



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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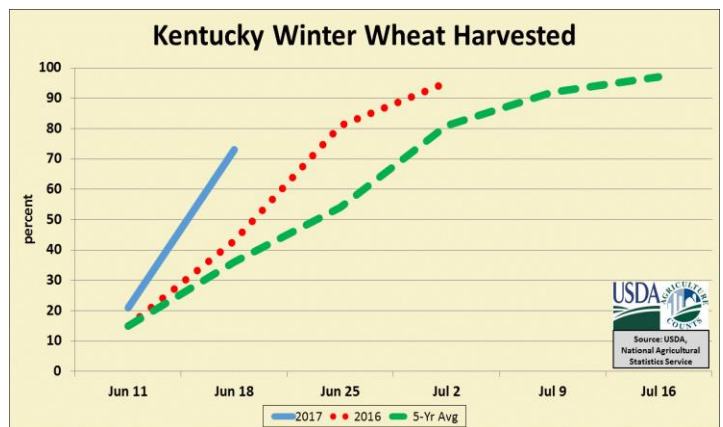
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.41 inches, 0.40 inches above normal. Temperatures averaged 77 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 10 percent short, 81 percent adequate and 8 percent surplus. **Subsoil moisture** was rated 1 percent very short, 10 percent short, 83 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven.

Primary activities this week included harvesting wheat, cutting hay, planting soybeans and tobacco, and scouting crops. Spotty showers and rainfall events led to some reports of local flooding in low-lying fields and delayed fieldwork periodically. Precipitation has helped to green-up pastures and hay fields. The first cutting of hay is finishing up in most areas. The average height of emerged corn was 38 inches, compared to 37 inches last year. The average height of tobacco in the field was 10 inches, compared to 9 inches last year.

Some disease and insect pressure has been reported in fruit and vegetable crops. Livestock heat stress was of concern this week due to high temperatures and humidity.

SOIL MOISTURE for week ending 06/18/17

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	10	81	8
Subsoil	1	10	83	6



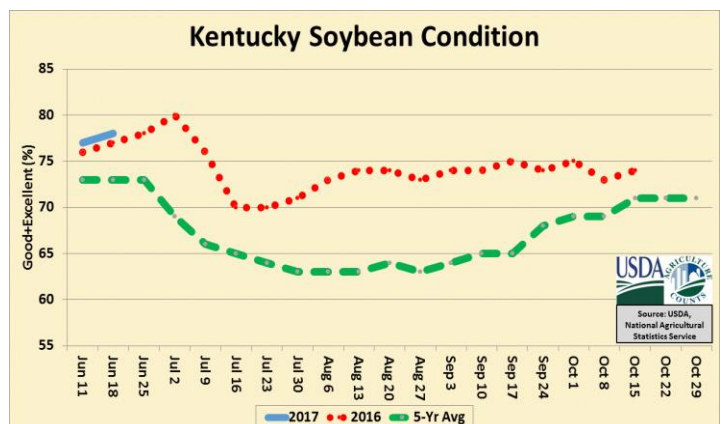
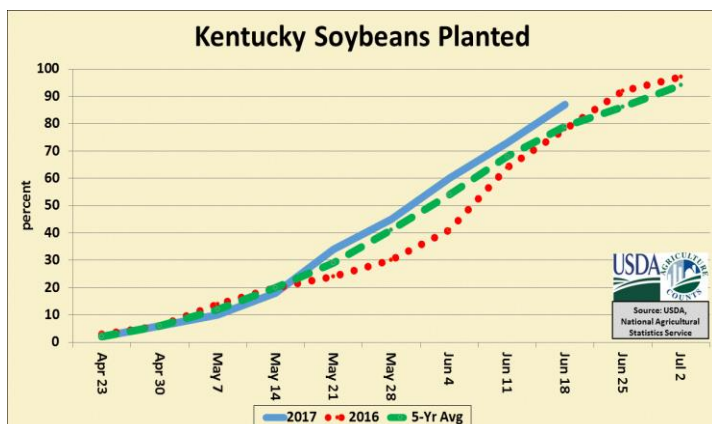
CROP PROGRESS for week ending 06/18/17

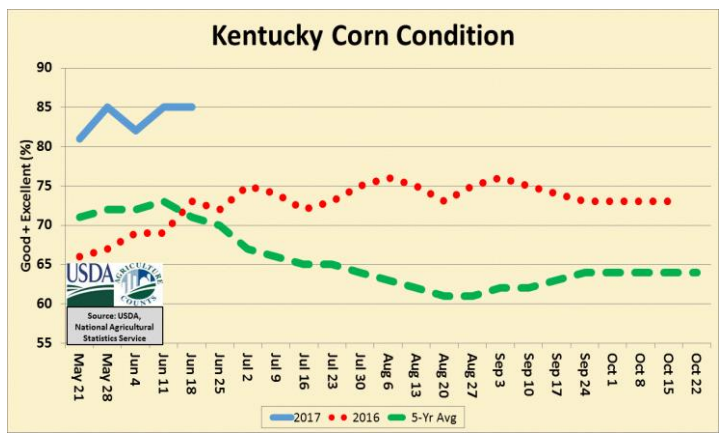
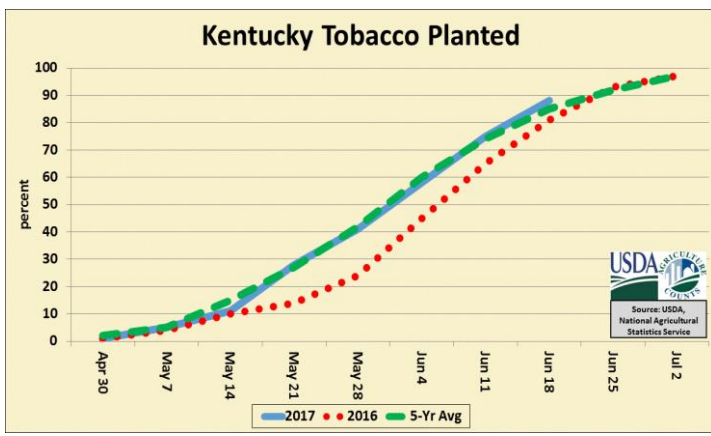
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Emerged	96	92	94	97
Corn Silking	4	-	2	4
Soybeans Planted	87	73	78	79
Soybeans Emerged	70	51	56	64
Tobacco Set	88	75	81	85
Winter Wheat Mature	96	91	88	-
Winter Wheat Harvested	73	21	43	36

- Represents not available.

CROP CONDITIONS for week ending 06/18/17

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	12	68	17
Pasture	1	2	16	67	14
Soybeans	1	2	19	67	11
Tobacco Set	1	2	17	69	11
Wheat	3	15	25	44	13





**Kentucky Climate Summary
For the Period June 12, 2017 to June 18, 2017**

Above Normal Temperatures and Rainfall:

The Commonwealth saw an early start to summer as heat, humidity, and an unsettled pattern returned to the area. Highs consistently rose into the middle 80s to low 90s throughout the week. Combined with high humidity, heat indices increased well into the 90s. This pushed the livestock heat stress index into the danger category through the afternoon and early evening hours each day. With the heat and humidity in place, an unstable air mass developed almost each day of the week, leading to isolated to scattered storms. Even numerous coverage on Sunday. The very moist air led to torrential rainfall from time to time. Overall, the state averaged well over an inch for the week, just short of a half inch above normal.

Temperatures for the period averaged 77 degrees across the state which was 4 degrees warmer than normal and 10 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 86 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 69 degrees in the West to 66 degrees in the East. Departure from normal low temperatures ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at LOUISVILLE APT and the extreme low was 60 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.41 inches statewide which was 0.4 inches above normal and 140% of normal. Precipitation totals by climate division, West 1.43 inches, Central 1.14 inches, Bluegrass 1.59 inches and East 1.46 inches, which was 0.46, 0.13, 0.57 and 0.43 inches above normal. By station, precipitation totals ranged from a low of 0.16 inches at WHITESBURG 2NW to a high of 3.62 inches at FRANKFORT 7S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/18/17 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>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	2.78	10.64	4.17	0.09	0.53	92	64	78	5	195	1,280	82
Berea	1.29	11.37	4.52	-0.07	0.60	91	63	76	3	182	1,188	-49
Bowling Green	1.95	15.62	6.67	3.86	2.57	91	67	79	6	201	1,436	198
Bristol	0.02	6.93	2.87	-2.39	-0.51	89	61	76	3	182	1,228	109
Buckhorn Lake	0.30	13.05	3.36	2.70	-0.46	89	61	75	2	178	1,230	142
Cape Girardeau	1.22	18.81	2.40	7.11	-1.36	94	65	79	4	204	1,427	121
Campbellsville	1.30	14.04	5.39	1.61	1.22	89	65	76	3	184	1,233	15
Covington	1.07	12.50	3.01	2.17	-0.67	90	64	77	4	188	1,154	93
Cumberland Gap	0.82	15.65	5.40	4.20	1.29	89	63	75	2	174	1,238	116
Dix Dam	0.51	7.65	2.47	-3.51	-1.26	91	65	78	5	194	1,242	61
Evansville	1.54	15.72	2.62	4.86	-1.01	94	69	80	5	208	1,418	199
Glasgow	1.86	13.44	5.80	1.07	1.41	89	67	78	5	192	1,334	152
Grayson	2.32	13.68	5.46	3.49	1.78	87	61	75	2	174	1,122	91
Hardinsburg	0.97	10.74	3.84	-0.71	0.00	91	65	77	4	188	1,292	39
Henderson	0.17	9.14	1.94	-1.94	-1.80	92	66	79	4	202	1,400	129
Huntington	0.43	8.27	2.50	-1.81	-1.09	91	64	78	5	194	1,228	105
Jackson	2.15	15.28	6.37	4.41	2.63	90	64	77	4	186	1,301	213
Lexington	1.05	9.26	3.20	-1.29	-0.44	92	66	79	6	202	1,306	188
London	1.82	15.44	4.99	5.09	1.44	91	65	76	3	182	1,254	117
Louisville	0.51	10.01	1.59	-0.92	-1.98	94	70	81	8	219	1,504	299
Mayfield	2.00	13.01	6.26	0.93	2.62	91	66	78	3	198	1,354	48
Nashville	2.23	7.04	3.34	-4.35	-0.38	94	68	78	5	199	1,475	125
Nolin Lake	0.84	13.77	4.36	1.41	0.24	95	66	81	8	214	1,526	379
Paducah	3.43	17.80	6.06	5.42	2.04	93	66	80	5	212	1,476	190
Princeton	2.48	12.30	5.43	0.23	1.52	89	67	78	3	196	1,364	60
Quicksand	2.20	13.85	5.89	2.98	2.15	89	62	76	3	179	1,217	129
Somerset	0.71	13.66	5.61	1.70	1.43	88	64	76	3	180	1,189	26
Spindletop	2.84	15.50	5.22	4.95	1.58	92	68	79	6	204	1,285	167
Williamstown	3.48	16.89	6.32	6.07	2.64	87	64	76	3	180	1,136	36

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