



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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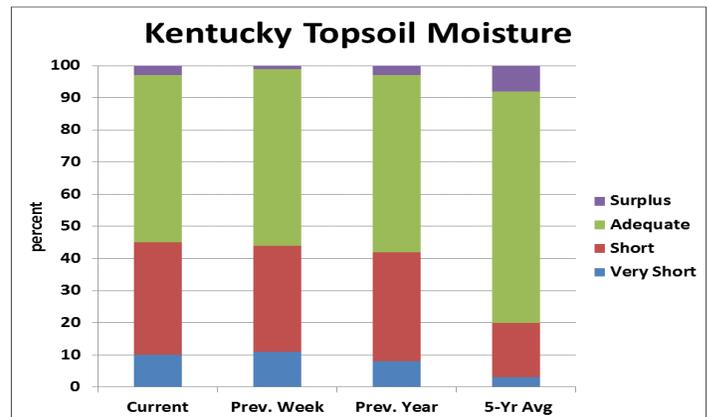
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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.66 inches, 0.04 inches below normal. Temperatures averaged 65 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 10 percent very short, 35 percent short, 52 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 7 percent very short, 34 percent short, 56 percent adequate, and 3 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included harvesting corn and soybeans, planting wheat and cover crops, and stripping tobacco. The lack of moisture is of concern for germination of new seedlings. Most pastures are in need of rain as well. Livestock producers have started feeding hay.

SOIL MOISTURE for week ending 10/23/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	35	52	3
Subsoil	7	34	56	3

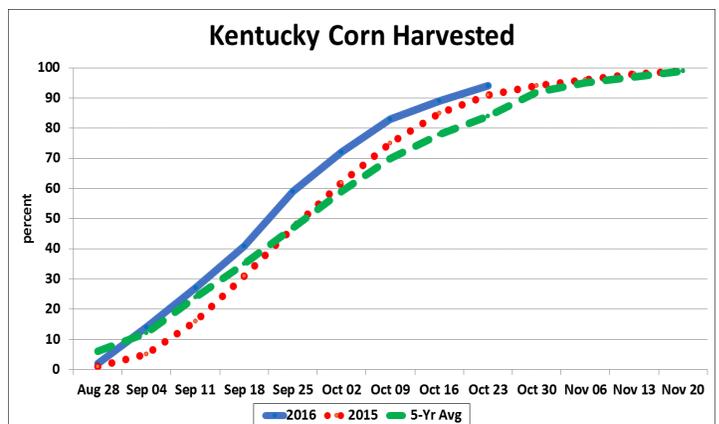
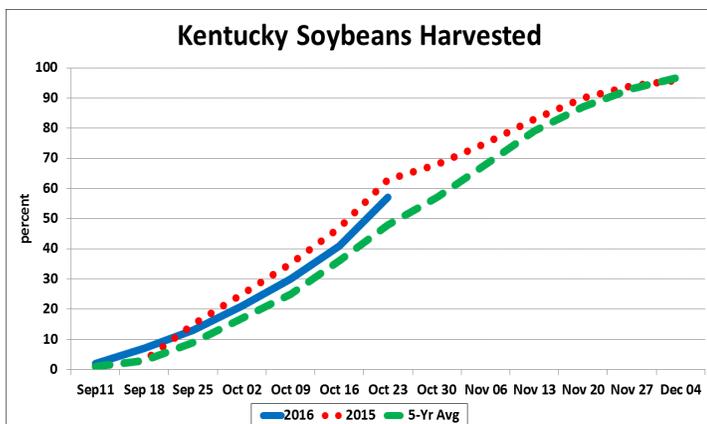


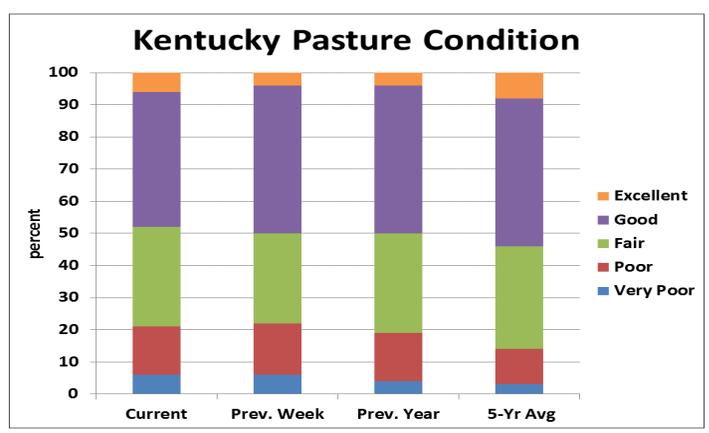
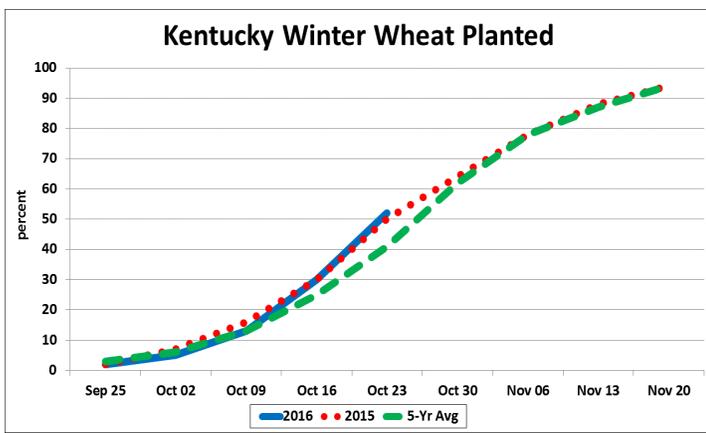
CROP PROGRESS for week ending 10/23/16

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	94	89	91	84
Soybeans Dropping Leaves	91	84	94	92
Soybeans Harvested	57	41	63	48
Tobacco Stripped	31	23	29	18
Winter Wheat Seeded	52	30	50	41
Winter Wheat Emerged	26	9	17	8

CROP CONDITIONS for week ending 10/23/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	6	15	31	42	6
Tobacco Housed	3	10	32	49	6





**Kentucky Climate Summary
For the Period October 17, 2016 to October 23, 2016**

Above Normal Temperatures and Below Normal Rainfall:

This past week started off with very warm temperatures in place on Monday and Tuesday, some even record breaking. Highs rose into the mid to upper 80s for much of the state behind breezy southwest flow and mostly sunny skies. A cold front then pushed through the Lower Ohio Valley over the second half of the work week, bringing some much needed rainfall to the Commonwealth. While Western and Central Kentucky averaged around a quarter to half inch, the Bluegrass and Eastern Kentucky were closer to an inch. Prior to the event, the state had gone four straight weeks of much below normal precipitation. The US Drought Monitor expanded 'Abnormally Dry' conditions across almost the entirety of the state, while 'Moderate Drought' continued to increase in coverage across Southeastern Kentucky. Behind the cold front, much cooler air spilled into the Bluegrass State. Highs on Friday and Saturday only got into the upper 50s to middle 60s. Skies cleared from west to east on Friday night with lows dropping into the upper 30s to lower 40s. Several locations across Eastern Kentucky dropped into the middle 30s on Saturday night, some reporting frost.

Temperatures for the period averaged 65 degrees across the state which was 8 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 76 in the West to 75 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 55 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 11 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at PEABODY and the extreme low was 29 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.66 inches statewide which was 0.04 inches below normal and 94% of normal. Precipitation totals by climate division, West 0.26 inches, Central 0.39 inches, Bluegrass 1.06 inches and East 0.92 inches, which was -0.52, -0.32, 0.41 and 0.25 inches respectively from normal. By station, precipitation totals ranged from a low of 0.01 inches at HENDERSON 5E to a high of 3.63 inches at BURLINGTON 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/23/16 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)					
Bardstown	1.05	31.24	2.03	5.19	-0.41	87	38	66	10	97	31
Berea	0.55	27.68	1.03	0.17	-1.71	85	36	63	8	88	38
Bowling Green	0.37	27.96	1.10	0.32	-1.76	90	40	67	11	93	29
Bristol	0.47	17.99	1.07	-5.42	-1.39	86	33	61	6	100	39
Buckhorn Lake	1.24	27.12	1.74	0.87	-0.96	85	41	66	11	93	33
Cape Girardeau	0.14	31.65	0.58	5.73	-2.24	89	34	65	7	100	32
Campbellsville	0.26	29.64	0.71	-1.37	-2.40	86	35	64	8	96	53
Covington	2.86	27.17	4.17	2.71	1.57	84	41	64	9	100	42
Cumberland Gap	0.84	30.95	0.93	2.67	-2.03	87	31	62	7	100	39
Dix Dam	0.48	26.41	1.55	-0.61	-1.14	87	42	65	10	97	36
Evansville	0.15	30.96	2.07	6.45	-0.55	87	39	65	7	100	10
Glasgow	0.32	38.46	0.81	8.79	-2.07	86	39	65	9	100	32
Grayson	0.72	30.84	1.28	5.53	-1.40	85	37	63	8	96	42
Hardinsburg	0.49	35.26	1.40	7.83	-1.47	87	38	66	10	100	44
Henderson	0.04	30.47	1.36	5.09	-1.28	86	34	65	7	100	10
Huntington	2.16	28.80	3.73	3.37	1.07	88	40	65	10	100	32
Jackson	1.32	31.53	1.89	4.19	-0.86	87	40	66	11	97	37
Lexington	0.69	28.37	1.85	2.32	-0.59	87	42	65	10	97	36
London	0.82	27.01	1.02	1.61	-1.61	87	35	63	8	90	32
Louisville	0.65	25.79	2.25	0.26	-0.29	87	42	68	12	93	31
Mayfield	0.25	32.33	1.60	3.93	-1.74	86	34	65	7	96	42
Nashville	0.36	18.62	0.59	-6.98	-1.92	91	40	66	10	100	32
Nolin Lake	0.49	32.99	1.02	3.69	-2.04	89	38	68	12	100	32
Paducah	0.21	29.14	0.48	1.69	-2.36	89	35	67	9	97	29
Princeton	0.22	32.45	0.67	4.95	-2.15	87	35	66	8	96	42
Quicksand	0.99	31.25	1.41	3.91	-1.34	87	33	62	7	96	42
Somersset	0.30	30.88	0.86	1.98	-2.23	86	34	63	8	100	32
Spindletop	0.27	32.56	1.55	6.51	-0.89	88	41	65	10	97	37
Williamstown	1.11	26.37	2.25	0.37	-0.50	83	40	64	9	96	42

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