



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

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

Released: June 17, 2019

Issue: 14-19

Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.64 inches, 0.38 inches below normal. Temperatures averaged 68 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 3 percent short, 74 percent adequate, and 23 percent surplus. **Subsoil moisture** was rated 5 percent short, 78 percent adequate, and 17 percent surplus. Days suitable for fieldwork averaged 4.4 out of a possible seven.

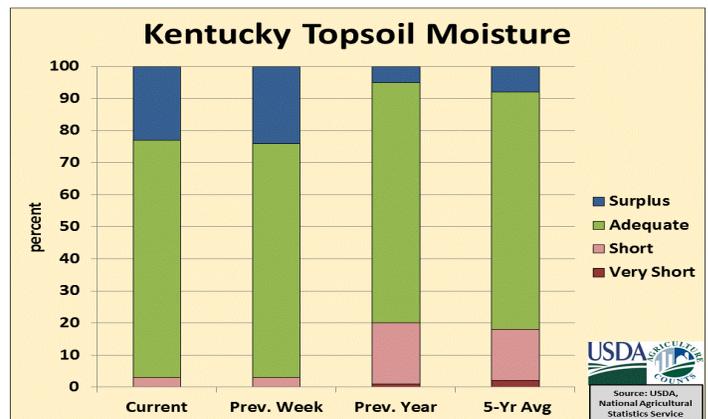
Primary activities for this week included planting soybeans, tobacco setting, cutting hay, harvesting wheat, and planting any remaining corn. Rain was scattered across the state as some producers experienced weather conducive to fieldwork while others continue to battle persistent rain. Showers were heavy in some regions causing concern for planted crops as well as delaying the planting of others. There were multiple reports of standing water in fields and visible crop stress due to excessive precipitation. Many farmers have not been able to harvest hay after a very wet winter that led to a shortage.

Tobacco setting remains behind last year and the five year average with 75 percent in the ground. The average height of tobacco plants was 10 inches, same as last year and just ahead of the five year average. Pasture condition remains in mostly good condition despite the continued rain.

SOIL MOISTURE for week ending 06/16/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	74	23
Subsoil	-	5	78	17

- Represents zero.



CROP PROGRESS for week ending 06/16/19

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	97	94	99	99
Corn Emerged	91	85	95	95
Corn Silking	3	-	3	2
Soybeans Planted	74	61	85	78
Soybeans Emerged	56	44	69	61
Tobacco Set	75	66	86	82
Winter Wheat Coloring	98	92	-1	-1
Winter Wheat Mature	85	48	-1	-1
Winter Wheat Harvested	36	-1	-1	-1

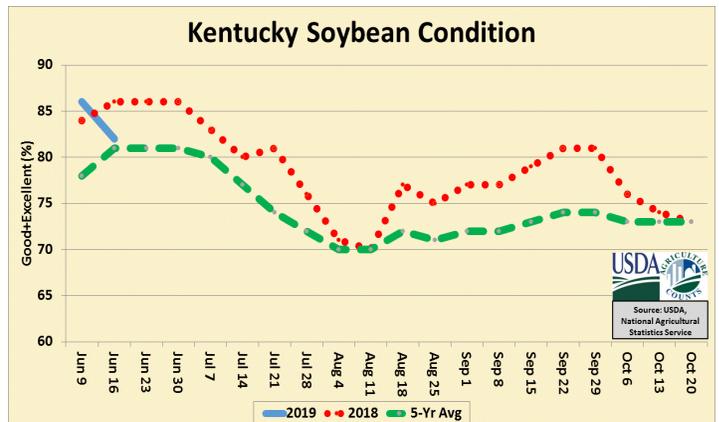
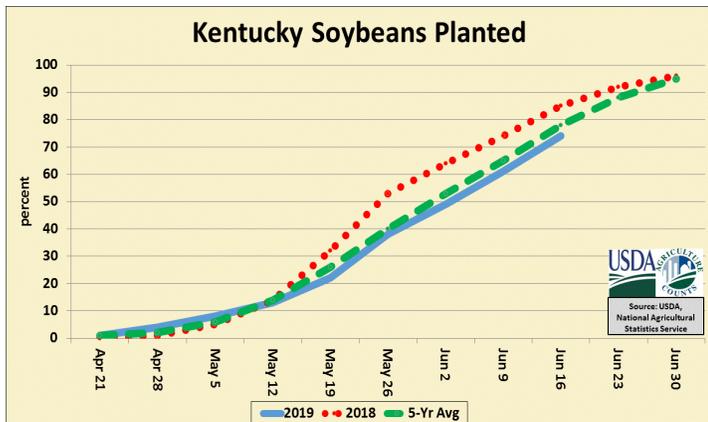
- Represents zero.

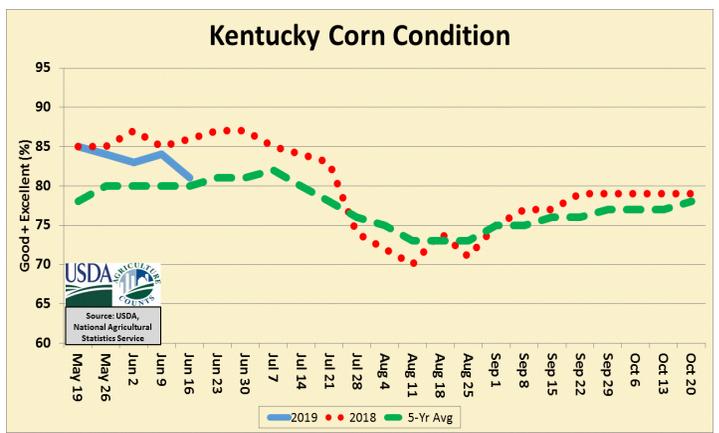
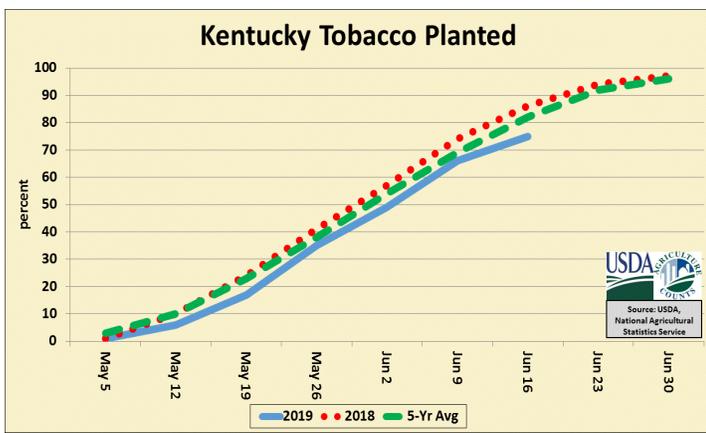
-1 Represents not available.

CROP CONDITIONS for week ending 06/16/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	3	14	69	12
Pasture	1	6	17	67	9
Soybeans	1	2	15	73	9
Tobacco Set	-	2	11	79	8
Wheat	3	7	21	56	13

- Represents zero.





**Kentucky Climate Summary
For the Period June 10, 2019 to June 16, 2019**

Below Normal Temperatures and Rainfall:

Kentucky average rainfall was below normal for the week, but that does not tell the whole story. Western and Central Kentucky each averaged under a quarter inch for the week, well below normal. Accumulations increased farther east and especially north. The Bluegrass area averaged 1.53 inches behind multiple rounds of rainfall, mainly Wednesday and Sunday afternoons/evenings. Temperature-wise, it was a cooler week overall for the Bluegrass State with the weekly state average coming in below normal for this first time since March. The coolest period came Friday morning as clear skies and calm winds sent lows into the middle to upper 40s!

Temperatures for the period averaged 68 degrees across the state which was 4 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 80 in the West to 76 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 60 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 91 degrees at BOWLING GREEN APT and the extreme low was 43 degrees at CAMPBELLSVILLE 7W.

Precipitation (liq. equ.) for the period totaled 0.64 inches statewide which was 0.38 inches below normal and 63% of normal. Precipitation totals by climate division, West 0.18 inches, Central 0.24 inches, Bluegrass 1.53 inches and East 0.61 inches, which was -0.79, -0.79, 0.49 and -0.43 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at BENTON 4N to a high of 3.58 inches at CINCINNATI.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/16/19 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	0.02	12.51	5.21	2.21	1.53	87	44	67	-6	120	1,188	34
Berea	0.70	13.57	7.62	2.39	3.65	86	44	66	-6	109	1,110	-82
Bowling Green	0.10	11.20	4.42	-0.28	0.28	91	50	71	-2	148	1,380	188
Bristol	0.79	13.49	5.73	4.40	2.33	87	46	67	-5	120	1,226	149
Buckhorn Lake	0.30	11.54	4.77	1.47	0.97	85	44	67	-5	119	1,194	145
Cape Girardeau	0.24	17.45	6.90	5.98	3.04	90	51	71	-4	145	1,276	19
Campbellsville	0.05	10.07	4.20	-2.08	-0.03	87	43	66	-7	114	1,117	-57
Covington	3.58	15.04	7.55	4.96	3.85	81	47	67	-5	118	1,079	60
Cumberland Gap	0.75	16.49	5.46	5.33	1.33	73	44	57	-15	49	648	-433
Dix Dam	1.27	10.50	5.15	-0.42	1.36	88	46	67	-5	122	1,176	39
Evansville	0.07	12.53	4.42	1.90	0.72	89	49	70	-5	137	1,208	36
Glasgow	0.11	13.90	7.12	1.84	2.71	88	48	68	-5	126	1,220	84
Grayson	1.31	10.90	4.92	0.96	1.22	86	47	68	-4	124	1,170	177
Hardinsburg	0.57	17.63	6.86	6.43	2.95	89	49	67	-6	122	1,184	-22
Henderson	0.67	12.02	3.61	1.19	-0.17	89	48	68	-7	126	1,198	-26
Huntington	1.01	11.27	3.67	1.44	0.05	83	49	66	-6	114	1,096	15
Jackson	0.64	11.22	4.89	0.60	1.12	87	48	68	-4	126	1,248	199
Lexington	1.05	11.81	5.95	1.51	2.27	88	45	68	-4	126	1,243	169
London	0.75	11.80	3.99	1.69	0.41	89	46	68	-4	128	1,225	130
Louisville	0.47	14.30	5.20	3.60	1.57	91	51	71	-2	150	1,394	235
Mayfield	0.33	12.58	4.44	0.72	0.70	90	49	69	-6	135	1,248	-11
Nashville	0.00	8.87	1.02	-2.28	-2.77	92	52	73	0	161	1,512	210
Nolin Lake	1.21	11.95	5.69	-0.15	1.48	88	47	69	-4	135	1,322	217
Paducah	0.00	18.14	5.58	6.03	1.51	90	50	71	-4	150	1,320	82
Princeton	0.15	10.49	3.60	-1.32	-0.37	89	47	68	-7	126	1,208	-49
Quicksand	0.39	9.44	4.31	-1.18	0.54	89	45	68	-4	123	1,152	103
Somerset	0.34	13.94	5.36	2.26	1.14	87	45	67	-5	118	1,126	5
Spindletop	1.66	12.69	6.17	2.39	2.49	89	45	67	-5	120	1,227	153
Williamstown	2.21	15.38	5.36	4.81	1.64	81	46	65	-7	104	1,050	-7

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