



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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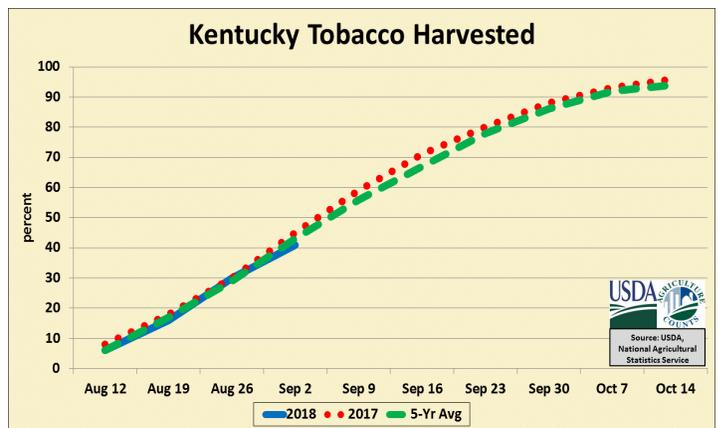
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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.67 inches, 0.07 inches below normal. Temperatures averaged 79 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 5 percent very short, 19 percent short, 71 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 5 percent very short, 21 percent short, 68 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

Primary activities this week included harvesting corn and hay, topping and cutting tobacco, and preparing equipment for upcoming harvests. Dry weather has helped in drying down corn, but needed rainfall in western and central counties would improve pastures, hay, and soybeans to fend off early signs of drought stress.

SOIL MOISTURE for week ending 09/02/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	5	19	71	5
Subsoil	5	21	68	6



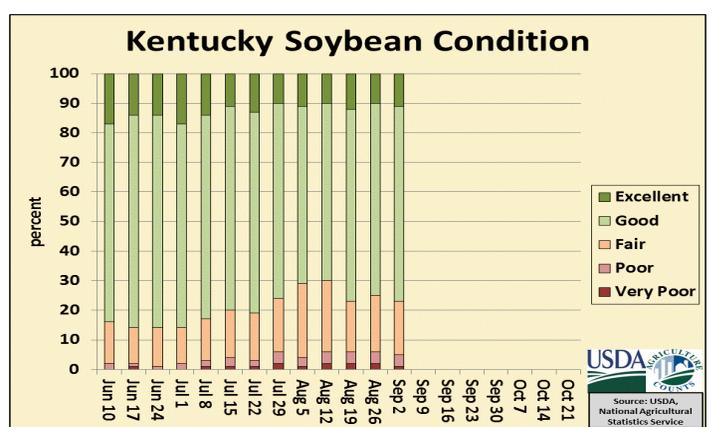
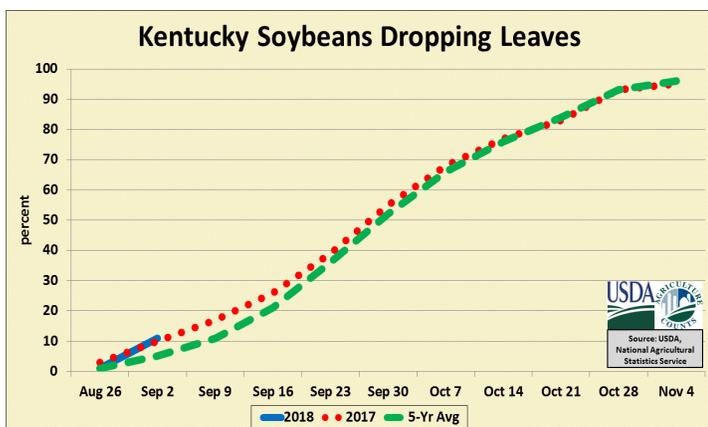
CROP PROGRESS for week ending 09/02/18

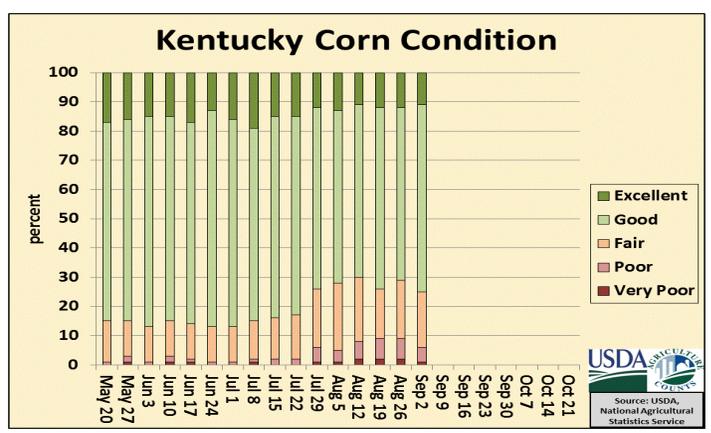
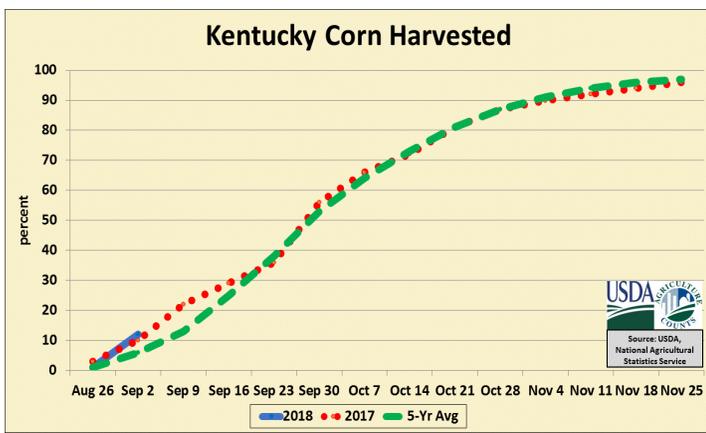
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	93	88	91	89
Corn Dent	82	71	80	75
Corn Mature	59	47	50	41
Corn Harvested	12	1	10	6
Soybeans Setting Pods	90	83	85	84
Soybeans Coloring	33	21	27	-
Soybeans Dropping Leaves	11	1	10	5
Tobacco Blooming	94	90	95	-
Tobacco Topped	84	77	87	86
Tobacco Cut	41	30	45	43

CROP CONDITIONS for week ending 09/02/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	5	19	64	11
Hay Harvested Quality	1	6	25	57	11
Livestock	1	3	16	70	10
Pasture	2	6	22	57	13
Soybeans	1	4	18	66	11
Tobacco Set	2	6	21	59	12

- Represents when data is not available.





**Kentucky Climate Summary
For the Period August 27, 2018 to September 2, 2018**

Above Normal Temperatures and Below Normal Rainfall:

It may be the first week of September, but Kentucky saw some of the hottest temperatures of the year over the period. The state average maximum temperature of 89 degrees for the week was only equaled one other time this year in early July. The majority of Kentucky saw peak temperatures in the low to middle 90s at some point. Normal high temperatures for early September run in the middle 80s. Combined with no relief from the muggy conditions, heat indices continued to run close to 100 at times. Rainfall remained isolated to scattered throughout most of the week, keeping some areas dry, while others saw torrential rainfall. Central Kentucky and points east were around normal for the week, but Western Kentucky missed much of the activity and only averaged 0.44 inches.

Temperatures for the period averaged 79 degrees across the state which was 5 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 90 in the West to 88 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 70 degrees in the West to 68 degrees in the East. Departure from normal low temperatures ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 98 degrees at MADISONVILLE 4S and the extreme low was 63 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 0.67 inches statewide which was 0.07 inches below normal and 91% of normal. Precipitation totals by climate division, West 0.44 inches, Central 0.73 inches, Bluegrass 0.67 inches and East 0.83 inches, which was -0.23, -0.06, -0.06 and 0.06 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at EVANSVILLE ASOS to a high of 3.33 inches at HICKMAN 2E.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/02/18 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	1.03	24.71	5.40	3.56	1.89	92	64	78	6	199	3,252	242
Berea	1.25	32.00	5.04	10.30	1.43	90	64	77	6	190	3,044	-28
Bowling Green	0.93	17.16	3.75	-4.77	0.56	94	70	82	10	222	3,737	610
Bristol	0.00	22.04	2.60	3.59	0.04	93	64	78	7	194	3,144	277
Buckhorn Lake	1.57	22.26	4.11	1.52	0.80	88	67	77	6	192	3,124	393
Cape Girardeau	0.30	22.41	2.78	2.05	-0.39	91	64	79	5	206	3,612	352
Campbellsville	0.63	20.81	4.42	-3.53	0.28	89	67	78	6	193	3,137	90
Covington	0.63	22.67	8.27	3.02	5.27	91	68	79	8	205	3,286	466
Cumberland Gap	0.19	26.88	6.00	3.92	2.16	89	65	77	6	192	3,152	308
Dix Dam	0.37	27.09	4.48	5.37	0.98	91	68	80	9	208	3,216	212
Evansville	0.00	23.38	0.95	3.77	-1.86	95	69	81	7	218	3,534	427
Glasgow	0.16	23.52	5.06	-0.29	1.42	91	69	80	8	207	3,362	328
Grayson	0.57	32.12	3.49	11.60	0.16	89	65	77	6	186	3,036	344
Hardinsburg	1.49	24.59	5.16	2.83	1.75	92	68	79	7	205	3,399	262
Henderson	0.02	16.15	0.72	-3.94	-2.17	95	68	80	6	211	3,537	374
Huntington	0.92	23.55	5.98	2.93	2.49	91	66	79	8	202	3,220	336
Jackson	1.95	25.91	5.27	4.02	1.67	90	68	79	8	204	3,284	553
Lexington	0.95	26.38	4.90	5.23	1.39	91	68	80	9	210	3,358	436
London	0.72	26.38	1.66	6.28	-1.35	90	66	78	7	199	3,231	350
Louisville	1.34	27.06	6.29	6.49	3.11	93	72	83	11	228	3,784	673
Mayfield	0.84	20.48	3.27	-1.53	-0.21	94	68	81	7	214	3,576	412
Nashville	0.34	15.68	3.55	-4.80	0.42	95	72	83	11	232	3,717	382
Nolin Lake	1.24	22.00	4.58	-1.01	1.15	95	67	80	8	212	3,484	594
Paducah	0.06	20.80	1.53	-0.98	-1.52	94	70	82	8	225	3,756	533
Princeton	0.53	22.65	2.42	0.52	-1.17	92	69	80	6	210	3,490	273
Quicksand	0.31	23.71	3.33	1.82	-0.27	90	67	78	7	200	3,172	441
Somerset	1.19	29.64	4.39	6.90	0.84	89	66	77	6	190	3,118	203
Spindletop	2.25	33.74	7.24	12.59	3.73	93	68	81	10	218	3,372	450
Williamstown	0.93	28.15	5.40	7.35	2.06	90	65	78	7	196	3,060	203

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