



Crop Progress and Condition

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In Cooperation with:

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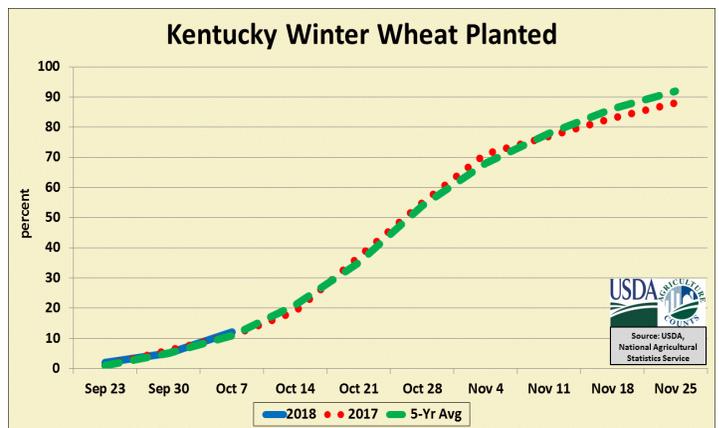
Agricultural News: Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.47 inches, 0.33 inches below normal. Temperatures averaged 76 degrees for the week, 14 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 7 percent short, 78 percent adequate, and 14 percent surplus. **Subsoil moisture** was rated 1 percent very short, 7 percent short, 80 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven.

Primary activities for this week included the ongoing harvest of corn, soybeans, and tobacco. Winter wheat planting is continuing with a small percentage of the crop beginning to emerge. For most of the state the weather was hot and dry allowing farmers to move ahead with fieldwork.

Pasture condition is mostly good at this time, however the unseasonal heat may have a negative effect going forward without some rain. Housed tobacco is in mostly good condition with evident houseburn rated as 7 percent severe, 13 percent moderate, 29 percent light, and 51 percent with none.

SOIL MOISTURE for week ending 10/07/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	7	78	14
Subsoil	1	7	80	12



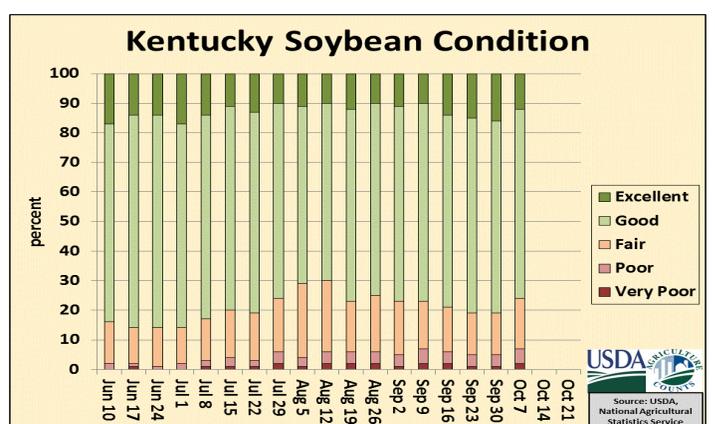
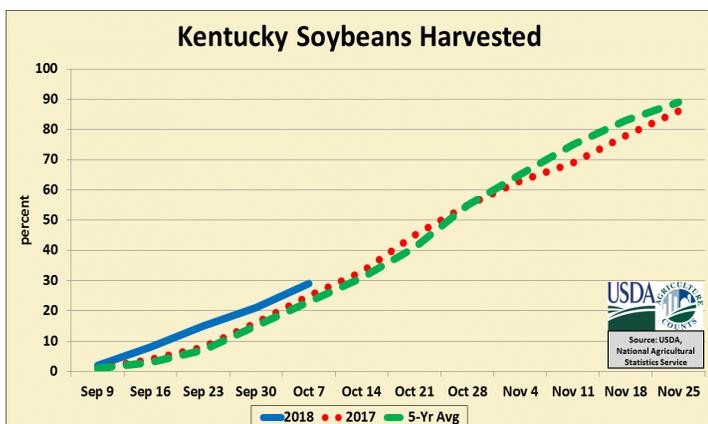
CROP PROGRESS for week ending 10/07/18

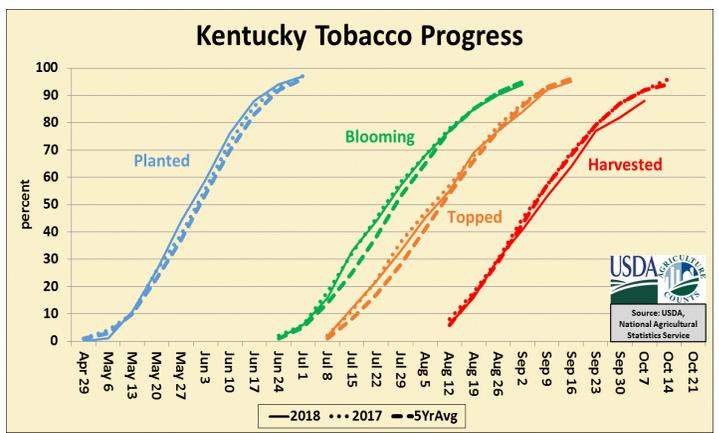
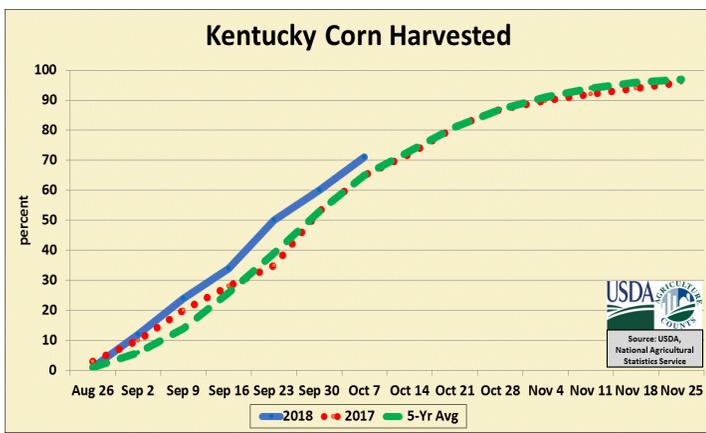
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	95	92	93	94
Corn Harvested	71	60	65	65
Soybeans Coloring	89	81	86	-
Soybeans Dropping Leaves	72	60	66	66
Soybeans Harvested	29	21	25	23
Tobacco Cut	88	82	92	92
Tobacco Stripped	14	-	20	10
Winter Wheat Seeded	12	5	11	11
Winter Wheat Emerged	3	-	-	-

- Represents not available.

CROP CONDITIONS for week ending 10/07/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	7	19	62	10
Soybeans	2	5	17	64	12
Tobacco Housed	5	8	18	59	10





**Kentucky Climate Summary
For the Period October 1, 2018 to October 7, 2018**

Well Above Normal Temperatures and Below Normal Rainfall:

Unseasonably warm and dry for much of the Bluegrass State over the past 7 days. Showers and thunderstorms were mostly scattered at the start and midpoint of the workweek. Then summer-like conditions provided very warm and muggy weather with only isolated showers and thunderstorms for the remainder of the workweek and weekend. Western Kentucky missed out on much of the rainfall and averaged less than a tenth of an inch, while the rest of the state was around a half. Temperature-wise, highs jumped into the upper 80s to low 90s at times across the state. Normal high temperatures for the first week of October are in the low to middle 70s. Kentucky has now seen six straight weeks of above normal temperatures.

Temperatures for the period averaged 76 degrees across the state which was 14 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 12 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. Low temperatures averaged from 67 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 16 degrees warmer than normal in the West to 18 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at GREENVILLE 6N and the extreme low was 54 degrees at CARBONDALE ASOS.

Precipitation (liq. equ.) for the period totaled 0.47 inches statewide which was 0.33 inches below normal and 59% of normal. Precipitation totals by climate division, West 0.09 inches, Central 0.48 inches, Bluegrass 0.65 inches and East 0.65 inches, which was 0.73, 0.36, 0.09 and 0.14 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BARBOURVILLE 3E to a high of 3.88 inches at LEXINGTON APT.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/07/18 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	0.74	32.95	7.03	8.23	4.21	92	54	76	14	97	53
Berea	0.76	41.82	6.61	15.76	3.18	87	57	74	13	88	38
Bowling Green	0.78	23.52	4.18	-2.56	0.89	90	62	77	15	100	51
Bristol	0.09	26.68	4.17	4.61	1.30	90	60	74	13	100	52
Buckhorn Lake	2.83	32.54	8.87	7.74	5.67	86	61	74	13	100	19
Cape Girardeau	0.00	28.00	2.54	3.63	-0.64	90	58	78	14	100	45
Campbellsville	0.01	27.02	4.13	-2.36	0.17	86	59	74	12	96	53
Covington	0.07	29.33	1.91	6.34	-0.75	88	56	75	14	100	51
Cumberland Gap	0.00	34.15	6.93	7.57	4.03	88	60	74	13	100	52
Dix Dam	0.80	37.57	5.62	12.02	2.59	85	61	75	14	97	49
Evansville	0.01	30.03	3.40	7.00	0.67	89	59	77	13	100	43
Glasgow	0.14	30.06	3.63	1.94	0.23	87	61	76	14	96	41
Grayson	0.06	44.26	6.73	20.49	4.13	87	56	73	12	86	55
Hardinsburg	0.24	31.23	4.91	5.37	1.67	89	60	76	14	100	44
Henderson	0.00	21.37	3.56	-2.58	0.51	91	58	78	14	100	43
Huntington	0.72	33.10	5.18	9.20	2.55	88	59	75	14	100	47
Jackson	2.01	36.17	9.16	10.33	6.04	88	64	75	14	97	51
Lexington	3.88	40.02	9.62	15.30	6.80	89	62	77	16	97	49
London	0.00	33.55	4.68	9.58	1.62	87	60	74	13	100	54
Louisville	0.26	38.24	6.58	14.11	3.76	92	63	80	18	93	47
Mayfield	0.01	25.52	4.03	-1.02	0.44	88	61	77	13	86	55
Nashville	0.53	23.04	5.76	-1.21	2.78	89	66	76	14	100	43
Nolin Lake	0.01	31.50	6.77	3.83	3.10	93	60	77	15	96	41
Paducah	0.00	27.29	3.04	1.39	-0.22	91	59	79	15	93	42
Princeton	0.00	28.26	5.00	2.33	1.98	89	59	77	13	100	45
Quicksand	1.55	33.69	7.46	7.85	4.34	88	58	74	13	86	55
Somerset	0.20	35.58	5.26	8.37	1.72	88	58	74	13	100	45
Spindletop	2.02	46.33	7.83	21.61	5.01	89	62	76	15	100	49
Williamstown	0.00	37.49	5.06	13.03	2.15	86	57	75	14	86	55

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