



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.18 inches, 0.06 inches above normal. Temperatures averaged 73 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 9 percent short, 78 percent adequate, and 13 percent surplus. **Subsoil moisture** was rated 8 percent short, 83 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 4.4 out of a possible seven.

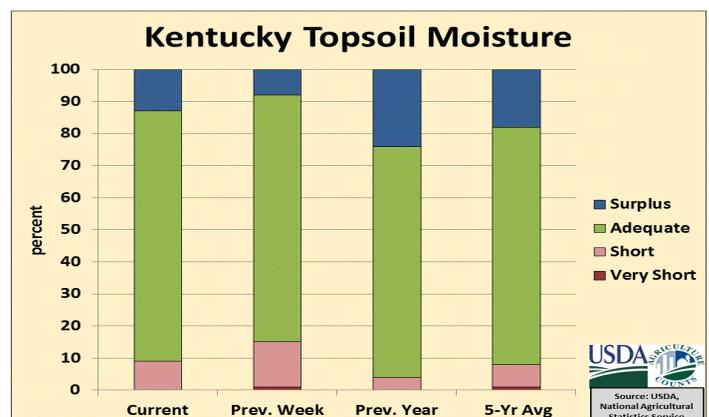
Primary activities for this week included planting corn and soybeans, tobacco setting, and cutting hay when weather permitted. Fieldwork was interrupted at times by heavy rain, which in some cases led to standing water in low lying areas. Despite the adverse conditions, farmers were able to make planting progress. Tobacco, corn, and soybeans are all behind both last year and the five year average at this point in the season. The average height of corn was 12 inches, compared to 9 inches last week.

Pastures remain in mostly good condition at this time. Farmers have had difficulty finding a window to cut hay due to the persistent precipitation.

SOIL MOISTURE for week ending 06/02/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	9	78	13
Subsoil	-	8	83	9

- Represents zero.



CROP PROGRESS for week ending 06/02/19

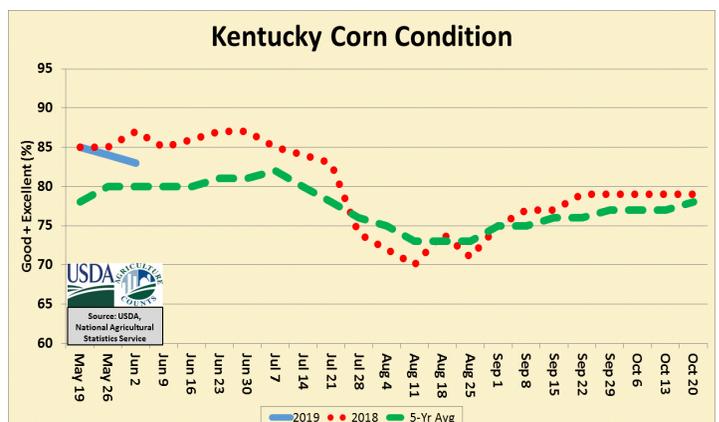
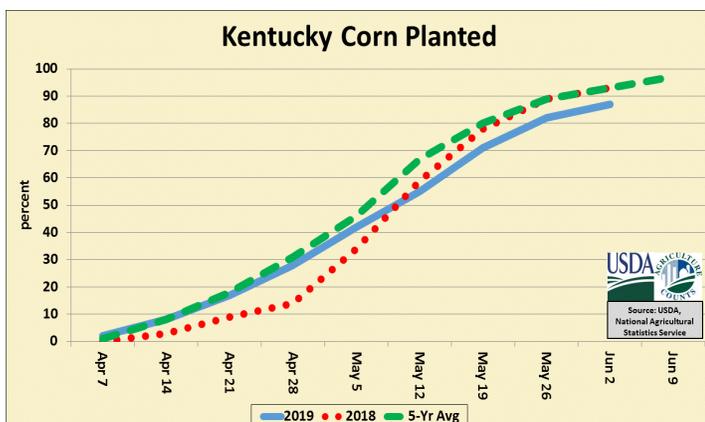
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	87	82	93	93
Corn Emerged	74	65	79	81
Soybeans Planted	49	38	64	53
Soybeans Emerged	29	17	46	34
Tobacco Set	49	35	57	54
Winter Wheat Headed	98	94	95	-1
Winter Wheat Coloring	75	-1	-1	-1

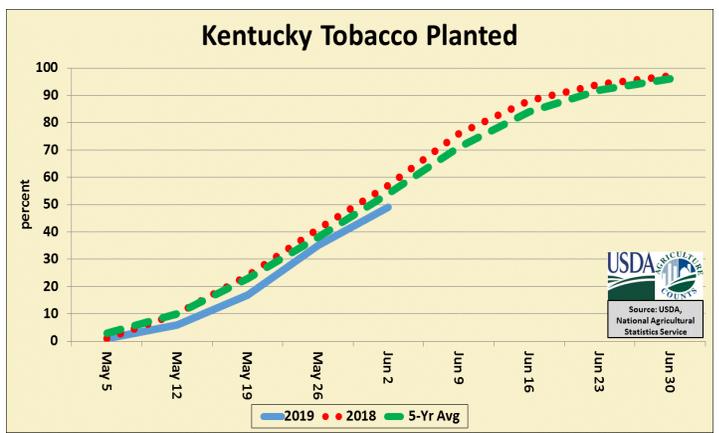
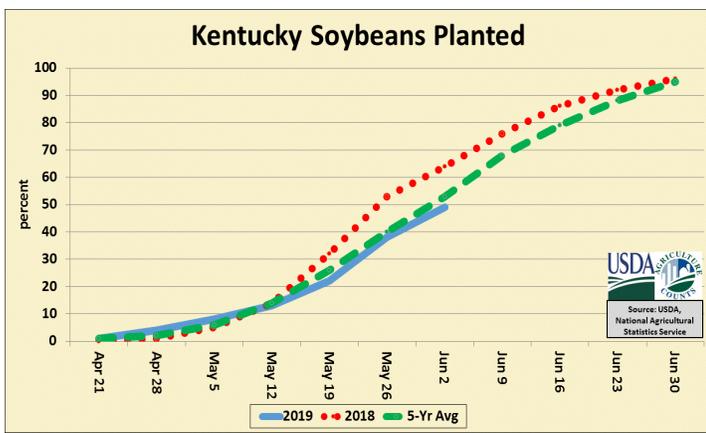
-1 Represents not available.

CROP CONDITIONS for week ending 06/02/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	2	15	69	14
Pasture	2	7	19	64	8
Tobacco Set	1	3	14	77	5
Wheat	1	4	19	56	20

- Represents zero.





**Kentucky Climate Summary
For the Period May 27, 2019 to June 2, 2019**

Above Normal Temperatures and Rainfall:

Kentucky broke a three-week streak of below normal rainfall as the state averaged 1.18 inches for the period. While conditions were mostly dry on Memorial Day and Tuesday, rain coverage increased over the second half of the workweek. A combination of surface boundaries and unstable atmosphere sparked showers and storms on a daily basis with some storms becoming strong to severe at times. While the state averaged 1.18 inches, that number increased to 1.76 across Western Kentucky. Some saw 3+ inches. The rain came as some areas of the state were starting to get fairly dry. The US Drought Monitor even introduced ‘Abnormally Dry’ conditions to portions of Central and Eastern Kentucky with the latest update on May 30th.

Temperatures for the period averaged 73 degrees across the state which was 4 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 83 in the West to 82 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 66 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at BOWLING GREEN APT and the extreme low was 53 degrees at HINDMAN 5N.

Precipitation (liq. equ.) for the period totaled 1.18 inches statewide which was 0.06 inches above normal and 105% of normal. Precipitation totals by climate division, West 1.76 inches, Central 0.88 inches, Bluegrass 1.11 inches and East 0.97 inches, which was 0.66, -0.28, 0.02 and -0.16 inches respectively from normal. By station, precipitation totals ranged from a low of 0.12 inches at MIDDLESBORO AWOS to a high of 3.56 inches at BENTON 4N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/02/19 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
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>				
Bardstown	0.92	8.96	2.24	0.37	-1.75	88	63	74	4	166	916	72
Berea	2.52	8.79	3.53	-0.54	-0.77	88	54	71	2	150	857	-21
Bowling Green	0.96	7.94	1.34	-1.60	-3.08	91	60	77	7	188	1,056	187
Bristol	0.16	7.96	2.17	0.52	-1.34	90	55	74	5	166	952	170
Buckhorn Lake	1.23	8.15	2.82	0.01	-0.90	84	53	72	3	154	937	161
Cape Girardeau	2.45	15.71	7.35	5.86	2.77	91	58	76	4	180	952	36
Campbellsville	0.44	7.01	1.42	-3.20	-3.21	87	54	72	2	154	852	-17
Covington	0.63	10.25	3.78	1.96	-0.07	87	58	73	4	158	816	90
Cumberland Gap	1.71	12.75	4.44	3.58	0.12	74	51	64	-5	96	516	-280
Dix Dam	0.84	6.71	1.94	-2.49	-2.28	85	57	72	3	156	907	81
Evansville	1.54	11.16	3.88	2.16	-0.34	88	58	74	2	166	902	57
Glasgow	0.27	7.07	0.68	-2.85	-3.87	88	57	74	4	166	932	114
Grayson	2.57	8.62	3.82	0.47	-0.01	89	57	72	3	156	900	177
Hardinsburg	1.48	13.15	3.79	3.72	-0.55	87	59	73	3	162	906	27
Henderson	0.98	10.09	2.20	1.03	-1.87	89	61	74	2	168	905	11
Huntington	0.56	8.62	4.02	0.51	0.20	87	58	72	3	154	859	71
Jackson	1.01	7.80	2.80	-1.03	-1.21	87	56	72	3	155	982	206
Lexington	1.58	8.76	3.29	0.17	-0.70	88	56	73	4	164	960	190
London	0.17	8.20	1.81	-0.22	-2.00	88	54	74	5	164	941	138
Louisville	1.31	11.23	2.62	2.15	-1.49	90	64	76	6	183	1,069	232
Mayfield	3.37	11.76	5.74	1.48	1.31	91	59	75	3	175	942	11
Nashville	0.01	7.87	0.90	-1.62	-3.43	94	63	80	10	208	1,164	202
Nolin Lake	0.26	6.94	0.90	-3.33	-3.96	92	62	75	5	173	1,016	204
Paducah	3.42	16.71	6.66	6.49	2.25	90	60	76	4	178	992	91
Princeton	3.18	10.12	4.51	0.10	0.09	89	60	74	2	168	919	-6
Quicksand	1.04	6.46	2.15	-2.37	-1.86	86	57	72	3	154	882	106
Somerset	1.09	10.06	5.52	0.36	0.99	86	56	73	4	158	862	39
Spindletop	1.07	9.25	3.38	0.66	-0.61	88	58	73	4	162	946	176
Williamstown	0.49	11.15	3.15	2.34	-0.80	84	56	71	2	146	810	50

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