



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: October 15, 2018

Issue: 33-18

Agricultural News: Kentucky experienced normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.80 inches, 0.06 inches above normal. Temperatures averaged 62 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 5 percent short, 75 percent adequate, and 20 percent surplus. **Subsoil moisture** was rated 5 percent short, 79 percent adequate, and 16 percent surplus. Days suitable for fieldwork averaged 4.8 out of a possible seven.

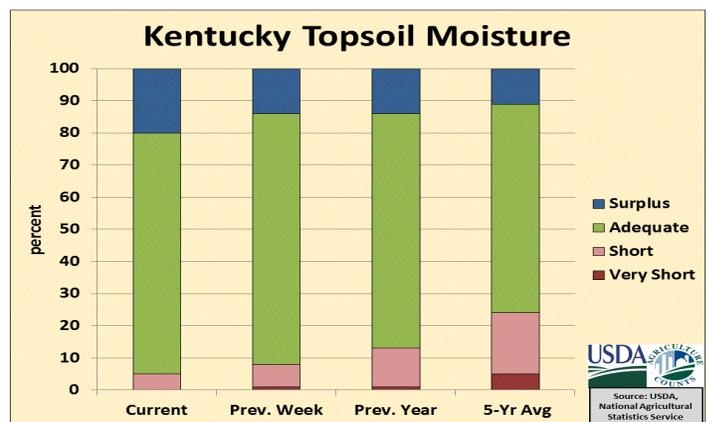
Primary activities for this week included the continued harvest of corn, soybeans, and tobacco along with winter wheat planting and tobacco stripping. While temperatures were seasonably cool as the week progressed, scattered rain interrupted fieldwork at times.

Pasture condition is mostly good at this time with cooler temperatures slowing growth. The condition of housed tobacco was reported as mostly good as were soybeans. Although the majority of winter wheat is yet to be planted, a small portion of the crop has begun to emerge.

SOIL MOISTURE for week ending 10/14/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	5	75	20
Subsoil	-	5	79	16

- Represents zero.



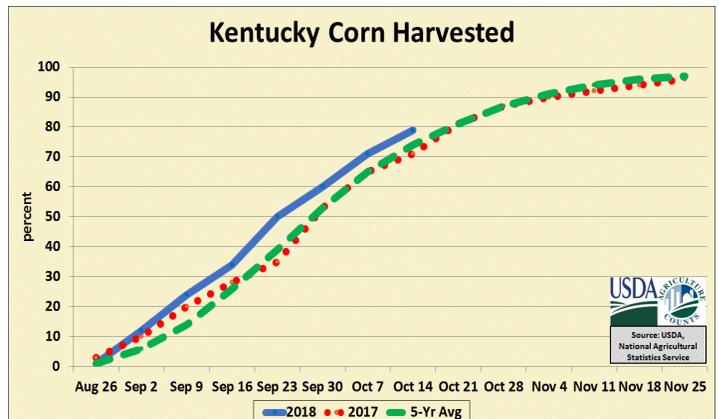
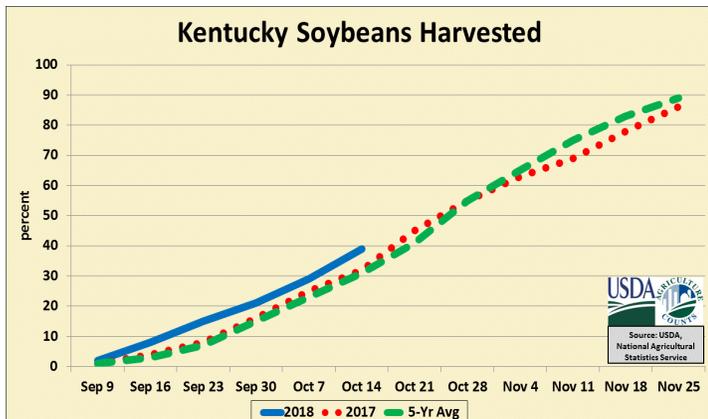
CROP PROGRESS for week ending 10/14/18

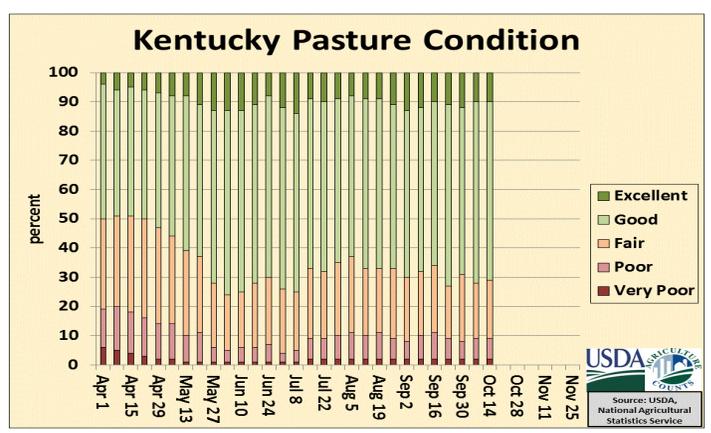
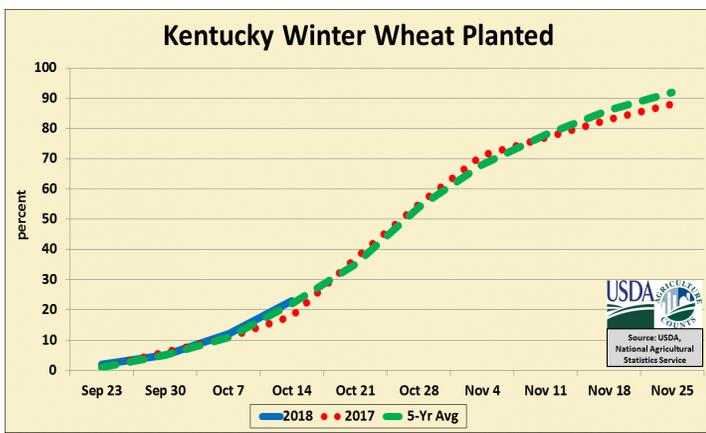
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	97	95	96	97
Corn Harvested	79	71	71	74
Soybeans Coloring	95	89	91	-1
Soybeans Dropping Leaves	81	72	76	77
Soybeans Harvested	39	29	32	31
Tobacco Cut	93	88	96	95
Tobacco Stripped	22	14	26	17
Winter Wheat Seeded	23	12	18	22
Winter Wheat Emerged	5	3	6	5

-1 Represents not available.

CROP CONDITIONS for week ending 10/14/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	7	20	61	10
Soybeans	2	6	18	60	14
Tobacco Housed	4	7	19	63	7





**Kentucky Climate Summary
For the Period October 8, 2018 to October 14, 2018**

Above Normal Temperatures and Rainfall:

The transitional season of fall to cooler weather was in full effect this period. The week started with unseasonably warm temperatures and mostly dry conditions in place. High temperatures jumped into the mid to upper 80s on Monday and Tuesday, before a strong cold front pushed through the area on Wednesday. The boundary was the focus for periods of showers through the day, but the bigger story was an abrupt change to fall weather. Behind the front, northwest flow ushered much cooler and drier air into the Bluegrass State for the second half of the week. Low temperatures dropped into the upper 30s to middle 40s both Friday and Saturday mornings. Even had some spots drop into the middle 30s. Additional disturbances moved through the area over the weekend, sparking light to occasionally moderate showers. Overall, the state averaged 0.80 inches for the week, which was slightly above normal for this time of year.

Temperatures for the period averaged 62 degrees across the state which was 3 degrees warmer than normal and 14 degrees cooler than the previous period. High temperatures averaged from 70 in the West to 70 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 56 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at OWENSBORO AWSS and the extreme low was 35 degrees at HENDERSON 5E.

Precipitation (liq. equ.) for the period totaled 0.80 inches statewide which was 0.06 inches above normal and 108% of normal. Precipitation totals by climate division, West 0.79 inches, Central 0.80 inches, Bluegrass 0.70 inches and East 0.90 inches, which was 0.04, 0.03, -0.01 and 0.16 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at MONTICELLO AWOS to a high of 2.18 inches at BURKESVILLE 3W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/14/18 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	0.53	33.48	7.56	8.18	4.91	87	37	63	3	98	32
Berea	1.67	43.49	8.06	16.80	4.93	86	40	62	4	88	38
Bowling Green	0.87	24.39	5.04	-2.37	1.94	87	43	65	5	100	39
Bristol	1.14	27.82	3.47	5.16	0.78	82	45	64	6	100	44
Buckhorn Lake	0.89	33.43	9.35	8.00	6.37	84	41	61	3	100	43
Cape Girardeau	0.65	28.65	3.19	3.61	0.17	89	38	63	1	100	44
Campbellsville	0.74	27.76	4.87	-2.33	1.28	84	38	62	2	96	53
Covington	0.64	29.97	2.55	6.34	-0.09	87	38	61	3	100	45
Cumberland Gap	0.78	34.93	7.00	7.61	4.07	85	43	63	5	100	44
Dix Dam	0.39	37.96	5.98	11.77	3.10	85	39	62	4	93	42
Evansville	0.73	30.76	4.13	7.08	1.45	88	39	62	0	100	46
Glasgow	1.01	31.07	4.63	2.27	1.46	85	40	64	4	95	41
Grayson	0.67	44.93	6.52	20.49	3.89	84	39	61	3	85	51
Hardinsburg	0.59	31.82	5.48	5.27	2.40	86	37	62	2	100	44
Henderson	1.01	22.38	4.57	-2.20	1.70	89	37	62	0	100	46
Huntington	0.57	33.67	5.44	9.10	2.80	86	42	62	4	100	46
Jackson	0.87	37.04	9.45	10.55	6.49	87	41	62	4	97	45
Lexington	0.48	40.50	9.98	15.20	7.33	86	39	64	6	93	42
London	0.50	34.05	4.57	9.45	1.70	85	41	63	5	100	47
Louisville	0.58	38.82	7.10	14.08	4.40	89	41	65	5	96	41
Mayfield	0.72	26.24	4.75	-1.11	1.27	86	40	64	2	85	51
Nashville	0.00	23.04	5.76	-1.80	2.99	82	45	64	4	100	35
Nolin Lake	0.73	32.23	7.49	3.85	4.09	90	38	66	6	95	41
Paducah	1.33	28.62	4.37	2.05	1.29	89	41	64	2	93	43
Princeton	0.78	29.04	5.77	2.42	2.84	87	38	64	2	100	42
Quicksand	0.90	34.59	7.80	8.10	4.84	86	43	62	4	85	51
Somerset	1.93	37.51	6.95	9.56	3.61	88	38	63	5	100	44
Spindletop	0.74	47.07	8.52	21.77	5.87	84	38	61	3	100	45
Williamstown	0.31	37.80	5.34	12.67	2.50	86	37	61	3	85	51

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