



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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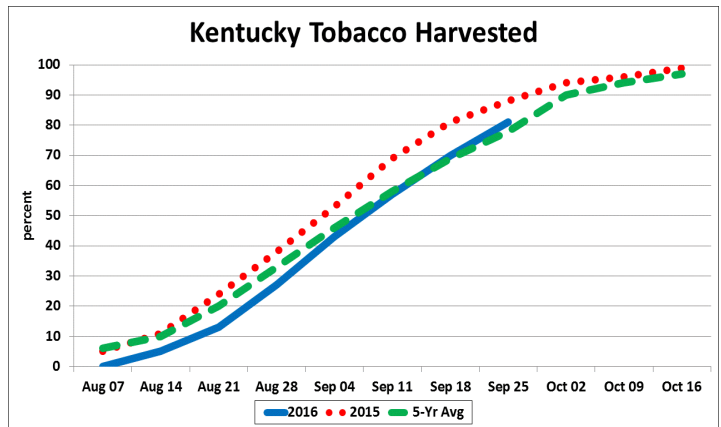
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Agricultural News: Kentucky experienced well above normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.01 inches, 0.83 inches below normal. Temperatures averaged 74 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 4 percent very short, 22 percent short, 68 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 2 percent very short, 20 percent short, 72 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 6.6 out of a possible seven.

Primary activities this week included harvesting corn, soybeans, hay, and tobacco. Most of the state remains dry, with few areas receiving any rainfall over the past week. Corn yield reports range from below average to good, with some grain quality problems due to the excessive wet weather during the growing season. Producers reported early soybean yields as average or above-average. Dry conditions continue to decrease pasture and hay growth, and have started to impact fall seeding. Tobacco houseburn was reported as 1 percent severe, 10 percent moderate, and 18 percent light, with 71 percent experiencing none.

SOIL MOISTURE for week ending 09/25/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	4	22	68	6
Subsoil	2	20	72	6



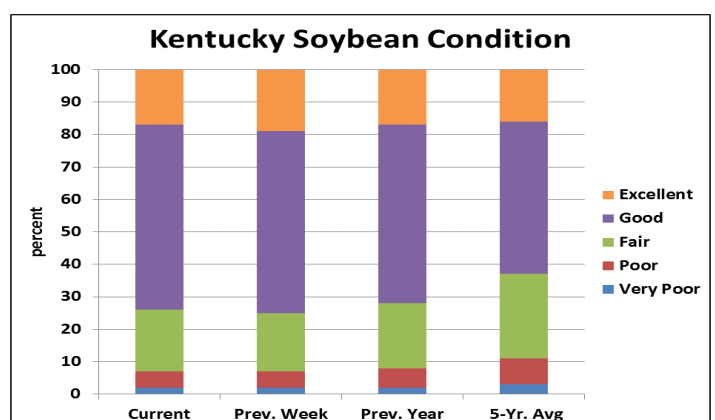
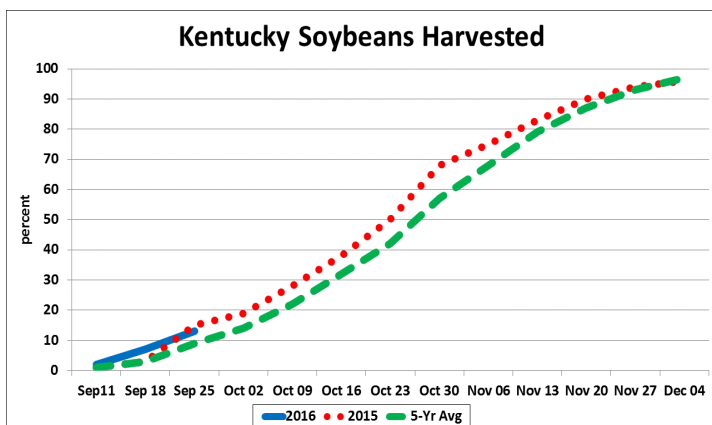
CROP PROGRESS for week ending 09/25/16

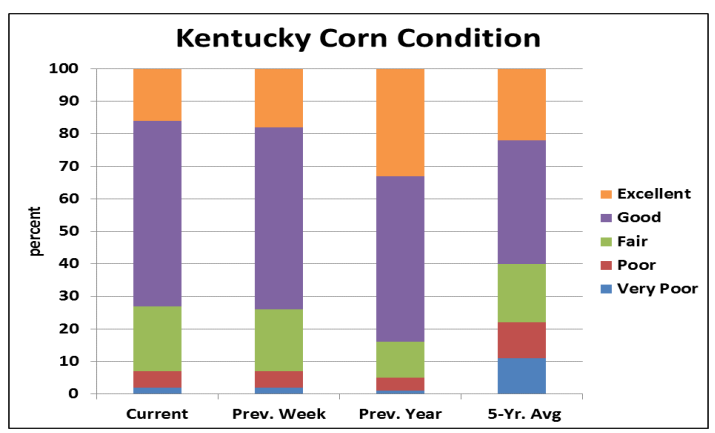
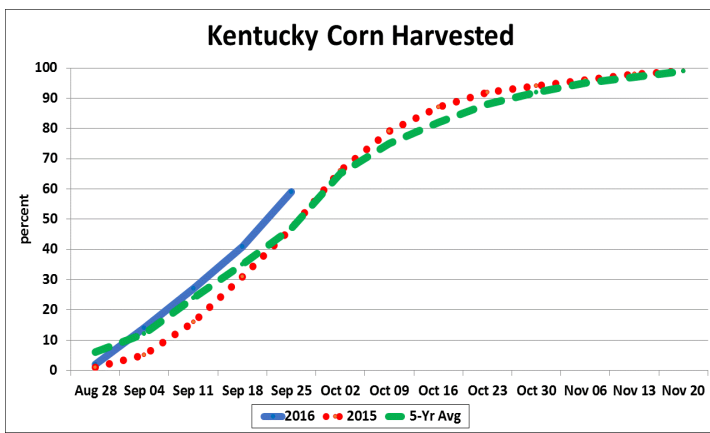
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	96	94	98	97
Corn Mature	89	83	89	87
Corn Harvested	59	41	47	47
Soybeans Coloring	67	51	80	-
Soybeans Dropping Leaves	42	24	52	49
Soybeans Harvested	13	7	15	9
Tobacco Cut	81	70	88	78
Winter Wheat Seeded	2	-	2	3

-Represents zero or not available.

CROP CONDITIONS for week ending 09/25/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	20	57	16
Hay	1	6	29	53	11
Pasture	3	9	28	52	8
Soybeans	2	5	19	57	17
Tobacco, Housed	2	9	27	55	7





**Kentucky Climate Summary
For the Period September 19, 2016 to September 25, 2016**

Well Above Normal Temperatures and Much Below Normal Rainfall:

Fall officially began this past Thursday, but temperatures for the period felt more like the middle of summer. High pressure at the surface and aloft led to an extended period of hot and dry conditions. Under mostly clear skies for much of the week, high temperatures consistently ran above normal, rising into the middle 80s to lower 90s. Normal highs for this time of year are in the middle 70s to around 80. For the week, much of the state also didn't see any precipitation. Kentucky has now seen below normal rainfall four of the past five weeks. Over the past 30 days, data at the Ag Weather Center shows that Kentucky is 1.52 inches below normal.

Temperatures for the period averaged 74 degrees across the state which was 8 degrees warmer than normal and no change to the previous period. High temperatures averaged from 89 in the West to 86 in the East. Departure from normal high temperatures ranged from 9 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at EVANSVILLE ASOS and the extreme low was 53 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.01 inches statewide which was 0.83 inches below normal and 1% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.01 inches, Bluegrass 0.00 inches and East 0.01 inches, which was 0.86, 0.92, 0.76 and 0.82 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 0.17 inches at ALBANY 1N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/25/16 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.00	29.21	1.92	5.60	-1.13	92	58	75	9	97	31
Berea	0.00	26.65	0.36	1.89	-3.36	88	55	73	8	88	38
Bowling Green	0.00	26.86	0.91	2.08	-2.53	92	60	76	10	97	36
Bristol	0.07	16.92	1.99	-4.03	-1.03	90	58	74	9	100	38
Buckhorn Lake	0.00	25.38	1.04	1.83	-2.36	87	57	73	8	93	27
Cape Girardeau	0.00	31.07	5.21	7.98	1.90	92	60	75	7	100	30
Campbellsville	0.00	28.93	1.71	1.03	-2.60	89	57	73	7	96	53
Covington	0.00	23.00	1.66	1.14	-1.06	90	60	75	10	97	28
Cumberland Gap	0.00	30.02	1.23	4.70	-1.76	89	55	73	8	100	38
Dix Dam	0.00	24.86	1.28	0.53	-1.94	89	58	74	9	97	24
Evansville	0.00	28.89	2.43	7.01	-0.35	94	61	77	9	88	33
Glasgow	0.00	37.65	2.50	10.86	-1.13	89	60	75	9	100	35
Grayson	0.00	29.56	0.94	6.93	-1.71	89	55	73	8	85	51
Hardinsburg	0.00	33.86	1.52	9.30	-1.89	89	58	74	8	100	44
Henderson	0.00	29.11	1.52	6.37	-1.67	92	58	76	8	88	33
Huntington	0.00	25.07	0.42	2.31	-2.29	93	59	76	11	100	38
Jackson	0.00	29.64	0.58	5.05	-2.74	88	61	75	10	97	35
Lexington	0.00	26.52	0.66	2.91	-2.39	92	59	76	11	97	24
London	0.00	25.99	1.09	3.22	-2.13	90	58	74	9	97	32
Louisville	0.00	23.54	0.70	0.55	-2.28	92	63	79	13	90	25
Mayfield	0.00	30.73	2.31	5.67	-1.37	91	61	76	8	85	51
Nashville	0.00	18.03	1.33	-5.06	-1.85	94	63	77	11	100	38
Nolin Lake	0.00	31.97	1.52	5.72	-2.36	92	61	76	10	100	35
Paducah	0.00	28.66	0.66	4.05	-2.74	94	59	76	8	97	35
Princeton	0.00	31.78	0.89	7.10	-2.27	90	58	75	7	85	51
Quicksand	0.00	29.84	0.65	5.25	-2.67	90	58	75	10	85	51
Somerset	0.00	30.02	0.72	4.22	-2.99	90	57	74	9	100	30
Spindletop	0.00	31.01	1.38	7.40	-1.67	94	59	77	12	98	30
Williamstown	0.00	24.12	0.81	0.87	-2.21	89	57	74	9	85	51

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