



# Crop Progress and Condition

**USDA, NASS, Kentucky Field Office**

David Knopf, Director  
PO Box 1120  
Louisville, Kentucky 40201-1120  
(502) 582-5293 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: April 10, 2017

Issue: 06-17

**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.85 inches, 0.14 inches below normal. Temperatures averaged 56 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 6 percent short, 73 percent adequate and 21 percent surplus. **Subsoil moisture** was rated 8 percent short, 77 percent adequate, and 15 percent surplus. Days suitable for fieldwork averaged 3.5 out of a possible seven.

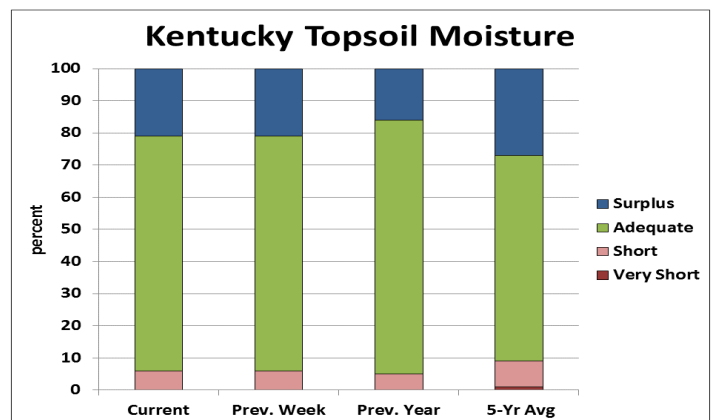
Primary activities this week included seeding tobacco transplants, preparing farm equipment for planting, and applying fertilizer and burndown treatments. Wet and windy weather delayed fieldwork, with limited corn planting this week. A severe storm on Wednesday produced large hail, strong winds, and tornado touchdowns throughout Central Kentucky, damaging fields and structures.

The extent of freeze damage continues to be monitored in alfalfa hay, fruit trees, and winter wheat. The average height of winter wheat was 14 inches.

**SOIL MOISTURE for week ending 04/09/17**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	6	73	21
Subsoil	-	8	77	15

- Represents zero.



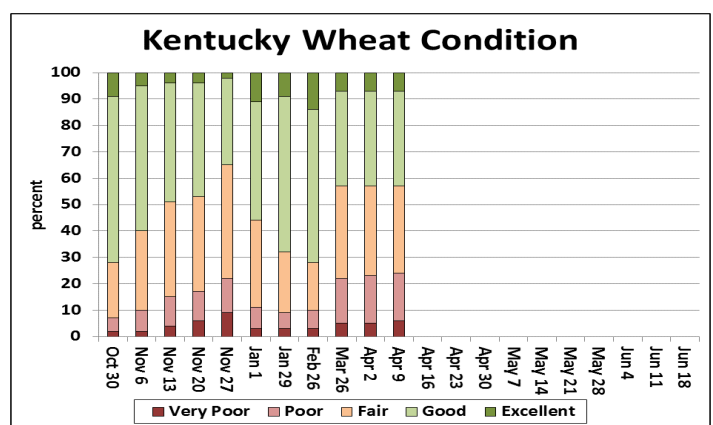
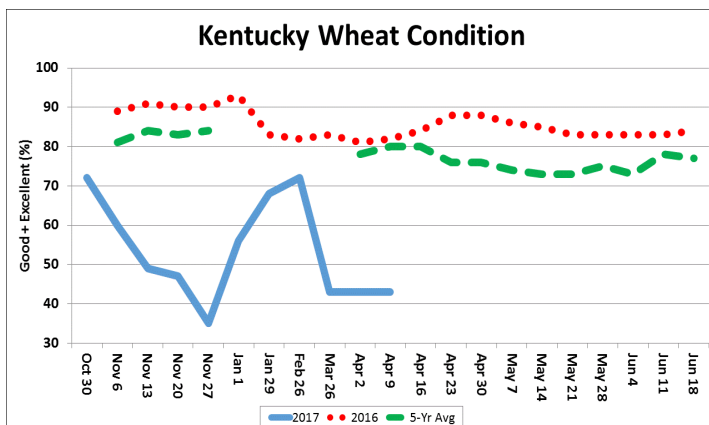
**CROP PROGRESS for week ending 04/09/17**

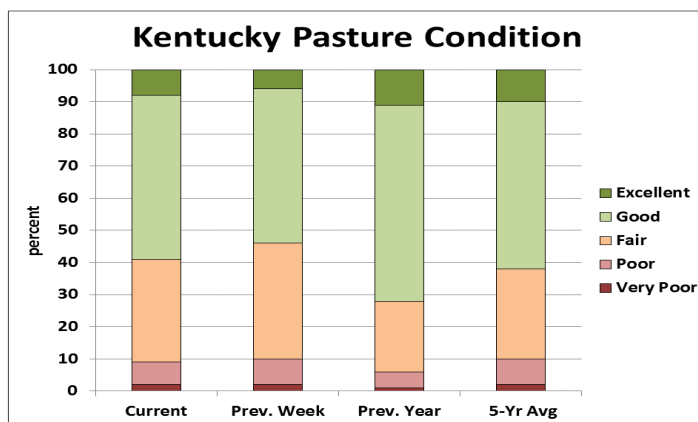
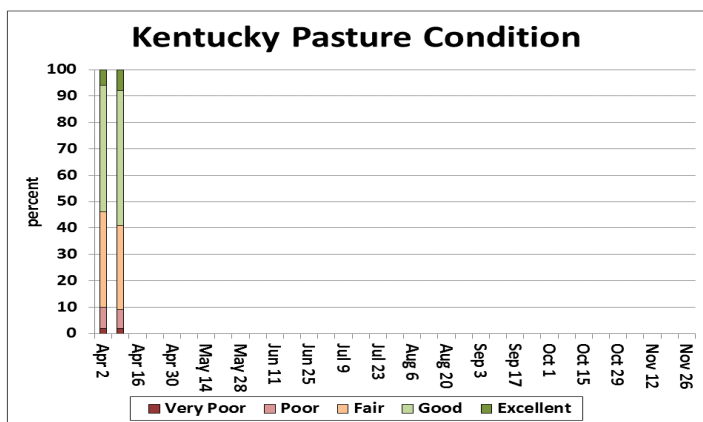
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Apples Blooming	44	-	20	12
Corn Planted	4	-	5	9
Peaches Blooming	45	-	30	15
Tobacco Transplants Seeded	68	45	72	75

- Represents not available.

**CROP CONDITIONS for week ending 04/09/17**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	7	32	51	8
Wheat	6	18	33	36	7





**Kentucky Climate Summary  
For the Period April 3, 2017 to April 9, 2017**

Above Normal Temperatures and Below Normal Rainfall:

The active start to spring continued with a couple rounds of strong to severe storms pushing through the state. The strongest system moved through the area Wednesday afternoon and into the early overnight hours. As low pressure moved north of the state, Kentucky became situated within a very unstable atmosphere. Scattered storms developed in the afternoon hours, some becoming severe, before merging into a line across the eastern half of Kentucky. Large hail, damaging winds, and even a handful of tornadoes were seen across the area. Combined with an unsettled pattern earlier in the week and showery activity on Thursday, the Bluegrass State averaged 0.85 inches, which was slightly below normal for the week. Temperatures continued the above normal trend with highs jumping into the 60s and 70s for most of the period. The one exception came Thursday and Friday when temperatures struggled to rise behind a departing cold front. Lows were coolest on Friday night/Saturday morning with temperatures in the 30s for most and some in the Bluegrass and Eastern Kentucky dropping below freezing.

Temperatures for the period averaged 56 degrees across the state which was 3 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 68 in the West to 65 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to near normal in the East. Low temperatures averaged from 48 degrees in the West to 45 degrees in the East. Departure from normal low temperatures ranged from 5 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 83 degrees at BOONEVILLE 2S and the extreme low was 27 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.85 inches statewide which was 0.14 inches below normal and 86% of normal. Precipitation totals by climate division, West 0.58 inches, Central 0.79 inches, Bluegrass 0.91 inches and East 1.11 inches, which was -0.52, -0.23, 0.01 and 0.18 inches respectively from normal. By station, precipitation totals ranged from a low of 0.25 inches at PADUCAH ASOS to a high of 2.38 inches at OWINGSVILLE 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 04/09/17 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air			
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	0.46	11.42	-0.21	60	49	83	33	56	3
Berea	0.75	10.60	-0.73	--	--	79	30	56	4
Bowling Green	0.89	11.36	-2.99	72	45	83	35	59	6
Bristol	1.07	7.94	-3.42	--	--	74	30	55	3
Buckhorn Lake	0.90	10.29	-2.31	--	--	79	35	57	5
Cape Girardeau	0.25	7.45	-5.13	--	--	79	38	61	6
Campbellsville	0.84	13.46	-0.49	--	--	80	32	57	4
Covington	0.44	12.30	1.66	--	--	78	28	55	3
Cumberland Gap	1.55	13.08	-1.52	--	--	79	29	56	4
Dix Dam	0.72	10.04	-1.95	--	--	79	32	56	4
Evansville	0.27	6.82	-4.88	--	--	80	35	58	3
Glasgow	0.62	10.04	-4.43	68	46	80	34	58	5
Grayson	1.64	12.99	2.74	--	--	81	29	54	2
Hardinsburg	0.58	9.69	-3.57	--	--	82	31	58	5
Henderson	0.39	8.54	-3.62	--	--	79	35	58	3
Huntington	0.75	9.86	-0.33	--	--	82	31	55	3
Jackson	1.36	13.55	1.09	--	--	82	36	57	5
Lexington	0.53	11.92	0.29	63	49	81	34	57	5
London	0.87	11.46	-1.22	--	--	78	32	56	4
Louisville	0.42	10.13	-1.96	--	--	83	37	59	6
Mayfield	0.37	12.44	-2.86	--	--	78	34	59	4
Nashville	0.24	8.28	-5.29	--	--	84	37	61	8
Nolin Lake	1.16	12.64	-0.74	--	--	82	34	61	8
Paducah	0.25	9.47	-4.12	--	--	79	38	61	6
Princeton	0.37	9.42	-5.19	72	48	79	34	58	3
Quicksand	1.33	12.37	-0.09	--	--	82	29	55	3
Somerset	0.94	12.09	-1.30	--	--	80	31	56	4
Spindletop	1.32	15.93	4.30	63	49	79	34	56	4
Williamstown	1.36	11.43	0.18	--	--	78	34	55	3

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.