David Knopf, Director  
601 W Broadway, Rm 645  
Louisville, Kentucky 40201-1120  
(502) 907-3250 or 1-800-928-5277  
Email: nassrfoemr@nass.usda.gov

**In Cooperation with:**

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

Released: October 18, 2021

Issue: 33-21

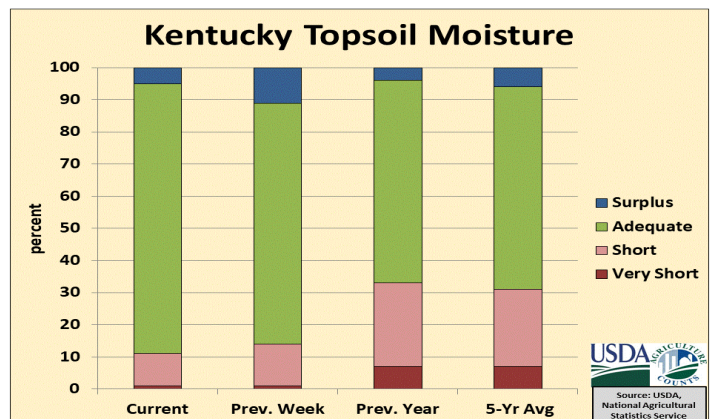
**Agricultural News:** Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.63 inches, 0.09 inches below normal. Temperatures averaged 66 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 10 percent short, 84 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 2 percent very short, 12 percent short, 82 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven.

Primary activities for this week included harvesting corn, and soybeans, stripping tobacco, and seeding winter wheat. Although some spotty rain stymied fieldwork at times during the past week, farmers forged ahead at every opportunity. There are reports of promising grain yields, however the full extent is not yet known. Housed tobacco was reported 92 percent in good condition. Very little tobacco houseburn was reported. The reporting of houseburn was as follows: 1 percent moderate, 5 percent light, and 94 percent with none.

Pasture condition is mostly good thanks to some unseasonably warm temperatures and intermittent rainfall. Winter wheat planting is moving along steadily with 9 percent of the crop emerged.

**SOIL MOISTURE for week ending 10/17/21**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	10	84	5
Subsoil	2	12	82	4

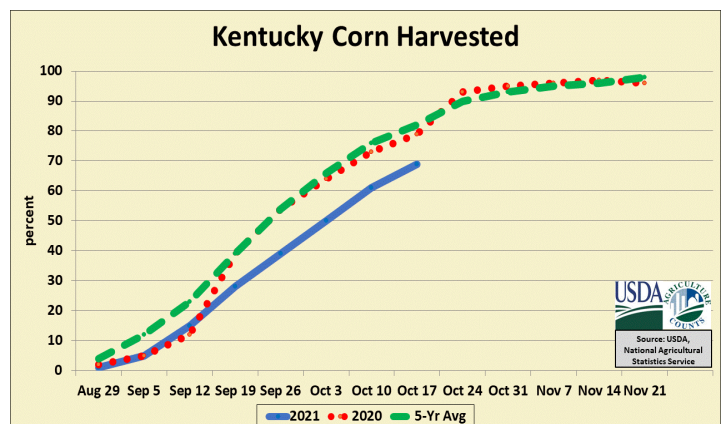
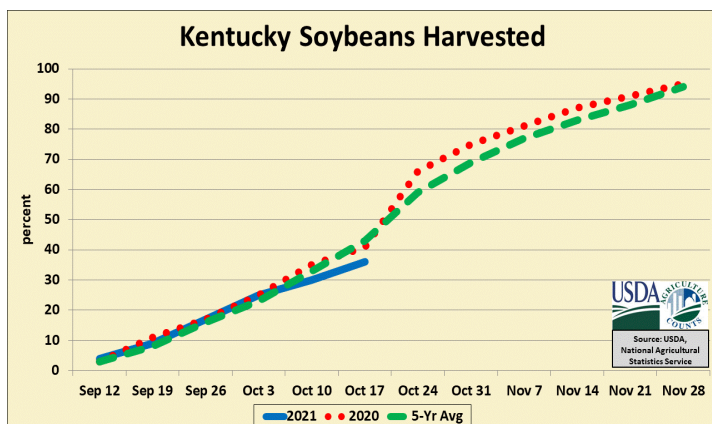


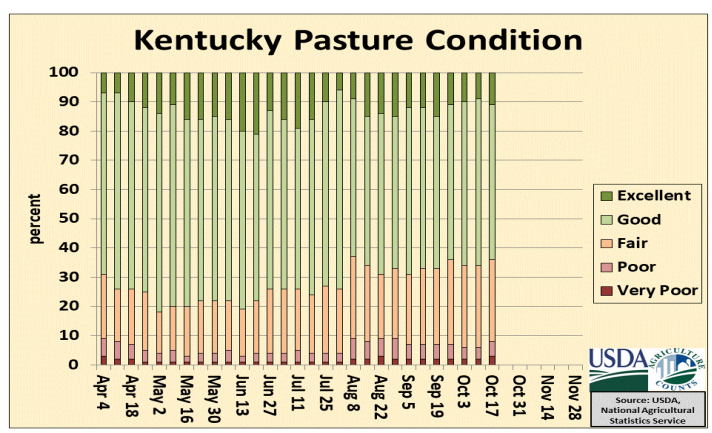
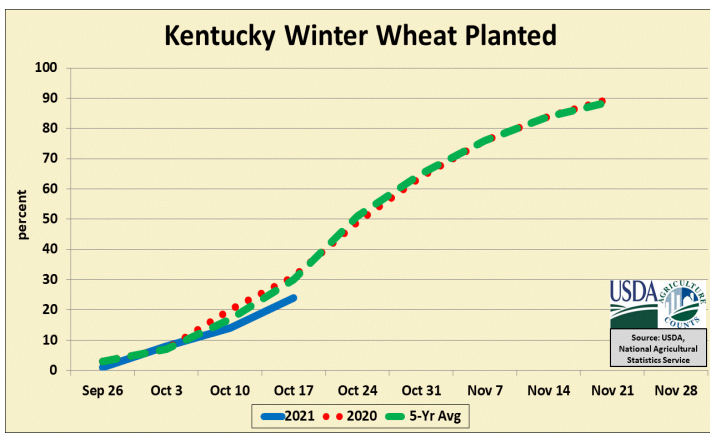
**CROP PROGRESS for week ending 10/17/21**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	69	61	79	82
Soybeans Coloring	95	90	98	95
Soybeans Dropping Leaves	80	71	83	83
Soybeans Harvested	36	30	41	43
Tobacco Cut	96	92	100	97
Tobacco Stripped	24	17	34	27
Winter Wheat Seeded	24	14	31	30
Winter Wheat Emerged	9	1	10	10

**CROP CONDITIONS for week ending 10/17/21**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	5	28	53	11
Soybeans	2	5	19	60	14
Tobacco Housed	1	1	4	92	2





**Kentucky Climate Summary  
For the Period October 11, 2021 to October 17, 2021**

Well Above Normal Temperatures and Below Normal Rainfall:

Much like the first half of October, well above normal temperatures remained in place for the workweek. Highs peaked on Thursday with temperatures in the low to middle 80s across much of the state, which would be about 10 to 15 degrees above normal for this time of year. Showers and storms crossed the western half of Kentucky on Monday night, before dissipating to the east. Following another light round of showers Wednesday, more significant activity arrived on Friday with the passage of a strong cold front. Some storms across Western Kentucky did show capable of producing damaging winds. Overall, outside of some spotty locations, most of the state ended under an inch for the week. Behind the front, much cooler air filtered into the state from the northwest. Highs on Saturday and Sunday were limited to the 60s. Lows on Sunday morning even dipped into the middle 30s to low 40s, prompting the possibility of patchy frost in low lying and sheltered locations.

Temperatures for the period averaged 66 degrees across the state which was 8 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 4 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 57 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 10 degrees warmer than normal in the West to 14 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at CALHOUN 5NWASOS and the extreme low was 34 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.63 inches statewide which was 0.09 inches below normal and 88% of normal. Precipitation totals by climate division, West 0.68 inches, Central 0.62 inches, Bluegrass 0.74 inches and East 0.49 inches, which was -0.06, -0.11, 0.05 and -0.22 inches respectively from normal. By station, precipitation ranged from a low of 0.03 inches at OWENSBORO AWSS to a high of 1.54 inches at BURLINGTON 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 10/17/21 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average	
										High	Low
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.70	33.40	5.97	7.85	3.39	82	46	67	8	97	40
Berea	0.42	30.21	3.93	3.24	0.93	80	39	65	8	100	39
Bowling Green	1.05	29.12	4.27	2.06	1.25	84	42	68	9	97	30
Bristol	0.20	20.10	3.45	-2.81	0.83	83	41	65	8	100	38
Buckhorn Lake	0.66	23.30	2.46	-2.41	-0.43	81	40	66	9	97	33
Cape Girardeau	0.92	24.23	3.22	-1.11	0.27	86	36	68	7	100	34
Campbellsville	0.79	27.40	6.10	-3.00	2.67	82	36	65	6	100	38
Covington	1.34	31.55	5.22	7.64	2.60	80	39	66	9	93	34
Cumberland Gap	0.37	28.08	3.16	0.44	0.22	81	37	65	8	100	38
Dix Dam	0.58	32.94	4.69	6.47	1.87	82	40	66	9	100	36
Evansville	0.99	24.83	2.59	0.88	-0.07	84	40	67	6	100	29
Glasgow	0.80	37.26	5.42	8.17	2.34	82	40	66	7	100	37
Grayson	0.34	24.91	2.02	0.18	-0.63	82	38	65	8	100	38
Hardinsburg	0.19	31.86	5.52	5.02	2.51	83	37	65	6	100	36
Henderson	0.31	20.64	2.46	-4.20	-0.33	85	36	65	4	100	32
Huntington	0.41	33.11	1.70	8.26	-0.95	82	42	67	10	100	38
Jackson	0.36	29.09	2.55	2.31	-0.34	83	42	68	11	96	36
Lexington	1.22	34.49	6.53	8.94	3.95	80	39	65	8	100	36
London	0.42	30.74	3.71	5.88	0.92	80	38	66	9	100	36
Louisville	0.61	27.03	5.86	2.02	3.22	85	46	68	9	100	32
Mayfield	0.32	29.69	2.71	1.99	-0.73	85	35	65	4	100	30
Nashville	0.26	29.43	4.50	4.33	1.81	85	43	70	11	100	30
Nolin Lake	0.66	38.30	4.36	9.61	1.07	87	40	67	8	100	35
Paducah	0.96	27.64	2.47	0.77	-0.53	84	39	68	7	89	25
Princeton	0.18	29.51	2.45	2.60	-0.44	84	36	66	5	100	31
Quicksand	0.48	27.75	2.70	0.97	-0.19	82	40	66	9	86	49
Somerset	0.76	29.27	4.51	1.01	1.25	79	37	64	7	100	37
Spindletop	0.86	31.68	4.56	6.13	1.98	80	42	65	8	100	39
Williamstown	0.79	30.33	4.99	4.91	2.18	80	41	65	8	100	37

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