



# Crop Progress and Condition

**USDA, NASS, Kentucky Field Office**

David Knopf, Director  
PO Box 1120  
Louisville, Kentucky 40201-1120  
(502) 907-3250 or 1-800-928-5277  
Email: nassrfoemr@nass.usda.gov

**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 7, 2019

Issue: 30-19

**Agricultural News:** Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.49 inches, 0.31 inches below normal. Temperatures averaged 75 degrees for the week, 13 degrees above normal. **Topsoil moisture** was rated 46 percent very short, 37 percent short, and 17 percent adequate. **Subsoil moisture** was rated 43 percent very short, 40 percent short, and 17 percent adequate. Days suitable for fieldwork averaged 6.5 out of a possible seven.

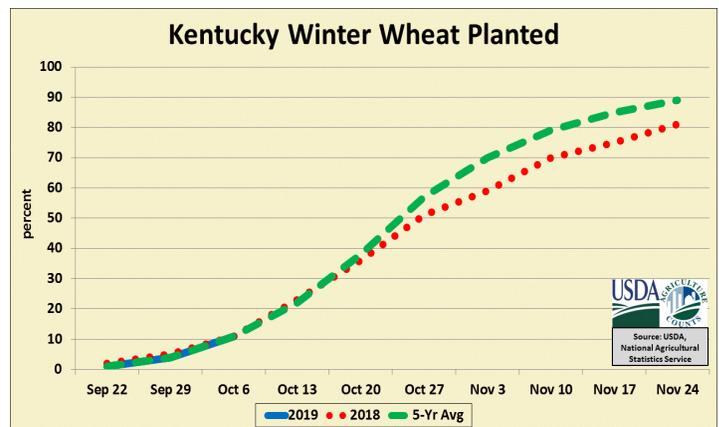
Primary activities for this week included harvesting corn, soybeans, and tobacco. Planting of winter wheat is continuing with a small percentage of the crop emerged. Through most of the week dry conditions persisted, however the weekend brought some much needed rain in parts of the state. Some later season soybeans are being adversely affected by the long drought period.

Pastures are very stressed, however the rain late in the week may promote some growth. With that being said, many farmers are feeding hay to compensate for the sustained drought. Pasture condition was reported as 27 percent very poor, 38 percent poor, 28 percent fair, and 7 percent good. Tobacco houseburn was reported as 2 percent severe, 6 percent moderate, 30 percent light, and 62 percent none evident.

**SOIL MOISTURE for week ending 10/06/19**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	46	37	17	-
Subsoil	43	40	17	-

- Represents zero.



**CROP PROGRESS for week ending 10/06/19**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	96	90	95	94
Corn Harvested	76	58	69	68
Soybeans Coloring	87	77	88	86
Soybeans Dropping Leaves	69	55	70	67
Soybeans Harvested	31	19	28	25
Tobacco Cut	92	87	87	91
Tobacco Stripped	10	-1	13	11
Winter Wheat Seeded	11	4	11	11
Winter Wheat Emerged	1	-	-1	-1

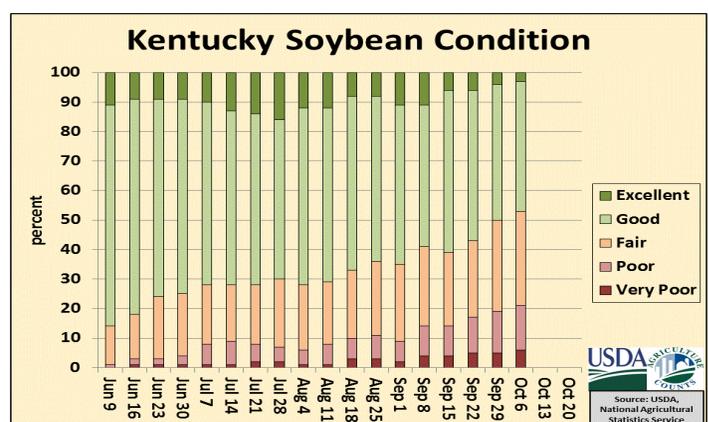
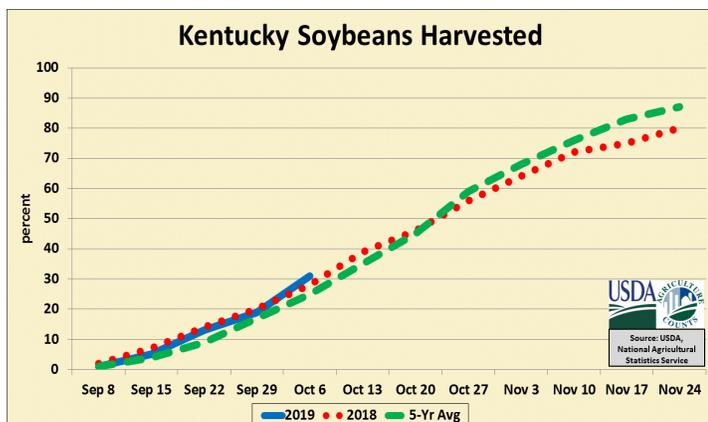
- Represents zero.

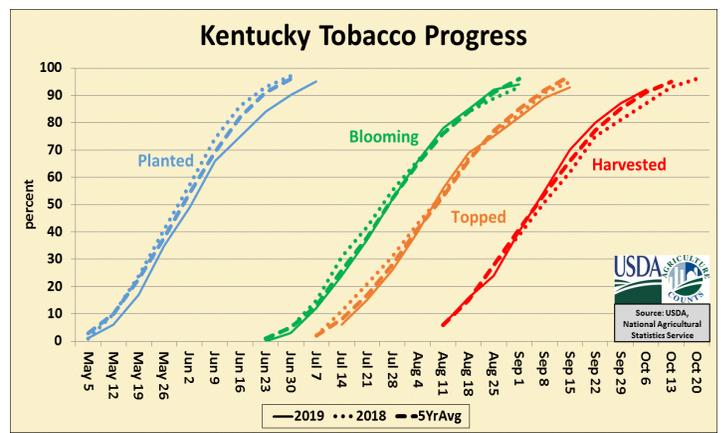
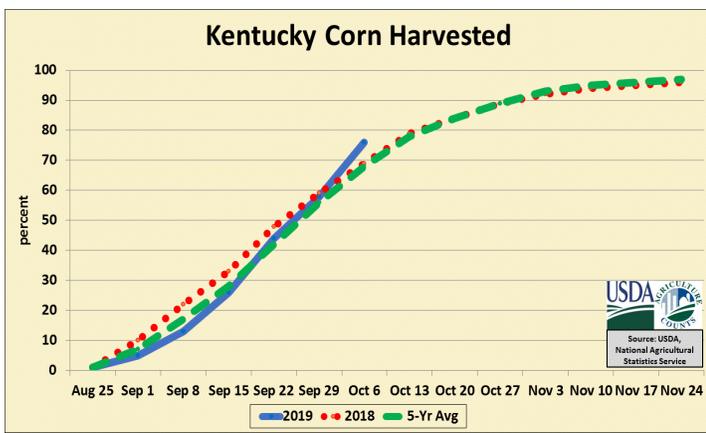
-1 Represents not available.

**CROP CONDITIONS for week ending 10/06/19**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	8	24	45	20
Pasture	27	38	28	7	-
Soybeans	6	15	32	44	3
Tobacco Housed	2	7	33	51	7

- Represents zero.





**Kentucky Climate Summary  
For the Period September 30, 2019 to October 6, 2019**

Well Above Normal Temperatures and Below Normal Rainfall:

Kentucky finally saw some significant rainfall on Sunday as a cold front moved through the area. Scattered to numerous showers and some storms led to accumulations of well over an inch for portions of North Central Kentucky. Rainfall did turn more widespread that evening and carried over into the overnight. Much of these accumulations fell after the data cutoff for this period and will be seen in the crop report next week. This rainfall followed a very dry September. Data at the Ag Weather Center shows the state only averaged 0.28 inches for the month, which would likely be good for the driest September on record. For many, the rainfall on Sunday was the first significant activity since the last week of August. The latest update to the US Drought Monitor on Thursday upgraded a small portion of Southeastern Kentucky into an ‘Extreme’ drought, while also expanding ‘Severe’ drought to cover 58% of the state. Much of the focus this week was on rainfall, but Kentucky also saw record breaking warmth over the first half of the period with highs consistently jumping well into the 90s. While daily records were broken, all-time highs for October were also surpassed.

Temperatures for the period averaged 75 degrees across the state which was 13 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 88 in the East. Departure from normal high temperatures ranged from 12 degrees warmer than normal in the West to 14 degrees warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 11 degrees warmer than normal in the West to 15 degrees warmer than normal in the East. The extreme high temperature for the period was 98 degrees at BOWLING GREEN APT and the extreme low was 42 degrees at RICHMOND 8E.

Precipitation (liq. equ.) for the period totaled 0.49 inches statewide which was 0.31 inches below normal and 61% of normal. Precipitation totals by climate division, West 0.42 inches, Central 0.71 inches, Bluegrass 0.34 inches and East 0.49 inches, which was 0.4, 0.13, 0.4 and 0.3 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BARBOURVILLE 3E to a high of 1.93 inches at BOONEVILLE 2S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 10/06/19 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	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	0.25	24.67	0.27	0.03	-2.57	95	50	76	14	98	26
Berea	1.66	25.90	1.66	-0.07	-1.82	96	42	73	12	100	31
Bowling Green	0.36	25.73	0.57	-0.25	-2.74	98	54	78	16	90	26
Bristol	0.41	24.17	1.09	2.18	-1.80	94	58	75	14	100	31
Buckhorn Lake	0.03	22.60	0.11	-2.11	-3.12	94	51	76	15	87	25
Cape Girardeau	1.00	33.68	3.66	9.41	0.46	94	51	73	9	100	21
Campbellsville	1.19	23.30	1.47	-5.98	-2.54	94	50	74	12	100	31
Covington	0.10	26.51	0.21	3.62	-2.46	95	51	74	13	90	29
Cumberland Gap	0.25	29.60	0.64	3.13	-2.26	81	52	68	7	100	41
Dix Dam	0.19	22.82	0.24	-2.63	-2.81	96	48	76	15	90	26
Evansville	0.09	27.51	0.16	4.57	-2.57	96	51	74	10	97	19
Glasgow	1.49	25.89	1.57	-2.13	-1.87	96	52	76	14	100	30
Grayson	1.30	26.28	1.38	2.61	-1.22	97	46	75	14	100	31
Hardinsburg	1.46	29.62	1.48	3.86	-1.79	95	52	74	12	99	24
Henderson	0.17	21.65	0.18	-2.21	-2.90	96	51	73	9	99	23
Huntington	0.88	24.11	0.89	0.31	-1.74	93	50	72	11	100	31
Jackson	0.32	24.61	0.32	-1.13	-2.82	97	50	77	16	100	28
Lexington	0.31	22.29	0.31	-2.35	-2.53	97	50	77	16	90	26
London	1.85	28.89	1.96	5.01	-1.13	94	52	76	15	100	29
Louisville	0.93	24.02	0.97	-0.02	-1.87	98	54	78	16	87	23
Mayfield	0.34	26.17	0.44	-0.25	-3.17	96	48	74	10	100	21
Nashville	0.22	23.45	0.24	-0.72	-2.77	99	58	80	18	100	21
Nolin Lake	0.59	28.97	0.71	1.41	-3.00	98	50	76	14	97	25
Paducah	0.49	34.07	0.81	8.27	-2.48	96	52	75	11	90	19
Princeton	0.83	25.04	1.17	-0.79	-1.86	94	53	74	10	100	18
Quicksand	0.54	23.28	0.58	-2.46	-2.56	95	46	74	13	85	45
Somerset	0.27	26.34	0.40	-0.76	-3.17	95	49	74	13	99	30
Spindletop	0.20	21.48	0.20	-3.16	-2.64	97	49	77	16	97	28
Williamstown	1.39	28.36	1.69	4.00	-1.23	94	47	73	12	100	33

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