



Crop Progress and Condition

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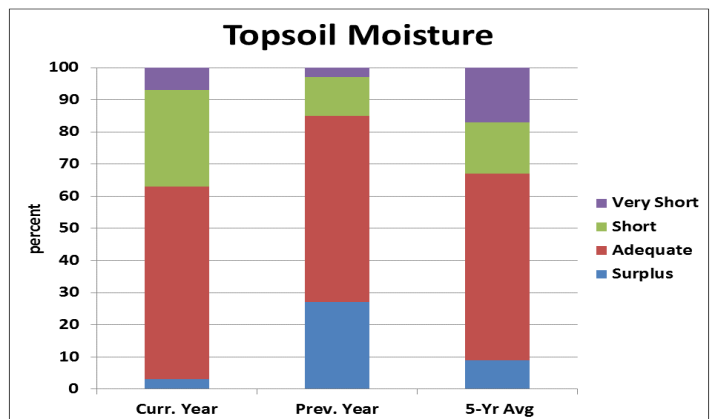
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Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.36 inches, 0.35 inches below normal. Temperatures averaged 55 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 7 percent very short, 30 percent short, 60 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 7 percent very short, 31 percent short, 60 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven. Primary activities this week included harvesting corn and soybeans, sowing wheat and stripping tobacco. First widespread frost was received this week. Some producers were feeding hay to their livestock.

SOIL MOISTURE for week ending 10/18/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	7	30	60	3
Subsoil	7	31	60	2



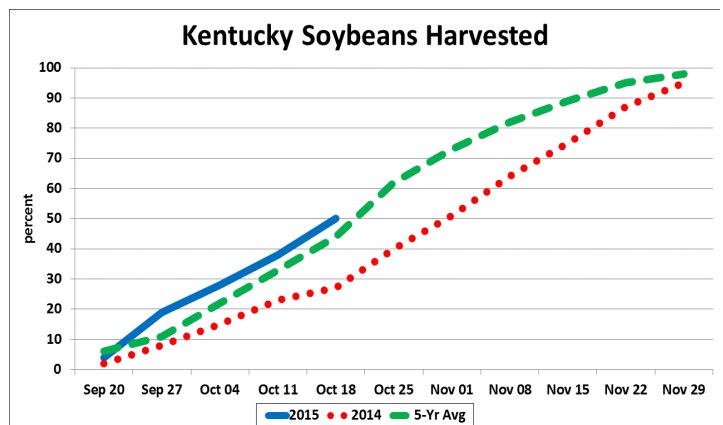
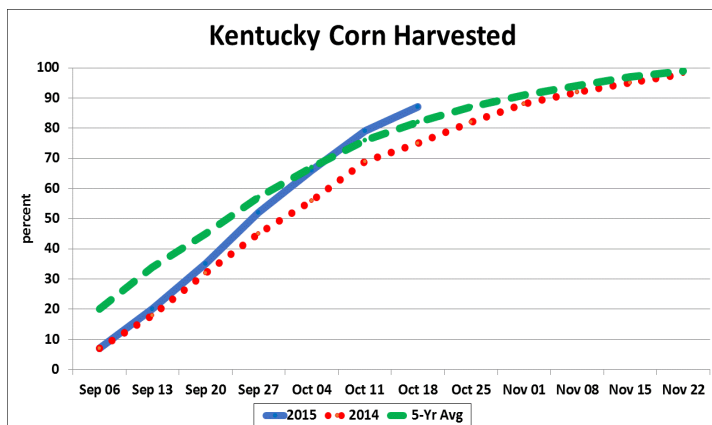
CROP PROGRESS for week ending 10/18/15

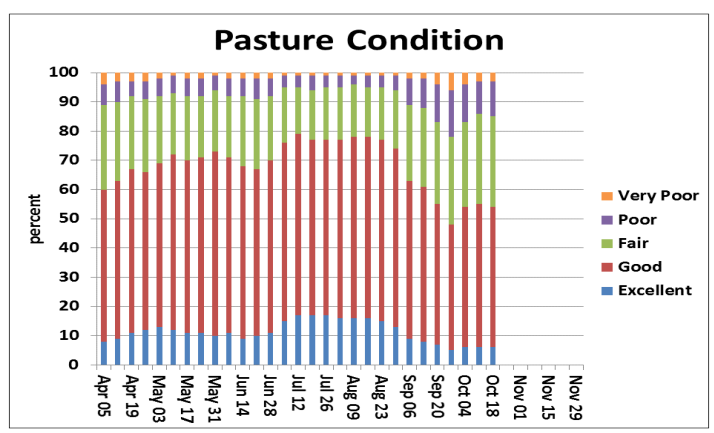
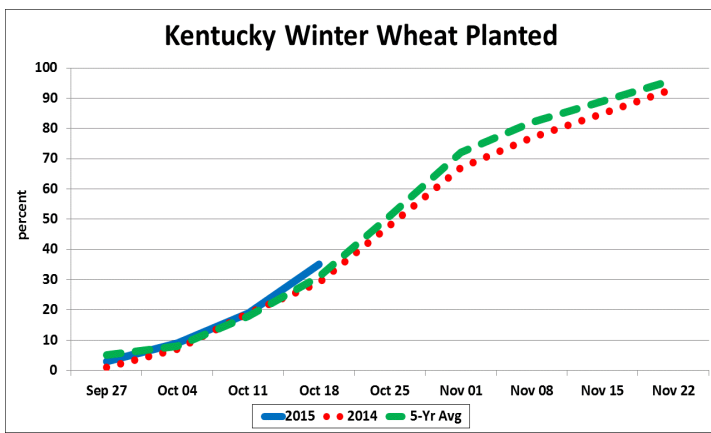
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	100	99	97	98
Corn Harvested	87	79	75	82
Soybeans Dropping Leaves	90	80	77	88
Soybeans Mature	78	67	63	75
Soybeans Harvested	50	38	27	44
Tobacco Stripped	23	13	11	12
Winter Wheat Seeded	35	19	29	31
Winter Wheat Emerged	11	3	8	-

- Represents zero or not available.

CROP CONDITIONS for week ending 10/18/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	11	51	33
Pasture	3	12	31	48	6
Soybeans	1	5	21	58	15
Tobacco Housed	2	8	25	58	7





**Kentucky Climate Summary
For the Period October 12, 2015 to October 18, 2015**

Below Normal Temperatures and Rainfall:

This past week brought the Commonwealth a couple rounds of rainfall, in addition to the first widespread frost of the young fall season. A cold front pushed through the region Monday evening and into the overnight, producing a solid band of showers and storms. This feature accounted for much of the rainfall this past week. Over the period, the state averaged a little over a third of an inch, which was below normal for a second straight week. A secondary cold front passed through the Ohio Valley on Thursday night with not much in the way of precipitation. The bigger story was the cold temperatures filtering into the area over the weekend. Areas of frost developed both Friday and Saturday nights across the state. The coolest temperatures were seen Saturday night and Sunday morning as the majority of Kentucky dropped below freezing. Many rural locations dropped into the mid to upper 20s, which is around 15 to 20 degrees below normal for this time of year.

Temperatures for the period averaged 55 degrees across the state which was 3 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 71 in the West to 66 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 43 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to near normal in the East. The extreme high temperature for the period was 86 degrees at MAYFIELD 6SW and the extreme low was 24 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.36 inches statewide which was 0.35 inches below normal and 51% of normal. Precipitation totals by climate division, West 0.26 inches, Central 0.52 inches, Bluegrass 0.35 inches and East 0.30 inches, which was 0.48, 0.2, 0.33 and 0.4 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 0.89 inches at BRANDENBURG 4SW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/18/15 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	0.37	36.79	3.37	11.16	0.81	78	28	55	-3	96	21
Berea	0.57	36.09	4.12	9.03	1.16	75	28	53	-4	88	38
Bowling Green	0.87	28.63	5.04	1.48	2.05	82	33	58	0	97	24
Bristol	0.36	27.43	4.54	4.44	1.95	73	30	56	-1	100	10
Buckhorn Lake	0.40	28.98	3.10	3.18	0.24	74	29	54	-3	97	22
Cape Girardeau	0.00	28.89	0.44	3.46	-2.49	83	27	56	-4	100	29
Campbellsville	0.39	33.93	5.76	3.43	2.38	77	30	54	-4	96	53
Covington	0.38	24.57	1.76	0.57	-0.86	79	28	53	-4	97	26
Cumberland Gap	0.35	32.17	4.25	4.42	1.31	74	27	54	-3	100	10
Dix Dam	0.36	37.68	3.20	11.12	0.40	76	29	54	-3	93	27
Evansville	0.15	26.43	1.12	2.38	-1.54	84	29	57	-3	93	20
Glasgow	0.48	29.04	2.59	-0.15	-0.45	78	32	56	-2	100	24
Grayson	0.31	40.50	3.66	15.67	1.01	75	28	52	-5	96	37
Hardinsburg	0.68	26.60	1.82	-0.34	-1.17	84	26	55	-3	100	44
Henderson	0.09	30.94	2.23	6.01	-0.54	84	28	58	-2	93	20
Huntington	0.08	28.50	2.09	3.55	-0.56	75	28	53	-4	100	25
Jackson	0.45	36.85	2.86	9.98	0.00	75	31	56	-1	97	27
Lexington	0.36	35.16	3.21	9.53	0.65	78	29	54	-3	93	27
London	0.19	32.56	4.24	7.61	1.48	75	32	55	-2	93	26
Louisville	0.39	36.11	2.82	11.02	0.19	82	37	59	1	93	20
Mayfield	0.14	31.69	1.41	3.87	-2.01	83	31	58	-2	96	37
Nashville	0.37	26.60	2.35	1.42	-0.31	83	38	59	1	100	25
Nolin Lake	0.43	33.73	2.42	4.94	-0.83	81	31	59	1	100	24
Paducah	0.04	25.29	0.63	-1.67	-2.34	86	29	59	-1	93	20
Princeton	0.38	27.09	1.57	0.08	-1.31	83	30	57	-3	96	37
Quicksand	0.52	30.16	3.02	3.29	0.16	77	28	54	-3	96	37
Somerset	0.29	31.83	4.37	3.46	1.14	76	31	55	-2	100	29
Spindletop	0.06	42.73	4.06	17.10	1.50	78	30	55	-2	96	30
Williamstown	0.39	32.69	2.27	7.17	-0.53	77	28	53	-4	96	37

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