



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: May 30, 2017

Issue: 13-17

Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.88 inches, 0.77 inches above normal. Temperatures averaged 66 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 2 percent short, 73 percent adequate and 25 percent surplus. **Subsoil moisture** was rated 2 percent short, 80 percent adequate, and 18 percent surplus. Days suitable for fieldwork averaged 3.8 out of a possible seven.

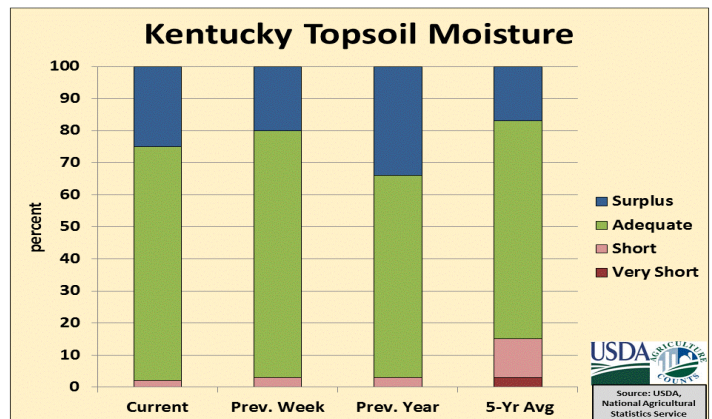
Storms and heavy rain led to delays in fieldwork this week and caused damage, with some reports of lodging in wheat. When weather conditions permitted, primary activities included planting corn and soybeans, and transplanting tobacco. Continued wet conditions have producers concerned for controlling weeds and pests. The average height of emerged corn was 9 inches.

During dry stretches producers were able to cut hay. Hay and roughage supplies were reported as 2 percent very short, 9 percent short, 78 percent adequate, and 11 percent surplus. Spring breeding of cattle is also underway.

SOIL MOISTURE for week ending 05/28/17

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	2	73	25
Subsoil	-	2	80	18

- Represents zero.



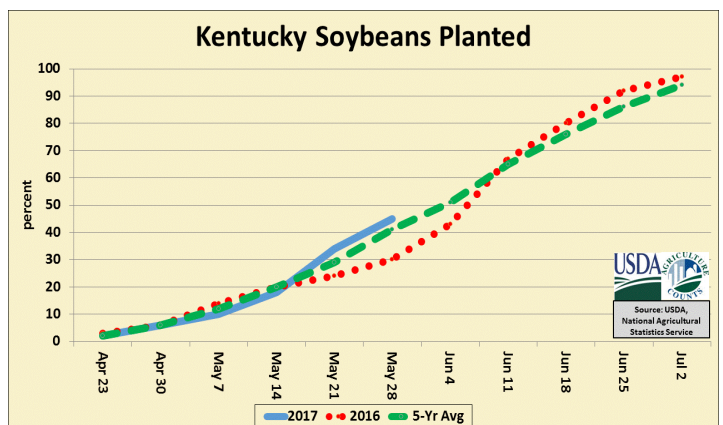
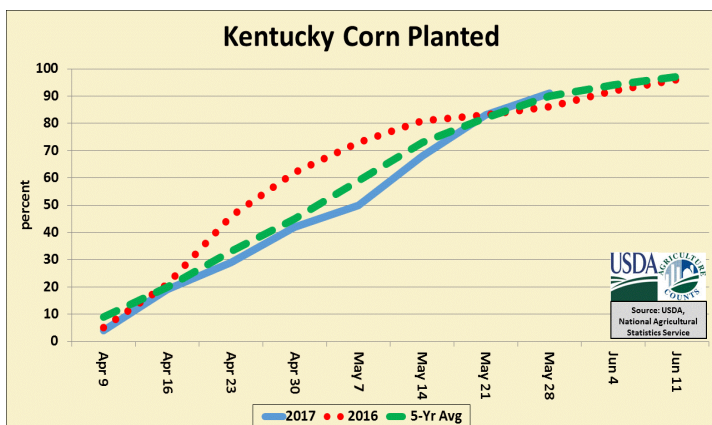
CROP PROGRESS for week ending 05/28/17

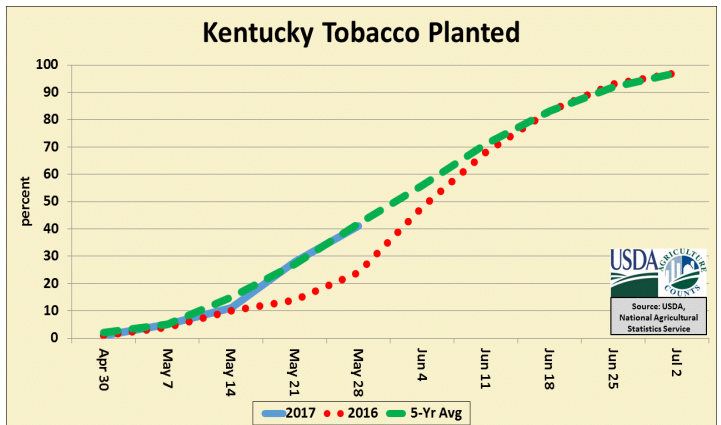
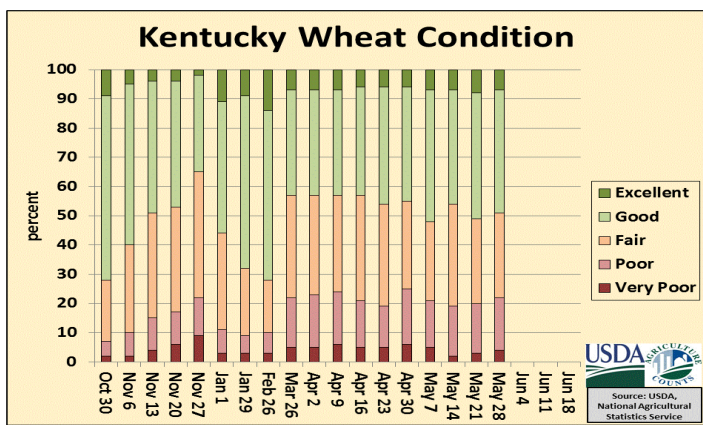
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	91	83	86	90
Corn Emerged	74	60	76	75
Soybeans Planted	45	34	30	41
Soybeans Emerged	26	13	19	25
Tobacco Set	41	28	24	42
Winter Wheat Coloring	83	-	-	-

- Represents not available.

CROP CONDITIONS for week ending 05/28/17

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	12	73	12
Hay	1	4	24	59	12
Livestock	1	3	14	68	14
Pasture	1	2	18	64	15
Wheat	4	18	29	42	7





**Kentucky Climate Summary
For the Period May 22, 2017 to May 28, 2017**

Below Normal Temperatures and Above Normal Rainfall:

An active pattern once again led to multiple rounds of showers and storms throughout the week. The state averaged 1.88 inches, which was about three quarters of an inch above normal. This added to an already wet May, where Central/Eastern Kentucky and the Bluegrass have all averaged over 6 inches. Showers and storms were most widespread both Wednesday and Saturday with a couple passing low-pressure systems. With a very moist air mass in place, storms were very efficient rainfall producers, leading to flash flooding at times. The very unstable air mass on Saturday also produced numerous strong to severe storms with some producing damaging winds and large hail. With the active pattern in place, cloud cover and precipitation kept temperatures on the low side for most of the week leading to the second week in May with below normal temperatures.

Temperatures for the period averaged 66 degrees across the state which was 1 degree cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 76 in the West to 72 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 58 degrees in the West to 58 degrees in the East. Departure from normal low temperatures ranged from near normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at EVANSVILLE ASOS and the extreme low was 46 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 1.88 inches statewide which was 0.77 inches above normal and 169% of normal. Precipitation totals by climate division, West 1.56 inches, Central 1.90 inches, Bluegrass 1.80 inches and East 2.25 inches, which was 0.46, 0.74, 0.73 and 1.13 inches above normal. By station, precipitation totals ranged from a low of 0.53 inches at CAPE GIRARDEAU ASOS to a high of 4.58 inches at SOMERSET.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/28/17 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	0.97	18.40	0.01	71	63	82	50	66	-3
Berea	2.12	18.81	0.16	--	--	83	51	65	-3
Bowling Green	0.94	20.36	-1.47	76	64	85	55	69	0
Bristol	2.04	12.97	-4.22	--	--	80	52	67	-1
Buckhorn Lake	1.95	21.02	2.09	--	--	80	52	64	-4
Cape Girardeau	0.46	24.07	3.70	--	--	87	51	69	-2
Campbellsville	3.13	24.40	2.44	--	--	80	50	65	-4
Covington	1.62	22.97	5.83	--	--	84	47	64	-4
Cumberland Gap	2.60	24.36	2.56	--	--	82	49	66	-2
Dix Dam	1.72	16.22	-3.00	--	--	82	51	65	-3
Evansville	0.86	20.51	1.71	--	--	88	51	68	-3
Glasgow	0.88	17.94	-4.29	78	61	83	54	67	-2
Grayson	1.54	21.11	4.47	--	--	81	51	64	-4
Hardinsburg	1.54	17.55	-3.13	--	--	85	50	65	-4
Henderson	1.18	16.53	-2.72	--	--	86	53	67	-4
Huntington	1.38	16.26	-0.30	--	--	83	53	67	-1
Jackson	2.70	23.78	4.40	--	--	82	53	64	-4
Lexington	1.36	18.81	0.42	76	62	82	52	66	-2
London	2.42	23.44	4.17	--	--	81	50	65	-3
Louisville	0.79	18.92	-0.30	--	--	87	55	68	-1
Mayfield	2.87	21.69	-1.67	--	--	85	52	67	-4
Nashville	0.61	12.35	-8.69	--	--	88	54	69	0
Nolin Lake	1.93	22.82	1.32	--	--	88	53	70	1
Paducah	1.38	22.34	0.78	--	--	87	52	68	-3
Princeton	1.65	17.57	-4.88	84	61	85	51	67	-4
Quicksand	2.02	20.99	1.61	--	--	83	53	66	-2
Somersset	3.99	23.19	2.17	--	--	81	48	64	-4
Spindletop	1.57	26.46	8.07	76	62	83	52	66	-2
Williamstown	2.58	23.22	5.08	--	--	81	48	64	-4

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