



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: November 8, 2021

Issue: 36-21

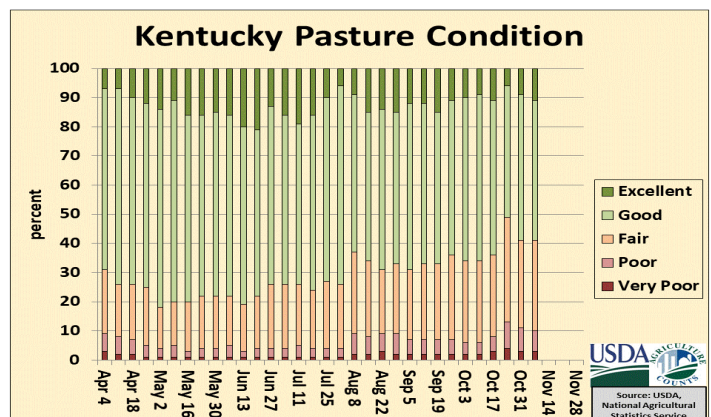
Agricultural News: Kentucky experienced well below normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.07 inches, 0.69 inches below normal. Temperatures averaged 43 degrees for the week, 8 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 5 percent short, 84 percent adequate, and 10 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 84 percent adequate, and 6 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 this week was dry for most of the state, temperatures dropped, leading to frost conditions. There are still areas where the ground remained wet, but overall, harvest made a strong push. Grain yields seem to be varied, however strong soybean yields have slowed harvest in some areas. Housed tobacco was reported 76 percent in good condition, as stripping moves ahead steadily.

Pasture condition remains mostly good, although with cold temperatures and frost, growth has been stunted. At this time, pasture is accounting for 57 percent of livestock feed. There were reports of very late hay being cut, but yields were poor. The quality of harvested hay was rated mostly good overall. Winter wheat planting is pushing ahead as the current crop is in mostly good condition. The wheat crop is steadily emerging.

SOIL MOISTURE for week ending 11/07/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	5	84	10
Subsoil	1	9	84	6



CROP PROGRESS for week ending 11/07/21

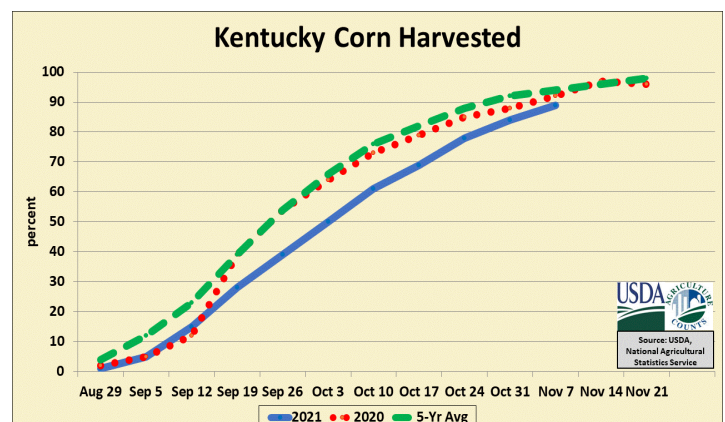
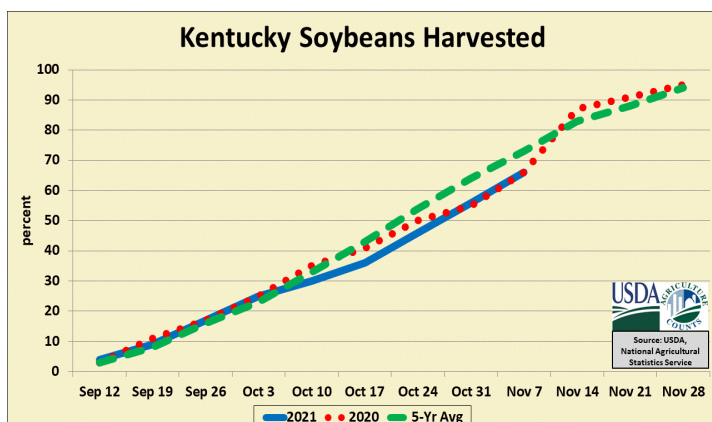
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	89	84	92	94
Soybeans Dropping Leaves	96	92	98	98
Soybeans Harvested	66	56	66	73
Tobacco Stripped	51	41	53	49
Winter Wheat Seeded	64	51	67	73
Winter Wheat Emerged	43	31	48	48

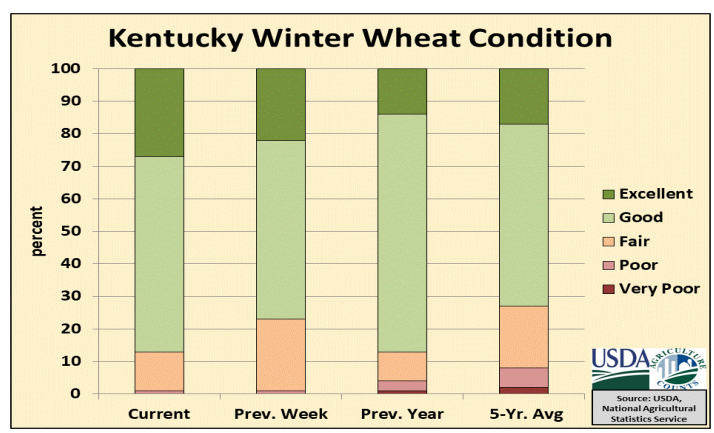
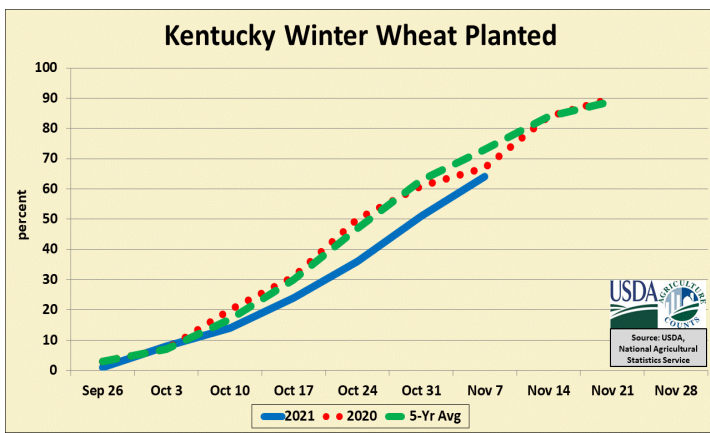
-1 Shown when data not available.

CROP CONDITIONS for week ending 11/07/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay Harvested Quality	1	4	19	66	10
Pasture	3	7	31	48	11
Tobacco Housed	-	1	19	76	4
Wheat	-	1	12	60	27

- Represents zero.





**Kentucky Climate Summary
For the Period November 1, 2021 to November 7, 2021**

Well Below Normal Temperatures and Below Normal Rainfall:

The 2021 growing season officially came to end this period with a chilly week across the area. Kentucky saw multiple nights where lows dropped well below the freezing mark. Temperatures were coolest on Thursday morning when much of the state dipped into the middle to upper 20s. It was a near repeat on Friday and Saturday mornings, before temperatures started to slowly inch upward over the weekend. Looking at rainfall, following a very wet end to October, the first week of November featured mostly dry conditions. The only exception came on Monday night when a weak disturbance produced scattered light showers. Overall, the state only averaged 0.07 inches for the week.

Temperatures for the period averaged 43 degrees across the state which was 8 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 56 in the West to 54 in the East. Departure from normal high temperatures ranged from 8 degrees cooler than normal in the West to 10 degrees cooler than normal in the East. Low temperatures averaged from 32 degrees in the West to 32 degrees in the East. Departure from normal low temperature ranged from 10 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. The extreme high temperature for the period was 67 degrees at PADUCAH ASOS and the extreme low was 21 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.07 inches statewide which was 0.69 inches below normal and 9% of normal. Precipitation totals by climate division, West 0.09 inches, Central 0.06 inches, Bluegrass 0.02 inches and East 0.09 inches, which was 0.76, 0.73, 0.68 and 0.61 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 0.29 inches at MARION 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/07/21 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	0.00	34.83	2.13	7.33	-0.40	64	27	44	-7	96	26
Berea	0.06	31.33	1.54	2.21	-1.25	60	23	41	-8	100	33
Bowling Green	0.07	30.74	2.67	1.29	-0.41	66	28	46	-5	96	31
Bristol	0.03	21.64	1.74	-3.13	-0.70	65	28	46	-3	100	25
Buckhorn Lake	0.20	25.17	2.53	-2.66	-0.23	60	26	42	-7	100	31
Cape Girardeau	0.20	25.57	2.26	-2.04	-0.70	63	26	44	-9	100	28
Campbellsville	0.11	28.86	2.25	-3.90	-0.82	63	26	42	-9	100	29
Covington	0.00	33.61	3.40	7.60	0.66	62	27	43	-6	89	31
Cumberland Gap	0.06	30.56	2.85	0.43	-0.39	63	27	45	-4	100	25
Dix Dam	0.02	34.16	1.80	5.55	-0.99	62	25	42	-7	97	30
Evansville	0.00	27.20	3.36	1.08	0.55	64	28	44	-9	100	32
Glasgow	0.06	39.30	2.84	7.79	-0.26	63	27	43	-8	100	34
Grayson	0.06	26.45	1.88	-0.37	-0.88	62	24	43	-6	100	28
Hardinsburg	0.00	33.10	1.43	3.91	-1.60	64	26	42	-9	100	34
Henderson	0.00	22.49	2.16	-4.56	-0.68	64	25	42	-11	100	36
Huntington	0.05	34.80	2.10	7.82	-0.69	62	27	44	-5	100	26
Jackson	0.14	30.59	1.86	1.59	-1.02	62	29	45	-4	92	22
Lexington	0.01	36.25	2.98	8.75	0.45	61	25	42	-7	97	30
London	0.06	32.40	2.08	5.39	-0.69	63	27	44	-5	100	29
Louisville	0.00	28.66	2.24	1.57	-0.46	66	32	46	-5	92	28
Mayfield	0.03	31.20	1.83	0.73	-1.76	64	26	43	-10	100	33
Nashville	0.00	31.09	1.92	3.85	-0.82	67	31	48	-3	100	31
Nolin Lake	0.00	39.87	2.23	8.70	-0.97	62	28	45	-6	100	33
Paducah	0.15	28.88	2.20	-0.35	-0.84	67	27	45	-8	92	25
Princeton	0.13	31.11	1.78	1.74	-1.37	64	27	44	-9	100	28
Quicksand	0.18	29.00	1.73	0.00	-1.15	62	24	43	-6	87	46
Somerseset	0.06	31.14	2.63	0.42	-0.56	62	25	42	-7	100	30
Spindletop	0.05	33.13	2.31	5.63	-0.22	60	30	43	-6	100	33
Williamstown	0.02	33.04	3.50	5.44	0.65	62	26	42	-7	97	27

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