



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

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Agricultural News: Kentucky experienced well above normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.18 inches, 0.16 inches above normal. Temperatures averaged 58 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 6 percent short, 73 percent adequate, and 21 percent surplus. **Subsoil moisture** was rated 1 percent very short, 8 percent short, 75 percent adequate, and 16 percent surplus. Days suitable for fieldwork averaged 3.3 out of a possible seven.

Primary activities this week included seeding tobacco transplants, applying fertilizer and burndown treatments, and preparing for spring planting as weather conditions allowed. Alfalfa producers remain concerned about crop conditions as a result of Alfalfa Weevil infestations and freeze damage. Several alfalfa fields were sprayed this past week. Alfalfa hay freeze damage was reported as 5 percent severe, 16 percent moderate, 39 percent light, with 40 percent experiencing none.

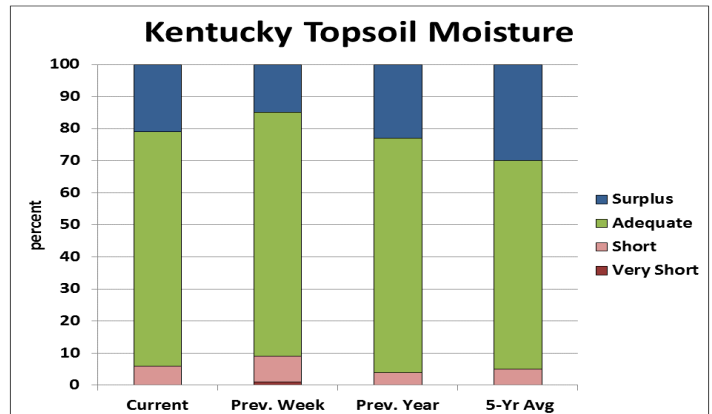
Freeze damage to winter wheat has been variable across the state depending on the crop stage, as the relatively mild winter had accelerated growth. Wheat winter freeze damage was reported as 6 percent severe, 26 percent moderate, 27 percent light, with 41 percent experiencing none.

Livestock operations are preparing for spring calving and monitoring body condition. Cattle and calves obtained approximately 38 percent of feed from pastures.

SOIL MOISTURE for week ending 04/02/17

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	6	73	21
Subsoil	1	8	75	16

- Represents zero.



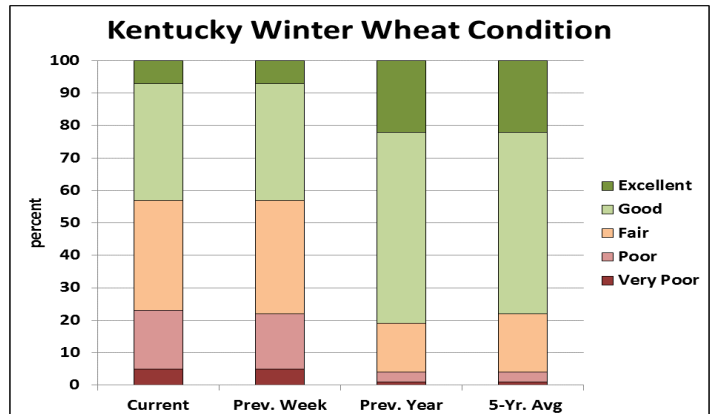
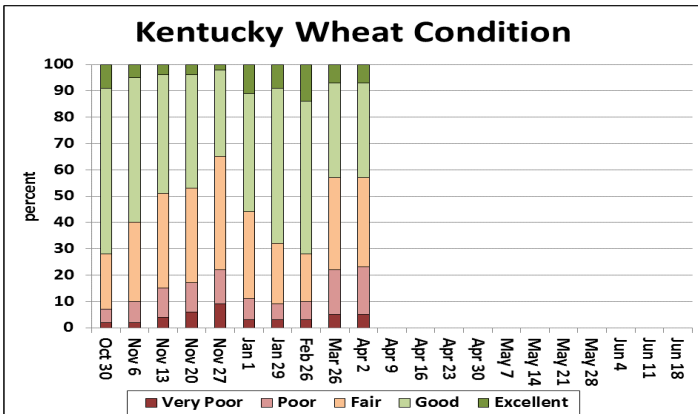
CROP PROGRESS for week ending 04/02/17

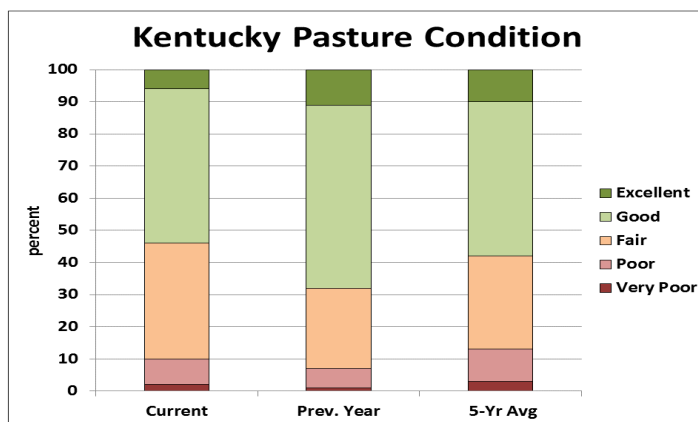
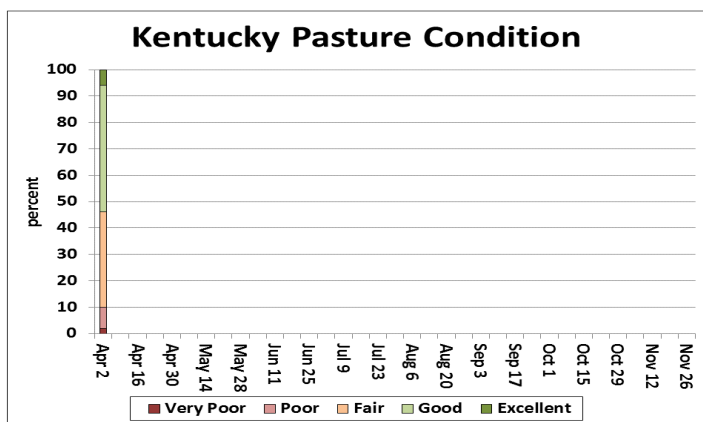
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Tobacco Transplants Seeded	45	-	63	63

- Represents not available.

CROP CONDITIONS for week ending 04/02/17

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	4	18	64	13
Pasture	2	8	36	48	6
Wheat	5	18	34	36	7





**Kentucky Climate Summary
For the Period March 27, 2017 to April 2, 2017**

Well Above Normal Temperatures and Above Normal Rainfall:

The Lower Ohio Valley saw an active spring pattern this past week with multiple rounds of rainfall. Strong to severe storms pushed through the area on a couple occasions, one coming on Monday and the other on Thursday as low pressure tracked just north of the area. Storms fired ahead of a couple cold fronts, resulting in some reports of damaging winds and hail. The second round was followed by a cooler end to the workweek and start of the weekend as cloud cover remained entrenched over the area. Saying that, the rest of the period remained very warm with above normal temperatures in place. Other than Friday and Saturday, most of the state reached into the 60s and 70s each day, even hitting the 80s for some on Thursday. This marked the second straight week of above normal temperatures and 12th out of 14 since the start of 2017.

Temperatures for the period averaged 58 degrees across the state which was 8 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 67 in the West to 68 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 50 degrees in the West to 49 degrees in the East. Departure from normal low temperatures ranged from 9 degrees warmer than normal in the West to 13 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 35 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 1.18 inches statewide which was 0.16 inches above normal and 116% of normal. Precipitation totals by climate division, West 1.06 inches, Central 1.13 inches, Bluegrass 1.45 inches and East 1.08 inches, which was -0.04, 0.06, 0.53 and 0.10 inches respectively from normal. By station, precipitation totals ranged from a low of 0.46 inches at CAPE GIRARDEAU ASOS to a high of 2.98 inches at STANFORD 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/02/17 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)		
Bardstown	0.69	10.96	0.23	63	55	76	39	55	4
Berea	1.39	9.85	-0.48	--	--	80	42	57	8
Bowling Green	1.06	10.47	-2.87	70	47	78	40	60	9
Bristol	0.96	6.87	-3.72	--	--	77	45	59	10
Buckhorn Lake	0.65	9.39	-2.33	--	--	78	43	58	9
Cape Girardeau	0.16	7.20	-4.35	--	--	77	42	59	6
Campbellsville	2.23	12.62	-0.23	--	--	79	43	58	7
Covington	0.79	11.86	2.09	--	--	79	38	54	5
Cumberland Gap	0.78	11.53	-2.12	--	--	81	37	59	10
Dix Dam	1.25	9.32	-1.68	--	--	79	42	57	8
Evansville	0.76	6.55	-4.21	--	--	79	41	56	3
Glasgow	0.67	9.42	-3.99	68	48	76	41	59	8
Grayson	1.29	11.35	1.95	--	--	81	43	57	8
Hardinsburg	1.17	9.11	-3.15	--	--	77	42	58	7
Henderson	0.68	8.15	-3.01	--	--	78	40	58	5
Huntington	1.40	9.11	-0.24	--	--	82	44	58	9
Jackson	1.35	12.19	0.69	--	--	81	43	58	9
Lexington	1.45	11.39	0.66	60	51	81	42	57	8
London	1.04	10.59	-1.17	--	--	79	42	59	10
Louisville	0.70	9.71	-1.39	--	--	80	45	60	9
Mayfield	1.00	12.07	-2.05	--	--	79	42	60	7
Nashville	0.15	8.04	-4.51	--	--	82	43	62	11
Nolin Lake	0.63	11.48	-0.84	--	--	78	40	60	9
Paducah	0.64	9.22	-3.20	--	--	77	42	59	6
Princeton	1.20	9.05	-4.44	66	49	76	42	58	5
Quicksand	1.41	11.04	-0.46	--	--	82	45	59	10
Somerseset	0.98	11.15	-1.23	--	--	81	42	58	9
Spindletop	1.37	14.61	3.88	60	51	80	43	57	8
Williamstown	1.52	10.07	-0.22	--	--	77	41	55	6

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