



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 17, 2017

Issue: 07-17

Agricultural News: Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.67 inches, 0.34 inches below normal. Temperatures averaged 66 degrees for the week, 11 degrees above normal. **Topsoil moisture** was rated 7 percent short, 77 percent adequate and 16 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 81 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven.

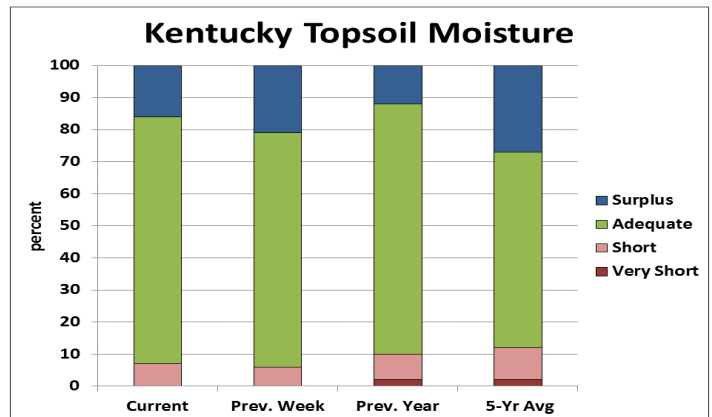
Primary activities this week included planting corn, applying fertilizer and burndown applications, and seeding tobacco transplants. Fifty-one percent of tobacco transplants were under 2 inches, with 39 percent between 2-4 inches, and 10 percent over 4 inches. Varied rainfall across the state slowed fieldwork and corn planting progress at times during the week.

Some winter wheat fields appear to be recovering from freeze damage, but crop conditions and disease pressures continue to be monitored. The average height of winter wheat was 21 inches. Wheat winter freeze damage was reported as 11 percent severe, 26 percent moderate, 27 percent light, with 36 percent experiencing none. Alfalfa hay average height was 8 inches. Alfalfa hay freeze damage was reported as 6 percent severe, 16 percent moderate, 32 percent light, with 46 percent experiencing none. Alfalfa weevil activity and damage continues to be reported.

SOIL MOISTURE for week ending 04/16/17

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	7	77	16
Subsoil	1	9	81	9

- Represents zero.



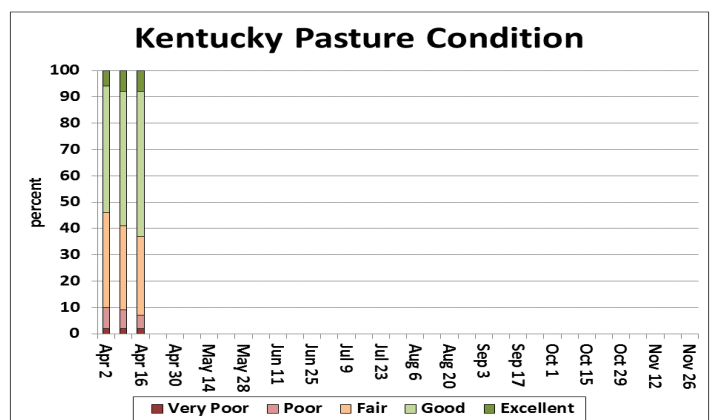
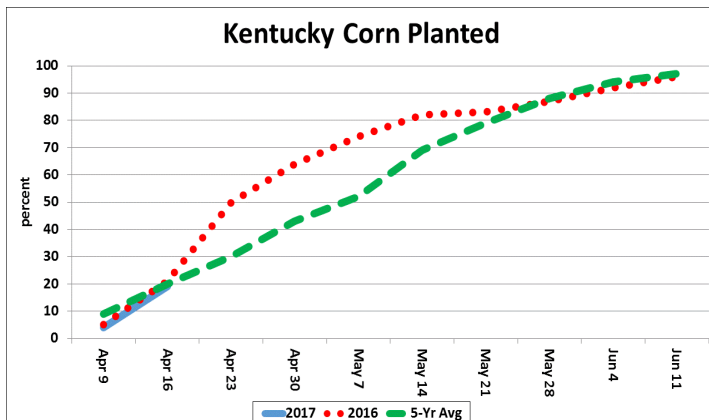
CROP PROGRESS for week ending 04/16/17

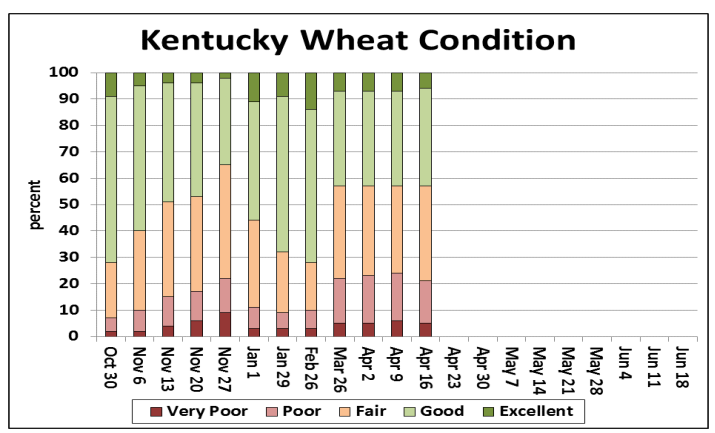
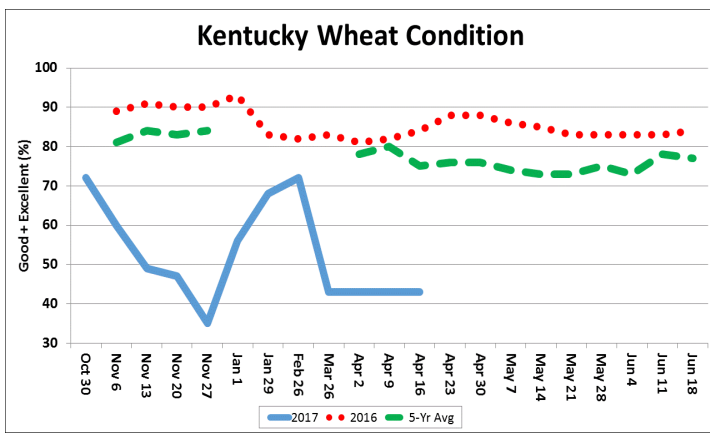
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	19	4	21	20
Tobacco Transplants Seeded	81	68	81	84
Winter Wheat Headed	20	-	-	15

- Represents not available.

CROP CONDITIONS for week ending 04/16/17

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	5	30	55	8
Tobacco Transplants	1	1	11	77	10
Wheat	5	16	36	37	6





**Kentucky Climate Summary
For the Period April 10, 2017 to April 16, 2017**

Well Above Normal Temperatures and Below Normal Rainfall:

Above normal temperatures remained in place throughout the period, peaking Friday and Saturday with highs in the low to middle 80s for much of Kentucky. This pushed Kentucky to a fourth straight week of above normal temperatures. Gusty winds from the southwest and low relative humidity led to an elevated fire danger on Monday, but was followed by a frontal passage the next day. This boundary sparked isolated to scattered showers with most staying under a half inch. Conditions then remained dry through Saturday, before showers returned for the second half of the weekend. Storms fired within an unstable atmosphere ahead of a cold front. While the severe threat was low, storms were capable of producing heavy rainfall.

Temperatures for the period averaged 66 degrees across the state which was 11 degrees warmer than normal and 12 degrees warmer than the previous period. High temperatures averaged from 77 in the West to 78 in the East. Departure from normal high temperatures ranged from 8 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. Low temperatures averaged from 57 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 12 degrees warmer than normal in the West to 13 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at PEABODY and the extreme low was 33 degrees at MIDDLESBORO AWOS.

Precipitation (liq. equ.) for the period totaled 0.67 inches statewide which was 0.34 inches below normal and 66% of normal. Precipitation totals by climate division, West 0.54 inches, Central 0.84 inches, Bluegrass 0.80 inches and East 0.49 inches, which was 0.61, 0.2, 0.12 and 0.46 inches below normal. By station, precipitation totals ranged from a low of 0.10 inches at JACKSON to a high of 2.45 inches at CARROLLTON 2E.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/16/17 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	0.51	11.93	-0.61	62	55	83	47	67	11
Berea	0.40	11.00	-1.32	--	--	81	41	65	11
Bowling Green	0.73	12.09	-3.26	78	53	86	44	68	12
Bristol	0.02	7.96	-4.17	--	--	81	43	65	11
Buckhorn Lake	1.14	11.43	-2.04	--	--	83	46	67	13
Cape Girardeau	1.07	8.52	-5.09	--	--	84	42	67	9
Campbellsville	1.19	14.65	-0.41	--	--	83	46	67	11
Covington	1.17	13.47	1.95	--	--	81	45	66	12
Cumberland Gap	1.31	14.39	-1.17	--	--	84	40	66	12
Dix Dam	0.40	10.44	-2.53	--	--	82	46	66	12
Evansville	1.59	8.41	-4.22	--	--	85	45	68	10
Glasgow	0.71	10.75	-4.79	73	54	83	47	67	11
Grayson	1.17	14.16	3.06	--	--	82	42	63	9
Hardinsburg	0.58	10.27	-4.00	--	--	86	46	68	12
Henderson	0.23	8.77	-4.38	--	--	86	46	67	9
Huntington	0.33	10.19	-0.84	--	--	85	45	66	12
Jackson	0.10	13.65	0.23	--	--	85	52	70	16
Lexington	0.35	12.27	-0.27	66	56	83	48	67	13
London	0.25	11.71	-1.88	--	--	85	44	67	13
Louisville	1.45	11.58	-1.50	--	--	87	50	70	14
Mayfield	0.18	12.62	-3.85	--	--	83	47	66	8
Nashville	0.34	8.62	-5.97	--	--	86	48	69	13
Nolin Lake	0.37	13.01	-1.43	--	--	87	49	70	14
Paducah	1.07	10.54	-4.22	--	--	85	42	68	10
Princeton	1.03	10.45	-5.28	75	54	83	45	66	8
Quicksand	0.14	12.51	-0.91	--	--	86	41	66	12
Somerset	0.36	12.45	-1.96	--	--	83	42	66	12
Spindletop	1.64	17.57	5.03	66	56	84	47	67	13
Williamstown	0.72	12.15	-0.07	--	--	81	48	65	11

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