



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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Agricultural News: Kentucky experienced near normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 3.63 inches, 2.61 inches above normal. Temperatures averaged 74 degrees for the week, unchanged from normal. **Topsoil moisture** was 1 percent short, 55 percent adequate, and 44 percent surplus. **Subsoil moisture** was rated 2 percent short, 62 percent adequate, and 36 percent surplus. Days suitable for fieldwork averaged 2.6 out of a possible seven.

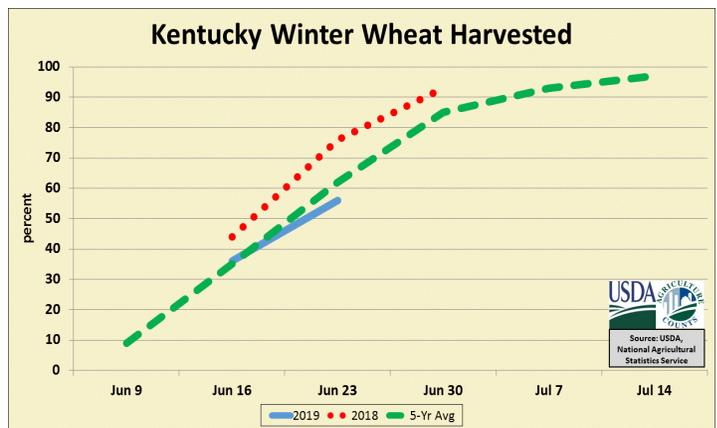
Primary activities for this week included planting soybeans, tobacco setting, cutting hay, and harvesting wheat. Yet another wet week has made it difficult for farmers to complete fieldwork. The ground is saturated in most areas and concerns are beginning to arise about the condition and outlook for crops already planted. Several reporters noted standing water in low lying fields and wash out from the relentless precipitation. The constant moisture could open the door for disease as well. Hay harvest is running behind as farmers fear more rain moving in and some hay fields are of poor quality. The average height of soybeans is 4 inches at this juncture.

Eighty four percent of the tobacco crop is in the ground, behind both last year and the five year average. The crop is in mostly good condition with an average height of 13 inches. Although pastures and hay are in mostly good to fair condition, the ongoing rain may begin to take a toll.

SOIL MOISTURE for week ending 06/23/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	55	44
Subsoil	-	2	62	36

- Represents zero.



CROP PROGRESS for week ending 06/23/19

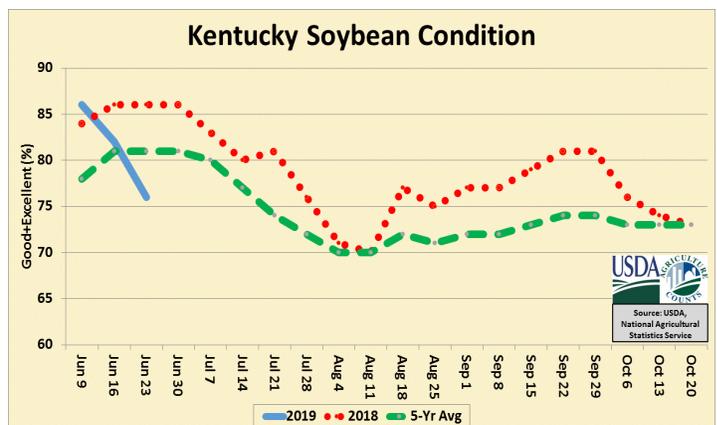
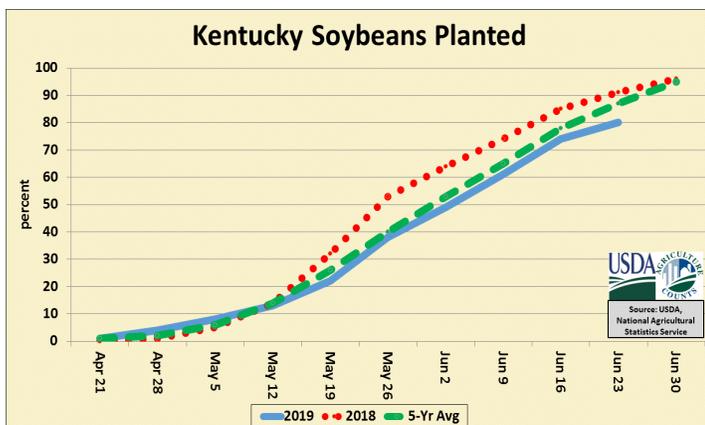
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Emerged	95	91	99	98
Corn Silking	8	3	14	10
Soybeans Planted	80	74	91	87
Soybeans Emerged	65	56	80	74
Soybeans Blooming	1	-	3	1
Tobacco Set	84	75	93	91
Winter Wheat Mature	96	85	-1	-1
Winter Wheat Harvested	56	36	76	62

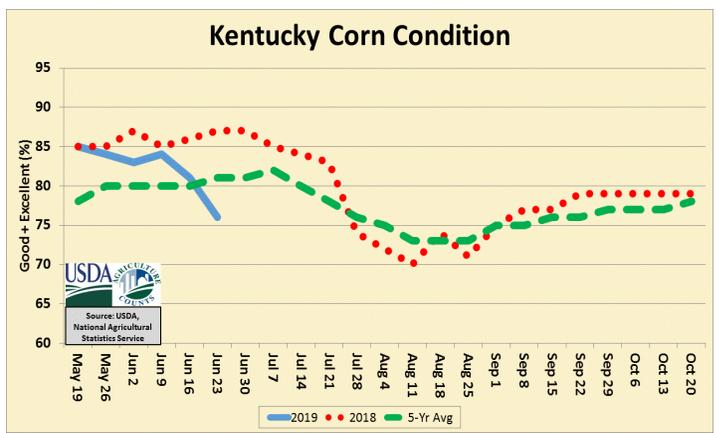
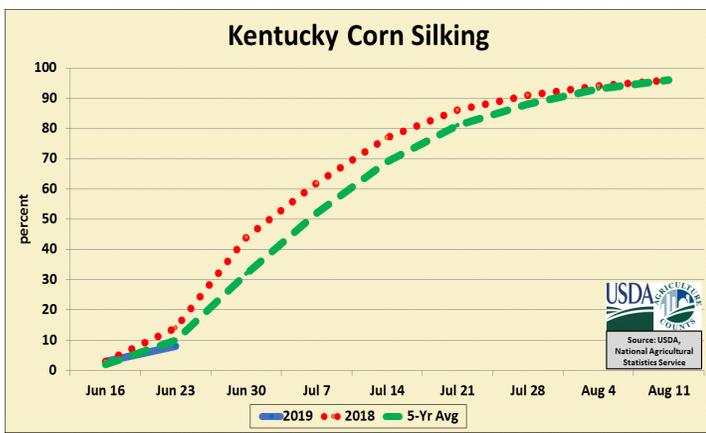
- Represents zero.

-1 Represents not available.

CROP CONDITIONS for week ending 06/23/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	4	18	62	14
Hay	3	12	37	41	7
Pasture	2	5	19	62	12
Soybeans	1	2	21	67	9
Tobacco Set	1	6	27	60	6





**Kentucky Climate Summary
For the Period June 17, 2019 to June 23, 2019**

Near Normal Temperatures and Much Above Normal Rainfall:

Exceptionally wet conditions continue to plague the area. Dry weather has been hard to find with daily rounds of showers and storms this past week. Overall, the state averaged 3.63 inches for the period. Central Kentucky, in itself, even averaged 4.15, marking the second time this month that this area has went over 4 inches. Kentucky remained situated in a moist atmosphere for most of the week, which led to torrential rainfall and localized flooding from time to time. Several lines of storms pushed through the area, especially Friday and over the weekend. These lines produced frequent lightning, damaging winds and even some tornadoes. Looking more at the abundant rainfall, Kentucky typically averages 4.25 inches for the month of June. Thus far, data at the Ag Weather Center shows the state has averaged 6.88 inches for the month. This would place Kentucky in the top 10 wettest June's of all time, but still not close to the all-time record of 11.67 inches set in 1928.

Temperatures for the period averaged 74 degrees across the state which was near normal and 6 degrees warmer than the previous period. High temperatures averaged from 84 in the West to 80 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 68 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at CAPE GIRARDEAU ASOS and the extreme low was 57 degrees at CAMPBELLSVILLE 7W.

Precipitation (liq. equ.) for the period totaled 3.63 inches statewide which was 2.61 inches above normal and 357% of normal. Precipitation totals by climate division, West 3.34 inches, Central 4.15 inches, Bluegrass 3.71 inches and East 3.33 inches, which was 2.33, 3.14, 2.69 and 2.3 inches above normal. By station, precipitation totals ranged from a low of 1.57 inches at BIG SANDY to a high of 6.58 inches at LONDON.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/23/19 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	4.05	17.47	9.43	6.31	5.90	86	62	73	-1	163	1,354	46
Berea	2.64	16.21	9.94	4.11	6.14	85	60	73	0	161	1,271	-78
Bowling Green	4.05	15.25	8.27	2.79	4.28	90	62	77	3	188	1,567	213
Bristol	1.85	15.34	7.54	5.43	4.20	89	62	73	0	164	1,389	165
Buckhorn Lake	2.94	14.48	7.56	3.44	3.72	83	62	72	-1	151	1,345	159
Cape Girardeau	2.63	20.08	6.82	7.80	3.32	92	68	78	2	197	1,473	46
Campbellsville	3.06	13.13	6.56	0.01	2.53	87	57	73	-1	160	1,277	-50
Covington	3.95	18.99	9.37	8.02	5.74	84	62	73	0	160	1,239	74
Cumberland Gap	2.89	19.38	8.34	7.22	4.30	73	54	64	-9	96	744	-479
Dix Dam	4.38	14.88	9.01	3.11	5.43	85	60	73	0	160	1,336	44
Evansville	5.20	17.73	8.11	6.28	4.67	85	61	75	-1	174	1,382	47
Glasgow	3.52	17.42	10.62	4.28	6.28	87	61	74	0	167	1,388	92
Grayson	1.57	12.47	6.42	1.64	2.79	85	58	73	0	158	1,328	201
Hardinsburg	4.04	21.67	10.00	9.58	6.31	87	61	74	0	168	1,352	-17
Henderson	3.02	15.04	5.93	3.32	2.29	87	61	74	-2	170	1,368	-21
Huntington	0.62	12.58	4.61	1.88	1.09	85	50	71	-2	146	1,242	14
Jackson	3.91	15.13	8.34	3.62	4.69	86	61	72	-1	158	1,406	220
Lexington	3.97	15.78	8.60	4.62	5.07	86	60	74	1	166	1,409	183
London	6.58	18.38	10.35	7.42	6.89	85	59	74	1	165	1,390	148
Louisville	3.80	18.10	8.18	6.60	4.78	88	63	76	2	184	1,578	258
Mayfield	1.82	14.40	6.01	1.76	2.62	90	66	77	1	186	1,434	10
Nashville	2.63	11.50	3.64	-0.49	0.12	93	66	78	4	198	1,710	238
Nolin Lake	5.83	17.78	11.10	4.76	7.21	92	60	76	2	181	1,503	252
Paducah	4.42	22.56	9.27	9.51	5.37	90	66	77	1	192	1,512	106
Princeton	3.13	13.62	6.68	0.91	2.93	87	63	76	0	180	1,388	-34
Quicksand	3.93	13.37	7.95	1.86	4.30	85	62	73	0	162	1,314	128
Somerset	3.73	17.67	8.70	5.00	4.63	85	59	73	0	159	1,284	14
Spindletop	2.46	15.15	6.97	3.99	3.44	87	61	74	1	168	1,394	168
Williamstown	2.43	17.81	7.15	6.36	3.55	83	60	71	-2	149	1,200	-6

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