



Crop Progress and Condition

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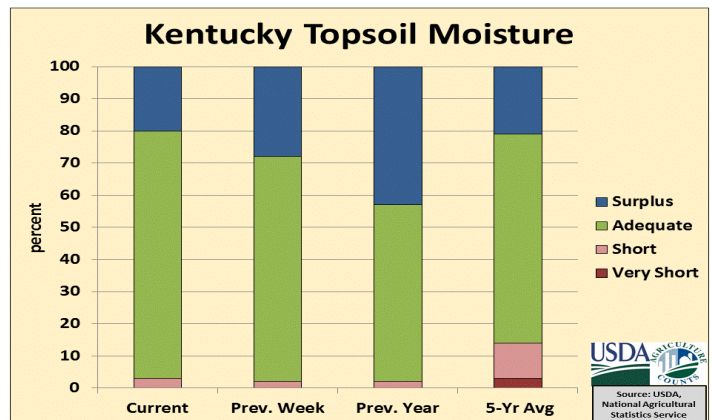
Agricultural News: Kentucky experienced well above normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.31 inches, 0.18 inches above normal. Temperatures averaged 74 degrees for the week, 9 degrees above normal. **Topsoil moisture** was rated 3 percent short, 77 percent adequate and 20 percent surplus. **Subsoil moisture** was rated 3 percent short, 82 percent adequate, and 15 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible seven.

Farmers were able to make some progress in the fields thanks to several days of warm temperatures and dry weather early in the week. The dry weather gave way to heavy rain towards the end of the week. Primary activities for the week included planting of corn, soybeans, and tobacco along with hay cutting. Producers expect good hay yields in most areas, however there were reports of low yields for first cuttings as well.

SOIL MOISTURE for week ending 05/21/17

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	77	20
Subsoil	-	3	82	15

- Represents zero.

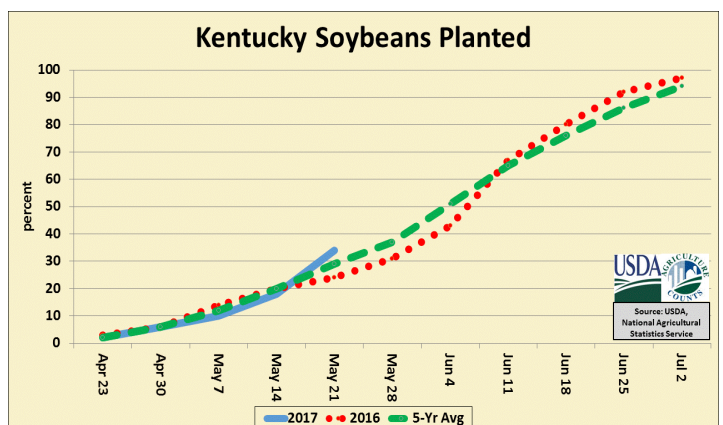
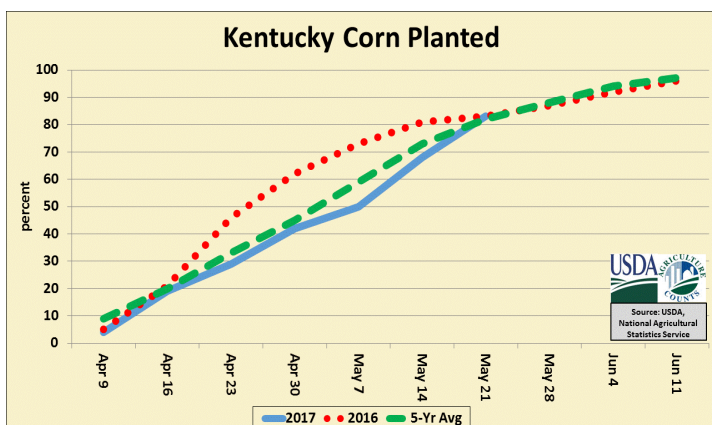


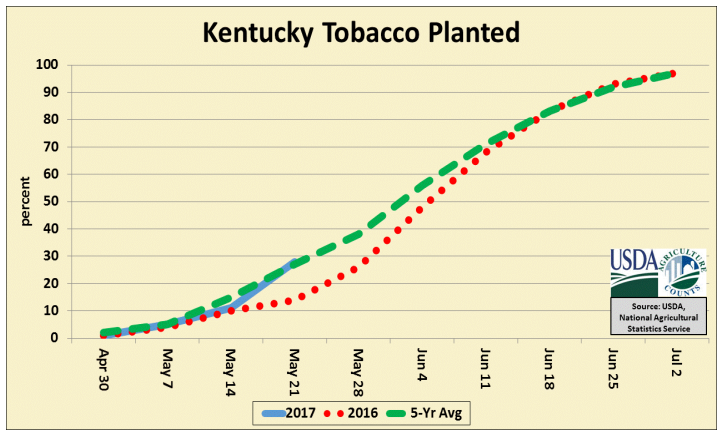
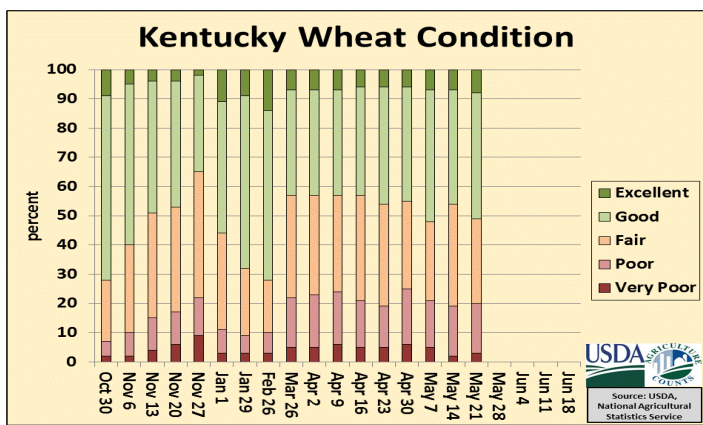
CROP PROGRESS for week ending 05/21/17

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	83	68	83	82
Corn Emerged	60	45	70	64
Soybeans Planted	34	18	24	29
Soybeans Emerged	13	6	11	14
Tobacco Set	28	11	14	27

CROP CONDITIONS for week ending 05/21/17

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	16	67	14
Pasture	1	2	17	69	11
Strawberries	1	5	31	56	7
Wheat	3	17	29	43	8





**Kentucky Climate Summary
For the Period May 15, 2017 to May 21, 2017**

Well Above Normal Temperatures and Above Normal Rainfall:

While it was the middle of May, it felt more like summer for much of the week as warm and muggy conditions returned to the Bluegrass State. Until the last day of the period, each day saw highs rise into the 80s for much of the area. Normal temperatures for this time of the year are in the middle to upper 70s. Depending on location, the period started with 3 to 4 days of mostly clear and dry conditions, but showers and storms returned for the latter half of the week. Starting Wednesday night, several rounds of scattered storms pushed across Kentucky through Sunday. Just like previous weeks, storms were capable of very heavy rain from time to time, along with intense lightning. Even with a few days of dry weather, most of the state still averaged over an inch for the week.

Temperatures for the period averaged 74 degrees across the state which was 9 degrees warmer than normal and 10 degrees warmer than the previous period. High temperatures averaged from 84 in the West to 83 in the East. Departure from normal high temperatures ranged from 6 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. Low temperatures averaged from 66 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 10 degrees warmer than normal in the West to 12 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at BURKESVILLE 3W and the extreme low was 50 degrees at BARBOURVILLE 3E.

Precipitation (liq. equ.) for the period totaled 1.31 inches statewide which was 0.18 inches above normal and 115% of normal. Precipitation totals by climate division, West 0.72 inches, Central 1.79 inches, Bluegrass 1.29 inches and East 1.45 inches, which was -0.43, 0.60, 0.21 and 0.33 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at PADUCAH ASOS to a high of 5.99 inches at SCOTTSVILLE 2W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/21/17 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	1.02	17.43	0.05	73	64	87	56	74	7
Berea	0.93	16.69	-0.88	--	--	86	53	72	6
Bowling Green	2.65	19.42	-1.30	79	68	88	56	75	8
Bristol	1.24	10.93	-5.38	--	--	89	51	71	5
Buckhorn Lake	2.93	19.07	1.07	--	--	86	58	72	6
Cape Girardeau	1.48	23.61	4.41	--	--	87	56	75	6
Campbellsville	1.88	21.27	0.48	--	--	87	52	73	6
Covington	1.16	21.35	5.18	--	--	84	56	72	6
Cumberland Gap	0.40	21.76	1.04	--	--	87	50	72	6
Dix Dam	0.37	14.50	-3.65	--	--	86	56	74	8
Evansville	0.41	19.65	1.92	--	--	92	57	76	7
Glasgow	1.15	17.06	-4.03	80	65	87	55	74	7
Grayson	1.69	19.57	3.89	--	--	86	53	72	6
Hardinsburg	0.53	16.01	-3.57	--	--	86	52	74	7
Henderson	0.35	15.35	-2.87	--	--	89	57	76	7
Huntington	1.78	14.88	-0.72	--	--	88	53	72	6
Jackson	2.10	21.08	2.72	--	--	87	59	73	7
Lexington	1.04	17.45	0.07	77	67	88	58	75	9
London	0.70	21.02	2.71	--	--	87	53	73	7
Louisville	1.25	18.13	-0.05	--	--	89	60	77	10
Mayfield	0.26	18.82	-3.40	--	--	86	55	74	5
Nashville	0.02	11.74	-8.20	--	--	91	57	76	9
Nolin Lake	2.27	20.89	0.63	--	--	91	55	77	10
Paducah	0.02	20.96	0.51	--	--	87	56	76	7
Princeton	0.34	15.92	-5.41	86	64	86	54	74	5
Quicksand	1.39	18.97	0.61	--	--	88	52	71	5
Somerset	1.04	19.20	-0.67	--	--	86	51	72	6
Spindletop	1.55	24.89	7.51	77	67	88	61	75	9
Williamstown	2.31	20.64	3.49	--	--	83	57	73	7

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