



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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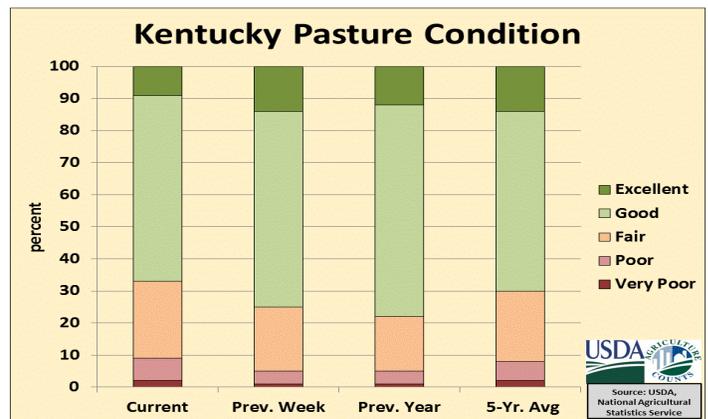
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.41 inches, 0.58 inches below normal. Temperatures averaged 78 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 3 percent very short, 32 percent short, 60 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 2 percent very short, 24 percent short, 70 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 6.4 out of a possible seven.

Primary activities this week included spraying soybeans, applying fungicides to corn, baling hay, and scouting fields. The high temperatures and limited rainfall have continued to show effects of stress on crops and pastures. Scattered showers during the week varied the impacts of moisture stress throughout the state. The dry weather did allow farmers to catch up on fieldwork. Depleted pastures had some cattle producers feeding hay and supplementing.

Farmers continue to monitor tobacco fields for disease; some incidences of black shank have been reported.

SOIL MOISTURE for week ending 07/15/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	32	60	5
Subsoil	2	24	70	4



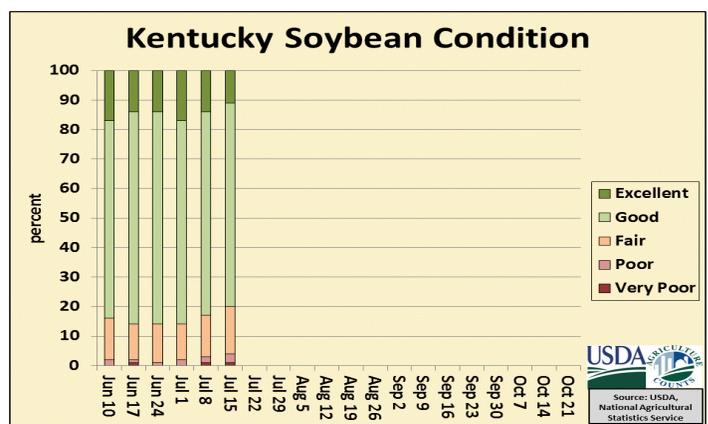
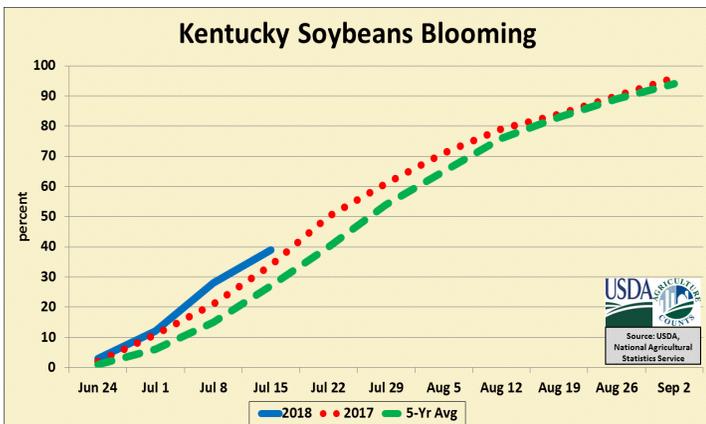
CROP PROGRESS for week ending 07/15/18

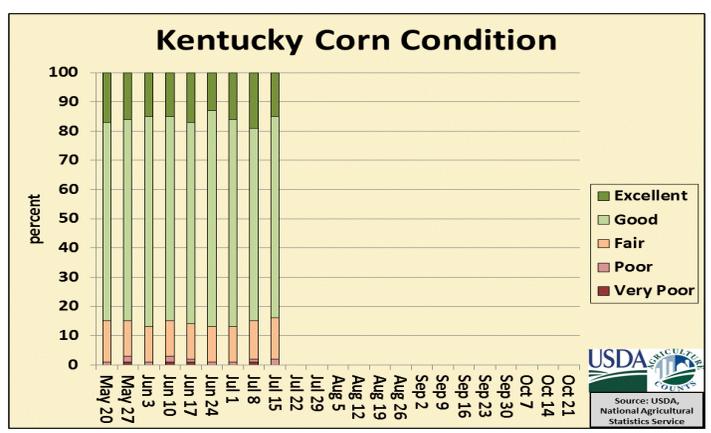
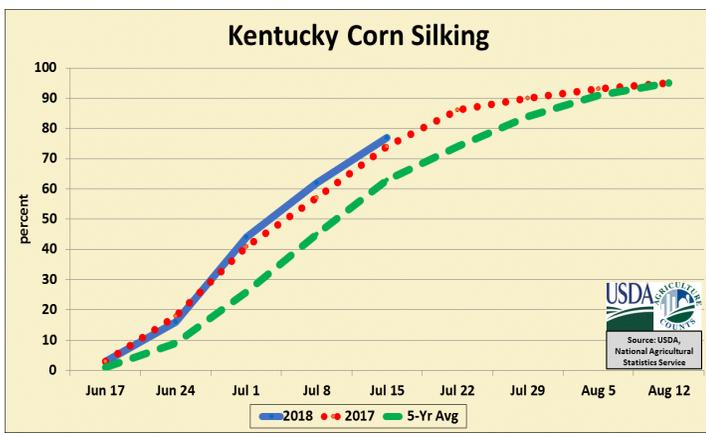
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	77	62	74	63
Corn Milked	38	22	36	24
Corn Dough	16	3	14	9
Soybeans Blooming	39	28	34	27
Soybeans Setting Pods	17	3	14	7
Tobacco Blooming	33	16	32	25
Tobacco Topped	12	2	11	8

CROP CONDITIONS for week ending 07/15/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	2	14	69	15
Pasture	2	7	24	58	9
Soybeans	1	3	16	69	11
Tobacco Set	2	5	18	66	9

- Represents zero.





**Kentucky Climate Summary
For the Period July 9, 2018 to July 15, 2018**

Above Normal Temperatures and Below Normal Rainfall:

The second week straight in July with dry conditions was unlike the very wet first-half of the year for the Bluegrass State. Several counties in the west did a little bit better on the rain than the remainder of the state, pushing the western climate division above normal for rainfall. The west also had more of the heat and humidity than the remainder of the state but a couple of slightly cooler days occurred at mid-week. Yet, the trend of warmer than normal temperatures continued for the week and for the past 11 weeks.

Temperatures for the period averaged 78 degrees across the state which was 1 degree warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 90 in the West to 88 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 70 degrees in the West to 66 degrees in the East. Departure from normal low temperatures ranged from 2 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 98 degrees at PADUCAH ASOS and the extreme low was 57 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 0.41 inches statewide which was 0.58 inches below normal and 41% of normal. Precipitation totals by climate division, West 1.10 inches, Central 0.28 inches, Bluegrass 0.08 inches and East 0.16 inches, which was 0.12, -0.72, -0.90 and -0.85 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 2.52 inches at CADIZ 4SW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/15/18 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	0.22	15.81	5.22	1.38	1.21	92	62	78	2	194	2,016	180
Berea	0.01	19.98	5.31	4.82	1.46	88	59	76	1	179	1,878	-3
Bowling Green	0.13	11.62	3.03	-4.10	-1.07	95	65	81	5	220	2,314	409
Bristol	0.00	8.37	1.20	-4.46	-2.42	93	57	77	2	186	1,926	198
Buckhorn Lake	0.10	15.25	5.12	0.90	0.98	89	59	76	1	184	1,954	294
Cape Girardeau	1.00	18.86	8.29	4.06	5.07	97	71	83	5	232	2,270	267
Campbellsville	0.01	15.97	5.24	-0.72	0.84	89	60	76	0	182	1,924	67
Covington	0.03	10.90	2.49	-3.02	-1.23	94	64	80	5	208	2,028	350
Cumberland Gap	0.36	15.78	5.36	0.08	0.96	90	61	77	2	190	1,940	222
Dix Dam	0.02	18.77	3.37	3.74	-0.62	90	60	77	2	190	1,972	151
Evansville	0.52	19.71	5.94	5.50	2.47	95	66	80	2	210	2,193	301
Glasgow	0.25	15.08	5.35	-1.70	0.79	90	62	78	2	194	2,084	249
Grayson	0.11	20.81	4.98	6.73	0.96	90	60	76	1	182	1,866	266
Hardinsburg	0.32	15.68	5.15	0.40	1.20	93	62	79	3	201	2,112	191
Henderson	0.26	14.53	4.57	-0.05	0.95	95	64	79	1	203	2,234	290
Huntington	0.00	12.49	4.03	-1.46	0.04	92	62	78	3	196	1,982	244
Jackson	0.36	16.37	5.02	1.43	0.82	89	64	78	3	195	2,046	386
Lexington	0.14	16.41	3.08	1.98	-0.93	93	63	79	4	201	2,082	331
London	0.20	18.97	6.49	4.87	2.62	90	63	78	3	194	1,992	245
Louisville	0.37	15.96	4.65	1.47	0.97	95	68	82	6	224	2,363	489
Mayfield	0.79	16.80	5.91	1.20	2.28	93	68	80	2	211	2,212	247
Nashville	0.00	10.84	1.31	-3.90	-2.16	96	66	80	4	206	2,322	275
Nolin Lake	0.16	14.60	4.91	-1.77	0.77	95	63	80	4	210	2,160	405
Paducah	1.11	18.59	4.48	2.56	0.70	98	69	83	5	228	2,352	377
Princeton	1.99	19.39	8.30	3.70	4.56	94	64	79	1	204	2,184	205
Quicksand	0.00	16.30	5.92	1.36	1.72	89	62	77	2	188	1,932	272
Somerset	0.81	21.85	9.20	5.82	5.00	88	61	76	1	179	1,928	149
Spindletop	0.14	22.51	7.26	8.08	3.25	93	64	78	3	198	2,068	317
Williamstown	0.03	18.26	5.44	3.74	1.61	88	60	76	1	182	1,884	167

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