



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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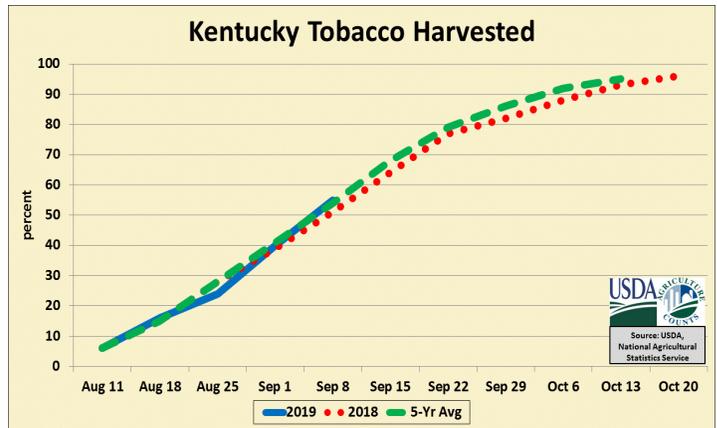
Issue: 26-19

Agricultural News: Kentucky experienced near normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.01 inches, 0.76 inches below normal. Temperatures averaged 73 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 13 percent very short, 48 percent short, 38 percent adequate and 1 percent surplus. **Subsoil moisture** was rated 11 percent very short, 44 percent short, 44 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.7 out of a possible seven.

Primary activities for this week included harvesting corn and soybeans along with topping and cutting tobacco. Temperatures were near normal with virtually no precipitation across the state. Most areas are beginning to get dry again causing stress on pastures, hay fields, and late planted crops. Some cattle producers are feeding hay early fueling fears of a shortage this winter. Corn harvest is underway with soybean harvest just beginning. Due to a very wet planting season, there is a great deal of geographic variance in crop stages and yields.

SOIL MOISTURE for week ending 09/08/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	13	48	38	1
Subsoil	11	44	44	1



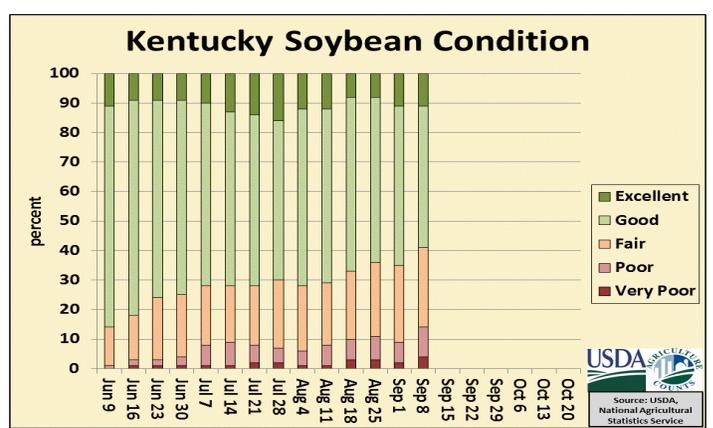
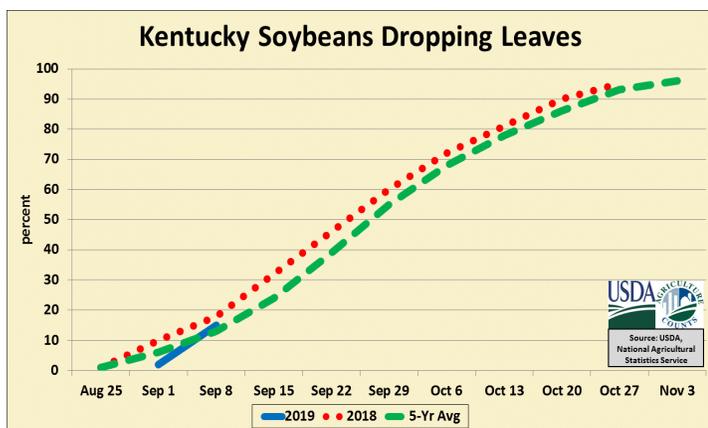
CROP PROGRESS for week ending 09/08/19

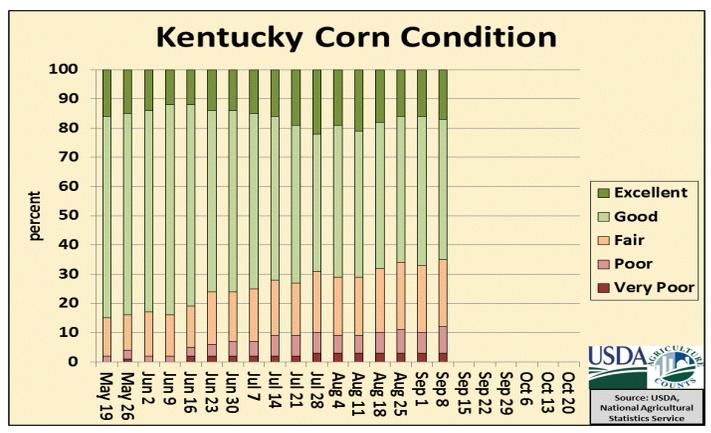
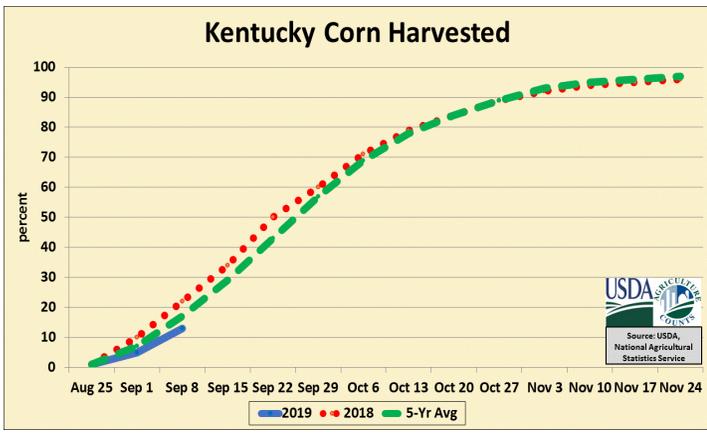
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	93	83	96	95
Corn Dent	85	70	89	86
Corn Mature	59	40	72	62
Corn Harvested	13	5	22	17
Soybeans Setting Pods	87	80	93	91
Soybeans Coloring	32	22	43	37
Soybeans Dropping Leaves	15	2	18	13
Soybeans Harvested	1	-	2	1
Tobacco Topped	89	82	91	92
Tobacco Cut	55	40	51	54

- Represents zero.

CROP CONDITIONS for week ending 09/08/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	9	23	48	17
Pasture	10	19	36	33	2
Soybeans	4	10	27	48	11
Tobacco Set	2	16	34	42	6
Tobacco Housed	2	6	24	62	6





**Kentucky Climate Summary
For the Period September 2, 2019 to September 8, 2019**

Near Normal Temperatures and Much Below Normal Rainfall:

Looking at total accumulations, this is one of the driest weeks the state has seen in quite some time. The state only averaged one hundredth of an inch with most not seeing anything for the week. The last time Kentucky averaged under a tenth of an inch was back in early February. The dry conditions broke a two week stretch of above normal rainfall. Saying all this, September and October are climatologically, our two driest months of the year. Two cold fronts did move through the area on Wednesday and Friday but were starved of moisture. Noticeably cooler and less humid air moved into the area behind the departing boundaries, especially the latter. Highs over the weekend were below normal for this time of year with temperatures in the upper 70s to middle 80s and much more comfortable humidity.

Temperatures for the period averaged 73 degrees across the state which was near normal and no change to the previous period. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 95 degrees at POPLAR BLUFF ASOS and the extreme low was 49 degrees at RICHMOND 8E.

Precipitation (liq. equ.) for the period totaled 0.01 inches statewide which was 0.76 inches below normal and 1% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.04 inches and East 0.01 inches, which was 0.72, 0.85, 0.69 and 0.78 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 0.49 inches at CINCINNATI.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/08/19 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	4.46	2.61	1.07	90	55	74	4	164	3,374	252
Berea	0.00	24.24	2.91	1.74	-0.73	90	49	71	1	148	3,198	10
Bowling Green	0.00	25.16	4.18	2.49	0.92	94	60	77	7	189	3,824	580
Bristol	0.00	23.08	4.04	3.98	1.13	90	56	74	4	171	3,386	410
Buckhorn Lake	0.00	22.49	2.25	1.01	-1.08	87	54	72	2	154	3,238	404
Cape Girardeau	0.00	30.02	1.35	8.95	-1.85	93	59	75	3	177	3,678	300
Campbellsville	0.00	21.83	2.74	-3.44	-1.45	89	53	72	2	150	3,208	45
Covington	0.49	26.30	2.98	6.07	0.05	86	54	72	2	157	3,296	370
Cumberland Gap	0.00	28.96	3.01	5.39	-0.60	78	53	66	-4	112	2,074	-879
Dix Dam	0.00	22.58	1.32	0.18	-2.11	90	51	72	2	153	3,326	206
Evansville	0.01	27.35	5.17	7.15	2.37	91	57	74	2	166	3,497	275
Glasgow	0.00	24.32	2.22	-0.27	-1.42	91	56	73	3	161	3,395	245
Grayson	0.00	24.90	3.53	3.83	0.38	90	54	73	3	164	3,348	554
Hardinsburg	0.00	28.14	1.72	5.65	-1.69	89	53	72	2	151	3,332	75
Henderson	0.00	21.47	2.18	0.69	-0.79	91	54	72	0	151	3,344	62
Huntington	0.00	23.22	5.40	2.04	2.11	88	55	72	2	152	3,166	175
Jackson	0.00	24.29	1.24	1.69	-2.29	92	55	74	4	170	3,418	584
Lexington	0.00	21.98	2.15	0.19	-1.24	92	54	75	5	172	3,570	539
London	0.00	26.93	2.72	6.13	-0.34	91	56	74	4	168	3,404	416
Louisville	0.00	23.05	2.68	1.85	-0.45	93	60	77	7	188	3,921	693
Mayfield	0.00	25.73	4.90	2.92	1.37	92	56	73	1	164	3,466	181
Nashville	0.00	23.21	2.69	2.05	-0.45	97	63	79	9	203	4,076	613
Nolin Lake	0.00	28.26	4.64	4.40	1.10	93	55	74	4	168	3,557	557
Paducah	0.00	33.26	3.73	10.75	0.59	93	57	76	4	180	3,748	406
Princeton	0.00	23.87	3.74	1.07	0.26	91	57	74	2	165	3,416	77
Quicksand	0.00	22.70	1.12	0.10	-2.41	90	57	73	3	163	3,306	472
Somerset	0.00	25.94	2.52	2.40	-1.08	89	49	70	0	144	3,108	84
Spindletop	0.00	21.28	2.25	-0.51	-1.14	92	51	73	3	162	3,532	501
Williamstown	0.00	26.67	2.99	5.23	-0.27	86	52	71	1	144	3,096	129

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