



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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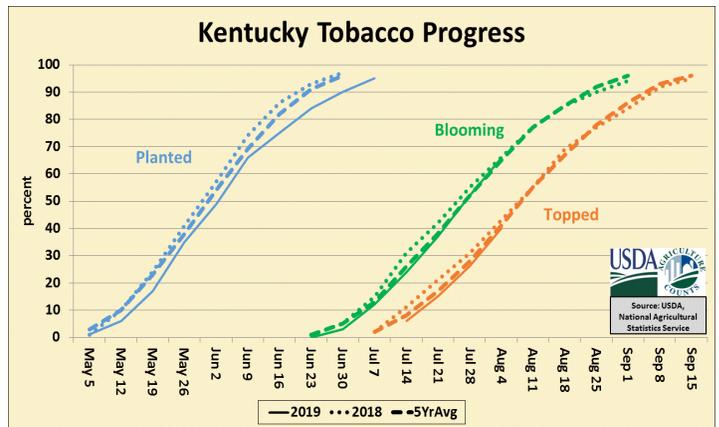
Issue: 21-19

Agricultural News: Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.67 inches, 0.30 inches below normal. Temperatures averaged 76 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 3 percent very short, 21 percent short, 70 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 2 percent very short, 20 percent short, 73 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 6.2 out of a possible seven.

Primary activities for this week included cutting hay, topping tobacco, and spraying field crops. Pockets of the state are dealing with a recent dry spell that, if prolonged, could be detrimental to pastureland and field crops. The dry conditions coupled with hot temperatures has slowed pasture growth and is beginning to stress crops in some areas. A few counties experienced heavy rain, however flooding was not widespread.

SOIL MOISTURE for week ending 08/04/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	21	70	6
Subsoil	2	20	73	5



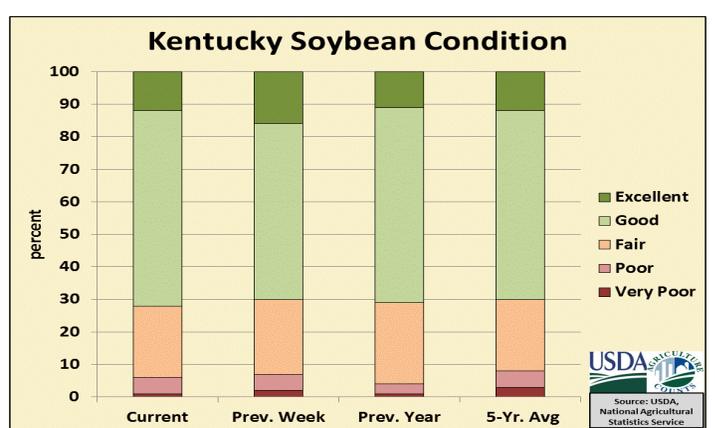
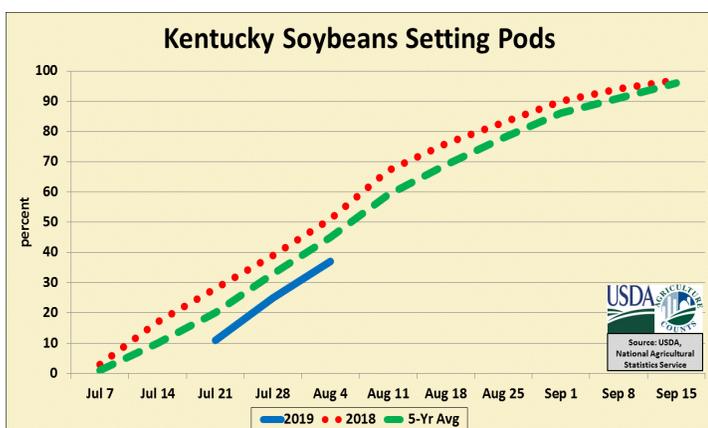
CROP PROGRESS for week ending 08/04/19

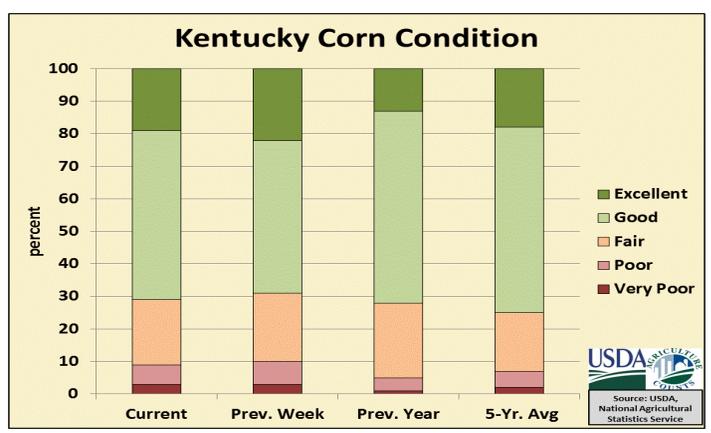
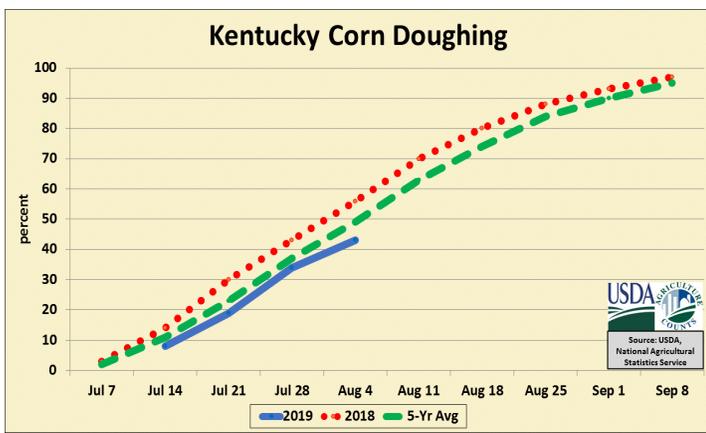
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	86	79	94	93
Corn Milked	61	50	76	70
Corn Dough	43	34	56	49
Corn Dent	20	10	30	24
Soybeans Blooming	62	51	74	69
Soybeans Setting Pods	37	25	51	45
Soybeans Coloring	1	-	-1	-1
Tobacco Blooming	66	52	66	65
Tobacco Topped	40	26	43	41

CROP CONDITIONS for week ending 08/04/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	6	20	52	19
Pasture	2	9	24	57	8
Soybeans	1	5	22	60	12
Tobacco Set	2	10	30	50	8

-1 Represents not available.
- Represents zero.





**Kentucky Climate Summary
For the Period July 29, 2019 to August 4, 2019**

Near Normal Temperatures and Below Normal Rainfall:

Overall, the state averaged 0.67 inches for the week, which is about a third of an inch below normal. Coverage was more of the hit or miss variety, with isolated to scattered showers and storms in place most of the week. While some areas saw very little, others that got caught underneath slow-moving cells saw more than 1.5 inches. Portions of North-Central Kentucky have trended to the drier side over the past two weeks with rainfall departure of 1 to 2 inches below normal. Temperatures ran around normal for the period with highs consistently getting into the middle 80s to low 90s.

Temperatures for the period averaged 76 degrees across the state which was near normal and 4 degrees warmer than the previous period. High temperatures averaged from 87 in the West to 86 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 65 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 92 degrees at BOWLING GREEN APT and the extreme low was 58 degrees at MAYSVILLE 3SW.

Precipitation (liq. equ.) for the period totaled 0.67 inches statewide which was 0.3 inches below normal and 69% of normal. Precipitation totals by climate division, West 0.71 inches, Central 0.54 inches, Bluegrass 0.91 inches and East 0.53 inches, which was 0.22, 0.41, 0.05 and 0.51 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at EDMONTON 5W to a high of 2.89 inches at COLUMBIA 3N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/04/19 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	0.05	19.94	1.64	2.42	-2.74	89	64	77	1	188	2,484	156
Berea	0.13	21.33	4.01	3.38	0.07	88	62	75	0	172	2,350	-28
Bowling Green	1.31	20.53	2.48	1.91	-1.64	92	68	80	4	211	2,816	397
Bristol	0.03	19.01	2.35	3.54	-1.40	90	62	76	1	185	2,506	304
Buckhorn Lake	0.37	20.12	2.57	2.80	-1.65	87	61	74	-1	169	2,398	291
Cape Girardeau	1.33	28.10	7.12	11.02	3.93	91	61	78	0	195	2,704	167
Campbellsville	0.35	19.09	4.11	-0.96	-0.64	87	63	75	-1	176	2,374	18
Covington	0.18	22.02	2.39	5.48	-1.32	90	64	78	3	192	2,424	263
Cumberland Gap	0.34	25.95	2.55	6.97	-2.09	75	58	66	-9	116	1,482	-703
Dix Dam	1.48	21.26	5.14	3.17	0.80	87	63	76	1	180	2,458	142
Evansville	1.25	22.15	3.26	5.45	-0.27	90	62	78	0	192	2,580	171
Glasgow	0.59	21.78	2.37	1.74	-2.26	88	65	76	0	185	2,518	181
Grayson	0.03	21.04	5.03	3.97	0.78	91	64	77	2	188	2,470	420
Hardinsburg	0.20	26.27	1.41	8.04	-2.77	88	64	76	0	186	2,488	56
Henderson	0.37	18.28	2.09	1.18	-1.49	88	60	75	-3	174	2,493	34
Huntington	0.28	17.07	2.89	0.07	-1.44	91	60	75	0	178	2,348	129
Jackson	0.18	23.04	4.12	4.87	-0.46	88	63	76	1	183	2,518	411
Lexington	0.66	19.83	2.69	2.31	-1.69	91	65	78	3	197	2,616	373
London	0.00	24.21	2.34	7.22	-1.77	88	64	76	1	186	2,515	293
Louisville	0.32	20.37	0.67	3.09	-3.28	94	69	81	5	220	2,902	508
Mayfield	0.07	20.82	5.35	2.41	1.38	89	60	75	-3	176	2,579	114
Nashville	2.08	19.92	5.35	2.68	1.83	92	69	81	5	215	3,019	435
Nolin Lake	0.49	23.57	2.73	4.11	-1.66	92	45	75	-1	176	2,658	429
Paducah	0.19	29.53	5.38	10.91	1.71	90	61	78	0	195	2,756	253
Princeton	1.82	19.27	3.98	0.85	0.14	88	64	76	-2	181	2,526	29
Quicksand	0.60	21.13	4.56	2.96	-0.02	89	64	76	1	184	2,432	325
Somerset	0.36	23.42	4.00	4.36	-0.29	86	60	73	-2	161	2,312	57
Spindletop	0.65	18.68	2.74	1.16	-1.64	91	65	78	3	194	2,608	365
Williamstown	1.54	23.66	4.06	6.32	0.07	87	61	74	-1	170	2,278	81

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