



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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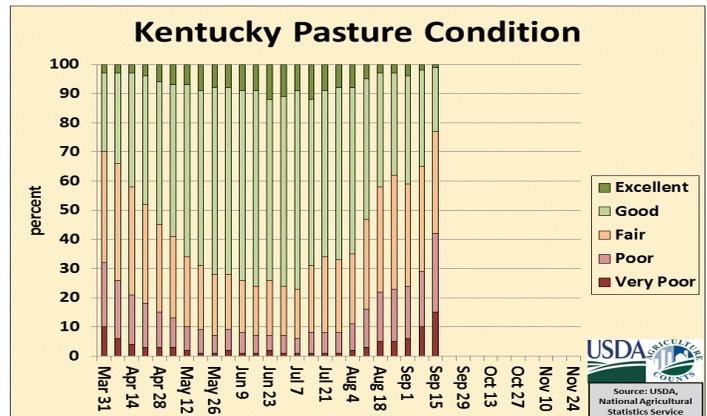
**Agricultural News:** Kentucky experienced well above normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.04 inches, 0.80 inches below normal. Temperatures averaged 78 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 31 percent very short, 47 percent short, 22 percent adequate and 0 percent surplus. **Subsoil moisture** was rated 21 percent very short, 46 percent short, 33 percent adequate, and 0 percent surplus. Days suitable for fieldwork averaged 6.8 out of a possible seven.

Primary activities this week included harvesting corn and soybeans as well as topping and cutting tobacco. High temperatures coupled with low rainfall have caused crops to mature much faster. Soybeans and pastures continue to show signs of stress. Some livestock producers are beginning to look for other water sources as ponds dry up. Corn yields remain variable across the state.

**SOIL MOISTURE for week ending 09/15/19**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	31	47	22	-
Subsoil	21	46	33	-

- Represents zero.

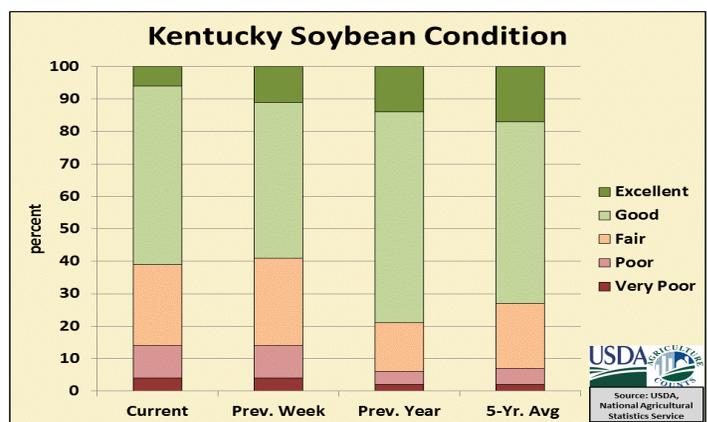
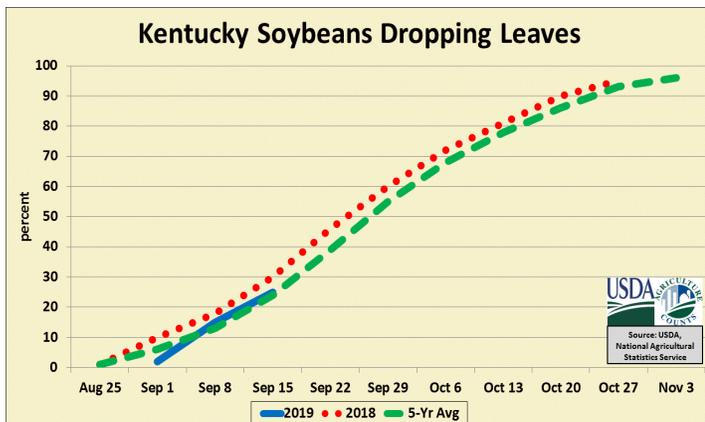


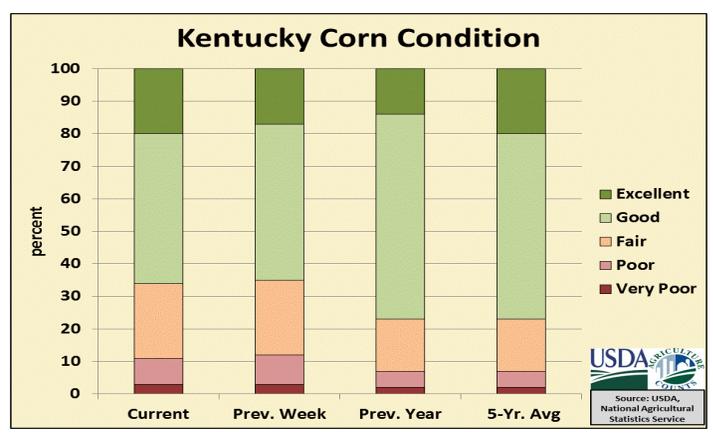
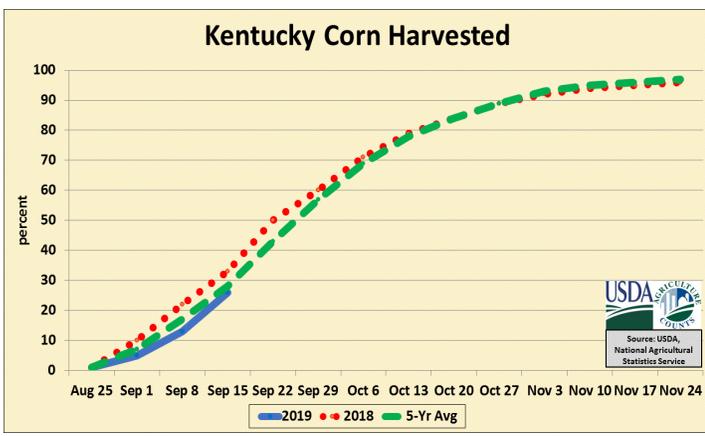
**CROP PROGRESS for week ending 09/15/19**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	95	93	99	98
Corn Dent	91	85	93	92
Corn Mature	71	59	80	74
Corn Harvested	26	13	33	28
Soybeans Setting Pods	91	87	97	96
Soybeans Coloring	49	32	59	51
Soybeans Dropping Leaves	25	15	30	24
Soybeans Harvested	5	1	7	4
Tobacco Topped	93	89	95	97
Tobacco Cut	70	55	62	66

**CROP CONDITIONS for week ending 09/15/19**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	8	23	46	20
Pasture	15	27	35	22	1
Soybeans	4	10	25	55	6
Tobacco Housed	2	6	26	59	7





**Kentucky Climate Summary  
For the Period September 9, 2019 to September 15, 2019**

Well Above Normal Temperatures and Much Below Normal Rainfall:

Dry weather and unrelenting heat has engulfed the Bluegrass State. According to data at the Ag Weather Center, through the first 15 days of the month, the state has only averaged 0.06 inches. The US Drought Monitor has reintroduced ‘Moderate Drought’ to portions of North Central Kentucky and established a new area across Southeastern Kentucky. This period was no different with the trend of mostly dry conditions remaining in place. Other than some spotty showers and storms, this was a second straight week where many locations saw no rainfall. In addition to the dry weather, summer heat has remained entrenched across the area. Highs in the low to middle 90s were common this past week, including many jumping into the upper 90s on Tuesday. Lexington airport hit 100 degrees for the first time since 2012.

Temperatures for the period averaged 78 degrees across the state which was 8 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 92 in the West to 92 in the East. Departure from normal high temperatures ranged from 8 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 100 degrees at LEXINGTON APT and the extreme low was 49 degrees at RICHMOND 8E.

Precipitation (liq. equ.) for the period totaled 0.04 inches statewide which was 0.8 inches below normal and 5% of normal. Precipitation totals by climate division, West 0.01 inches, Central 0.03 inches, Bluegrass 0.00 inches and East 0.11 inches, which was 0.84, 0.9, 0.76 and 0.7 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 0.75 inches at MIDDLESBORO AWOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 09/15/19 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	0.00	24.40	3.26	1.86	0.01	96	57	78	9	192	3,566	314
Berea	0.00	24.24	2.53	0.81	-1.14	97	49	76	8	180	3,378	56
Bowling Green	0.00	25.16	4.13	1.62	0.80	98	62	81	12	217	4,041	661
Bristol	0.68	23.76	3.90	3.90	0.94	96	58	78	10	198	3,584	480
Buckhorn Lake	0.00	22.49	2.06	0.16	-1.30	95	56	78	10	194	3,432	477
Cape Girardeau	0.00	30.02	1.35	8.12	-1.90	95	61	79	8	201	3,878	362
Campbellsville	0.00	21.83	2.61	-4.52	-1.63	95	53	76	7	184	3,392	94
Covington	0.00	26.30	2.91	5.40	0.07	95	57	78	10	196	3,492	442
Cumberland Gap	0.04	29.00	3.01	4.71	-0.35	82	61	72	4	154	2,228	-852
Dix Dam	0.00	22.58	0.98	-0.62	-2.36	97	55	79	11	200	3,526	272
Evansville	0.00	27.35	2.55	6.46	-0.24	95	58	78	7	198	3,696	340
Glasgow	0.00	24.32	1.90	-1.18	-1.74	95	59	78	9	198	3,594	308
Grayson	0.00	24.90	2.47	3.19	-0.48	98	54	77	9	191	3,540	626
Hardinsburg	0.00	28.14	0.86	4.80	-2.55	95	55	78	9	194	3,526	128
Henderson	0.00	21.47	1.60	-0.12	-1.46	95	55	77	6	186	3,530	110
Huntington	0.00	23.22	3.66	1.39	0.61	96	53	74	6	168	3,334	218
Jackson	0.00	24.29	1.18	0.87	-2.26	98	61	80	12	212	3,629	674
Lexington	0.00	21.98	1.74	-0.56	-1.51	100	57	81	13	216	3,786	626
London	0.00	26.93	2.72	5.32	-0.41	95	56	78	10	198	3,602	488
Louisville	0.00	23.05	2.09	1.11	-0.97	99	63	83	14	230	4,150	786
Mayfield	0.00	25.73	4.90	2.00	1.31	92	61	77	6	187	3,652	226
Nashville	0.01	23.22	1.23	1.27	-1.93	99	65	83	14	234	4,310	699
Nolin Lake	0.00	28.26	4.40	3.42	0.72	99	56	78	9	197	3,754	625
Paducah	0.00	33.26	3.73	9.88	0.48	96	62	80	9	208	3,955	473
Princeton	0.00	23.87	3.74	0.30	0.39	94	61	78	7	196	3,612	130
Quicksand	0.00	22.70	0.98	-0.72	-2.46	97	52	77	9	190	3,496	541
Somerset	0.00	25.94	2.52	1.47	-1.12	96	50	76	8	180	3,288	138
Spindletop	0.00	21.28	1.74	-1.26	-1.51	101	58	80	12	212	3,745	585
Williamstown	0.03	26.70	2.48	4.52	-0.68	94	56	76	8	183	3,279	185

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