



# 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

Released: November 22, 2021

Issue: 38-21

**Agricultural News:** Kentucky experienced slightly below normal temperatures and precipitation over the past week. Precipitation for the week totaled 0.95 inches, 0.02 inches below normal. Temperatures averaged 46 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 3 percent short, 82 percent adequate, and 15 percent surplus. **Subsoil moisture** was rated 1 percent very short, 6 percent short, 80 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 4.7 out of a possible seven.

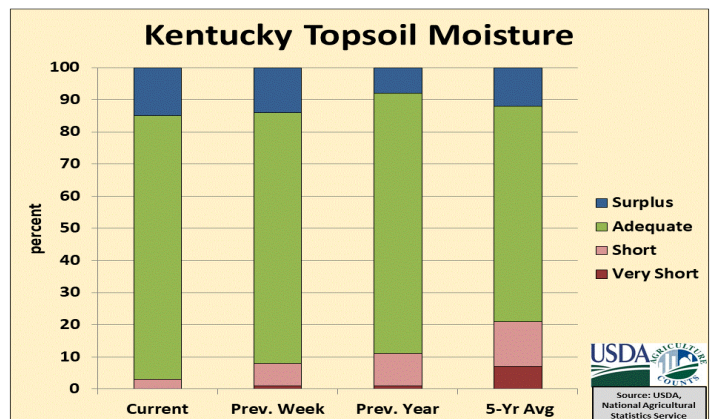
Primary activities for this week included harvesting corn and soybeans, stripping tobacco, and seeding winter wheat. Fieldwork progress was steady to begin the week as the weather was warm and dry. Rain moved in the latter part of the week and temperatures plummeted. The corn crop is mostly harvested and yields will be finalized in the near future. Soybean harvest is just behind last year and the five year average as wet conditions have stymied progress at times. Tobacco stripping is on pace with the five year average as farmers forge ahead.

Pasture condition remains mostly good at this time, however rain and cold temperatures have taken a toll. Strong progress was made with winter wheat planting as previously planted acres continue to emerge. The winter wheat crop is in mostly good condition.

**SOIL MOISTURE for week ending 11/21/21**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	82	15
Subsoil	1	6	80	13

- Represents zero.

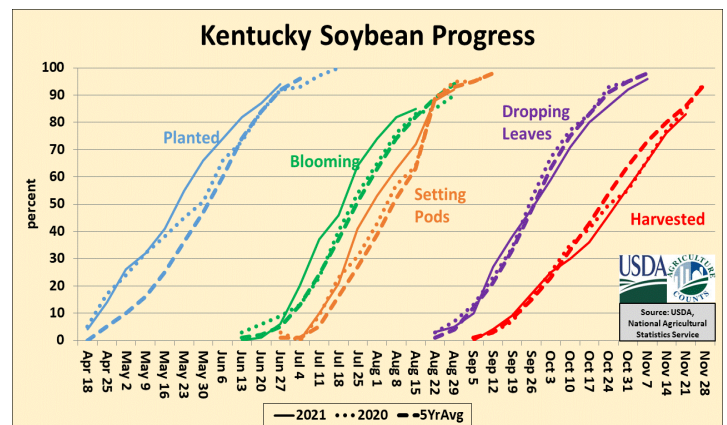
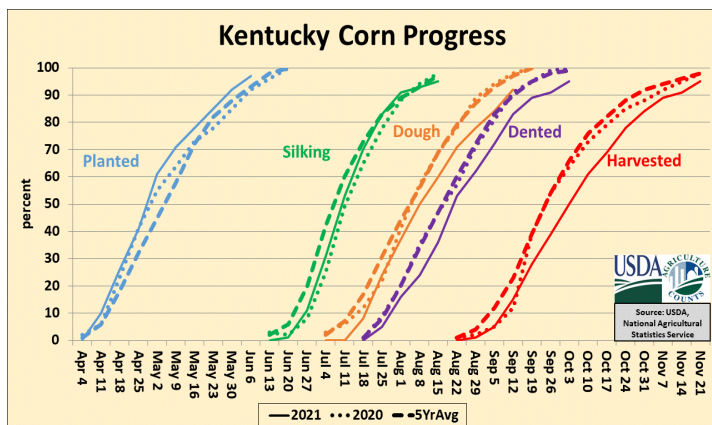


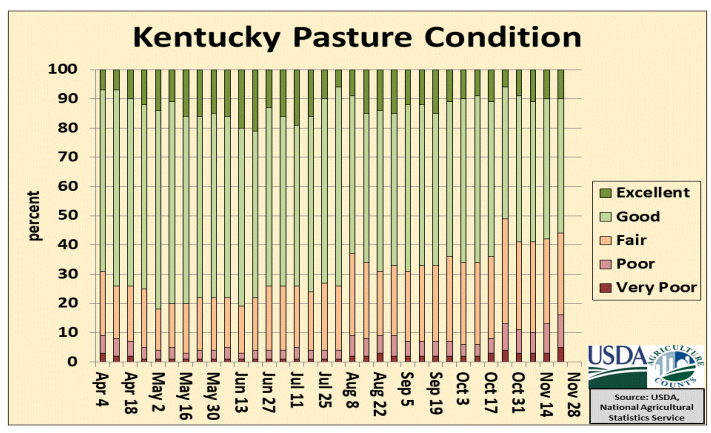
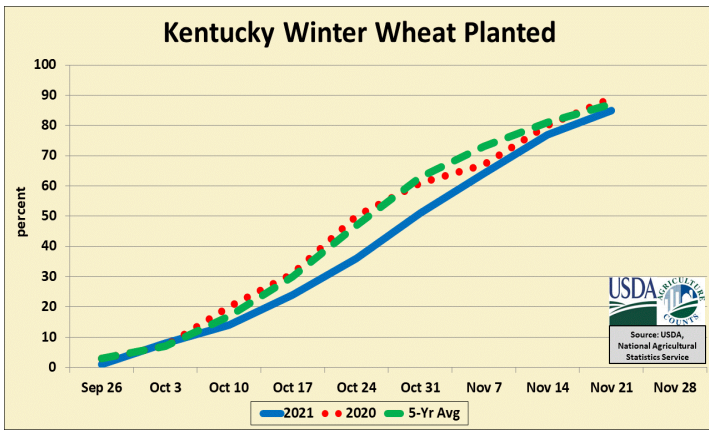
**CROP PROGRESS for week ending 11/21/21**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	95	91	98	97
Soybeans Harvested	83	76	85	86
Tobacco Stripped	63	57	70	64
Winter Wheat Seeded	85	77	89	87
Winter Wheat Emerged	59	52	75	71

**CROP CONDITIONS for week ending 11/21/21**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	5	11	28	46	10
Wheat	1	1	15	64	19





**Kentucky Climate Summary  
For the Period November 15, 2021 to November 21, 2021**

Slightly Below Normal Temperatures and Precipitation:

Temperatures went on the rise over the first half of the workweek, peaking around 70 degrees on Wednesday behind breezy southwesterly winds. Dry conditions persisted, before a cold front pushed through the area Wednesday night and into Thursday, sparking a round of widespread showers. The majority of the state saw between a quarter and half inch. Temperatures struggled behind the boundary with lows Friday morning in the middle 20s and highs on the day struggling in the 40s. We saw those highs jump into the 50s over the weekend, but not without another round of widespread rain on Saturday night and Sunday. Overall, the state averaged 0.95 inches for the week between the two events. Some rain fell after the Sunday data cutoff across Eastern Kentucky and will be reflected on the report next week.

Temperatures for the period averaged 46 degrees across the state which was 1 degree cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 58 in the West to 58 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 38 degrees in the West to 34 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to near normal in the East. The extreme high temperature for the period was 76 degrees at LOUISA 1S and the extreme low was 19 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.95 inches statewide which was 0.02 inches below normal and 98% of normal. Precipitation totals by climate division, West 0.89 inches, Central 1.20 inches, Bluegrass 1.03 inches and East 0.67 inches, which was -0.23, 0.18, 0.19 and -0.22 inches respectively from normal. By station, precipitation totals ranged from a low of 0.23 inches at WHITESBURG 2NW to a high of 1.63 inches at COLUMBIA 3N.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 11/21/21 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	
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	0.71	36.45	3.05	7.37	0.10	68	25	47	1	95	30
Berea	1.34	33.29	3.08	2.38	-0.23	72	24	46	2	100	32
Bowling Green	1.55	32.82	3.66	1.30	-0.12	71	27	49	3	97	29
Bristol	0.12	22.08	1.92	-4.06	-0.72	70	25	43	-1	100	35
Buckhorn Lake	0.37	25.97	2.47	-3.56	-0.71	71	25	46	2	97	31
Cape Girardeau	0.76	27.56	2.97	-1.90	-0.48	68	27	49	1	100	25
Campbellsville	1.58	31.16	3.75	-3.47	0.23	69	23	45	-1	100	29
Covington	0.76	35.39	3.28	7.77	0.21	68	25	44	0	93	38
Cumberland Gap	0.53	31.55	2.82	-0.59	-0.94	71	25	44	0	100	35
Dix Dam	1.47	36.30	3.35	5.98	0.14	69	24	46	2	97	29
Evansville	0.82	28.36	3.39	0.50	0.13	68	23	46	-2	100	34
Glasgow	1.40	41.54	4.22	7.90	0.35	68	25	46	0	100	32
Grayson	0.59	27.51	2.41	-0.78	-0.48	74	22	46	2	100	29
Hardinsburg	0.67	34.29	2.36	3.17	-1.23	70	23	46	0	100	35
Henderson	0.72	23.58	2.82	-5.38	-0.67	70	23	44	-4	100	34
Huntington	0.73	36.16	2.99	7.61	-0.04	74	26	48	4	96	29
Jackson	0.62	31.75	2.66	0.94	-0.71	74	27	48	4	93	27
Lexington	1.19	38.10	3.29	9.02	0.34	69	24	45	1	97	29
London	0.75	33.80	3.03	4.98	-0.30	71	24	45	1	97	26
Louisville	0.73	29.96	2.69	1.14	-0.51	72	29	49	3	97	30
Mayfield	1.24	32.94	3.10	0.18	-1.15	72	23	46	-2	100	28
Nashville	0.48	32.08	2.59	2.92	-0.89	72	30	52	6	100	27
Nolin Lake	1.63	42.43	4.11	9.15	0.24	68	25	46	0	100	29
Paducah	0.63	29.98	2.14	-1.26	-1.56	70	27	49	1	90	23
Princeton	0.96	32.51	2.97	0.98	-0.96	70	23	46	-2	100	29
Quicksand	0.60	30.00	2.25	-0.81	-1.12	74	24	45	1	85	47
Somerseset	1.69	33.56	4.16	0.89	0.49	71	24	45	1	99	28
Spindletop	1.28	35.03	3.29	5.95	0.34	68	24	45	1	100	30
Williamstown	0.85	34.81	3.79	5.55	0.63	68	25	44	0	98	34

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