



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 above normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.57 inches, 1.49 inches above normal. Temperatures averaged 72 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 3 percent short, 73 percent adequate, and 24 percent surplus. **Subsoil moisture** was rated 4 percent short, 78 percent adequate, and 18 percent surplus. Days suitable for fieldwork averaged 3.9 out of a possible seven.

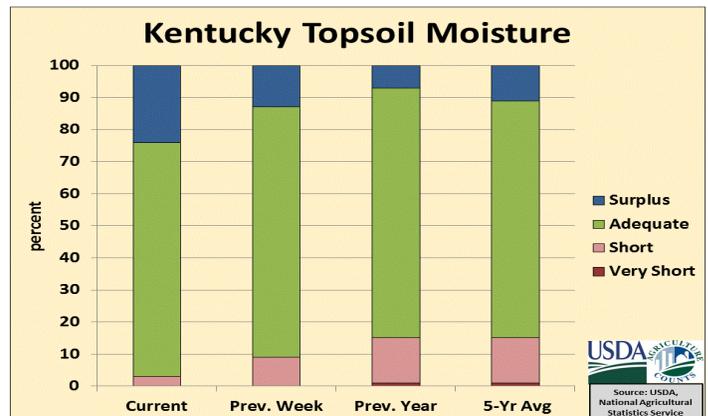
Primary activities for this week included planting corn and soybeans, tobacco setting, and cutting hay when weather allowed. Farmers continue to battle persistent rain when attempting to complete fieldwork. There were a few days of dry weather which allowed progress, however rain moved in towards the end of the week. Rain was heavy at times causing standing water in some fields. Corn and soybeans remain behind both last year and the five year average at this juncture in the season. Several producers have expressed growing concern over crop production due to the continuous rain. The average height of corn was 21 inches, compared to 12 inches last week.

Sixty six percent of the tobacco crop is in the ground, behind both last year and the five year average. The average height of tobacco plants was 6 inches. Although pasture condition was reported as mostly good, the rain has caused some damage due to mud and weed overgrowth.

SOIL MOISTURE for week ending 06/09/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	73	24
Subsoil	-	4	78	18

- Represents zero.



CROP PROGRESS for week ending 06/09/19

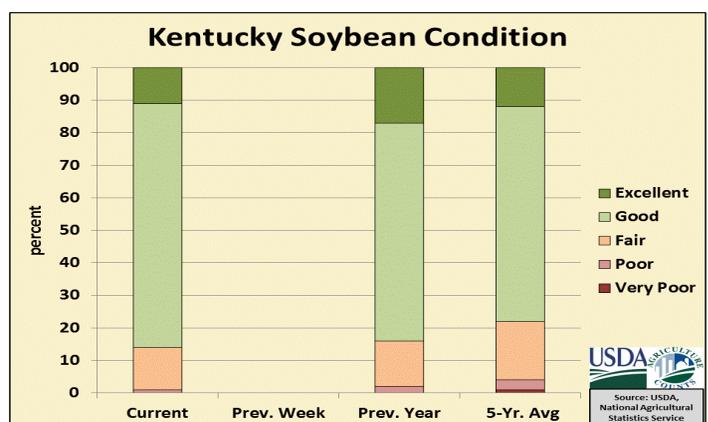
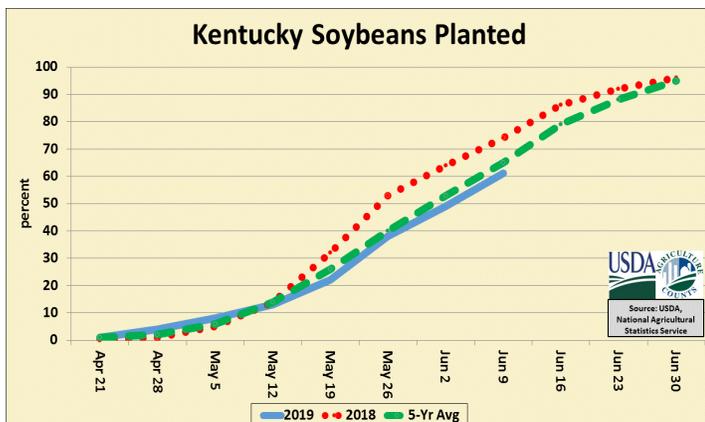
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	94	87	97	97
Corn Emerged	85	74	90	89
Soybeans Planted	61	49	74	65
Soybeans Emerged	44	29	57	46
Tobacco Set	66	49	74	69
Winter Wheat Coloring	92	75	-1	-1
Winter Wheat Mature	48	-1	-1	-1

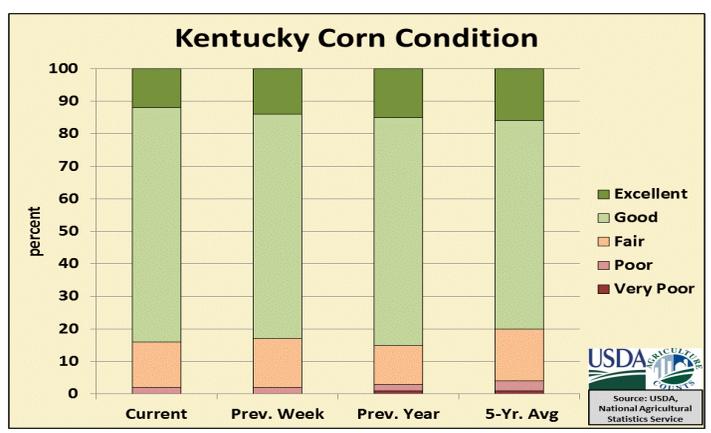
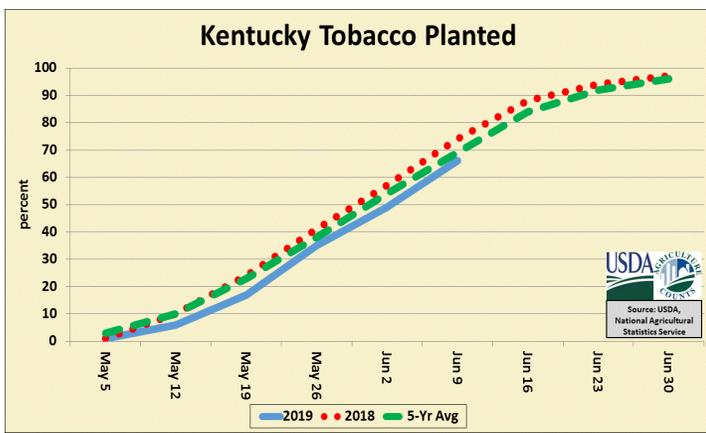
-1 Represents not available.

CROP CONDITIONS for week ending 06/09/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	2	14	72	12
Pasture	1	7	18	65	9
Soybeans	-	1	13	75	11
Tobacco Set	-	2	12	81	5
Wheat	3	7	19	59	12

- Represents zero.





**Kentucky Climate Summary
For the Period June 3, 2019 to June 9, 2019**

Above Normal Temperatures and Much Above Normal Rainfall:

A very active pattern with daily bouts of rainfall between Wednesday and Sunday led to an exceptionally wet week for the Commonwealth. Much of the activity fell across Central Kentucky and areas to the east, scattered to numerous in coverage most of the time. Thunderstorms tended to be slow-movers during the period and with a combination of torrential rainfall and saturated ground, localized flooding was a possibility. Central Kentucky, in itself, averaged 4.14 inches for the week. A handful of locations were more than five inches. Putting this into perspective, Kentucky averages 4.25 inches for the entire month of June. Western Kentucky saw the least, but still came in at 1.55 inches. After portions of the state were starting to get dry in May, the state has now went two straight weeks with above normal rainfall.

Temperatures for the period averaged 72 degrees across the state which was 2 degrees warmer than normal and no change to the previous period. High temperatures averaged from 82 in the West to 79 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 66 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at FRANKLIN 4SW and the extreme low was 45 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 2.57 inches statewide which was 1.49 inches above normal and 239% of normal. Precipitation totals by climate division, West 1.55 inches, Central 4.14 inches, Bluegrass 1.97 inches and East 2.61 inches, which was 0.51, 3.05, 0.87 and 1.53 inches above normal. By station, precipitation totals ranged from a low of 0.23 inches at PRINCETON 2SE to a high of 6.72 inches at GLASGOW 11W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/09/19 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	3.53	12.49	5.58	3.04	1.74	86	52	72	0	152	1,068	69
Berea	4.08	12.87	7.10	2.61	2.97	85	50	71	0	144	1,001	-34
Bowling Green	3.16	11.10	4.33	0.59	0.05	93	56	75	3	176	1,232	201
Bristol	4.74	12.70	5.98	4.44	2.53	85	50	72	1	154	1,106	177
Buckhorn Lake	3.09	11.24	4.54	2.13	0.78	82	48	70	-1	138	1,075	163
Cape Girardeau	1.50	17.21	8.18	6.55	3.96	90	62	76	2	178	1,131	45
Campbellsville	3.01	10.02	4.18	-1.16	-0.25	89	51	72	0	151	1,003	-19
Covington	1.21	11.46	4.25	2.28	0.47	85	49	71	0	145	961	89
Cumberland Gap	2.99	15.74	5.02	5.57	0.79	72	50	62	-9	84	599	-339
Dix Dam	2.52	9.23	4.29	-0.83	0.28	88	51	71	0	147	1,054	72
Evansville	1.30	12.46	4.84	2.64	0.88	90	54	74	0	170	1,071	63
Glasgow	6.72	13.79	7.03	2.80	2.55	90	56	73	1	163	1,094	117
Grayson	0.97	9.59	3.90	0.55	0.14	84	50	71	0	146	1,046	188
Hardinsburg	3.91	17.06	7.28	6.74	3.16	89	55	72	0	156	1,062	20
Henderson	1.26	11.35	3.24	1.40	-0.69	90	56	74	0	168	1,072	13
Huntington	1.19	10.26	4.44	1.29	0.72	83	44	68	-3	124	982	47
Jackson	2.78	10.58	4.54	0.85	0.65	83	51	70	-1	142	1,123	211
Lexington	2.00	10.76	5.10	1.31	1.26	87	53	72	1	157	1,117	195
London	2.85	11.05	3.42	1.78	-0.28	85	51	72	1	156	1,098	149
Louisville	2.60	13.83	4.87	3.94	1.00	90	59	75	3	174	1,244	246
Mayfield	0.49	12.25	5.79	1.18	1.71	92	59	74	0	170	1,112	17
Nashville	1.00	8.87	1.22	-1.45	-2.84	94	60	77	5	186	1,351	219
Nolin Lake	3.80	10.74	4.50	-0.45	-0.03	94	54	74	2	171	1,187	229
Paducah	1.43	18.14	7.57	6.98	3.33	93	58	76	2	179	1,170	101
Princeton	0.22	10.34	4.53	-0.57	0.33	90	55	73	-1	164	1,082	-9
Quicksand	2.59	9.05	3.98	-0.68	0.09	84	50	71	0	148	1,029	117
Somerset	3.54	13.60	8.08	2.91	3.70	85	51	71	0	146	1,008	36
Spindletop	1.78	11.03	4.72	1.58	0.88	88	52	73	2	161	1,107	185
Williamstown	2.02	13.17	3.28	3.48	-0.55	83	50	70	-1	136	946	37

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr1 Weather Center (859) 218-4364.