



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

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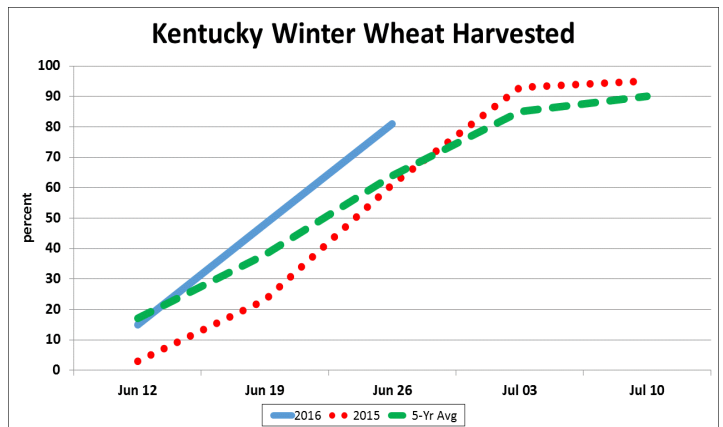
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Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.23 inches, 0.22 inches above normal. Temperatures averaged 79 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 22 percent short, 69 percent adequate and 8 percent surplus. **Subsoil moisture** was rated 1 percent very short, 16 percent short, 76 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.7 out of a possible seven.

Portions of the state remained dry while other areas reported varied rainfall as scattered storms occurred over the week. Conditions allowed farmers to make considerable progress in harvesting wheat. Planting of double-crop soybeans continued as well, nearing completion. The average height of emerged soybeans was 5 inches, compared to 6 inches last year. Tobacco planting is nearing completion as well, with some reports of severe black shank. The average height of tobacco in the field was 13 inches, compared to 9 inches last week and 16 inches last year at this time. Large amounts of hay continued to be harvested with mostly average quality. High temperatures and humidity are putting some stress on livestock.

SOIL MOISTURE for week ending 06/26/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	22	69	8
Subsoil	1	16	76	7



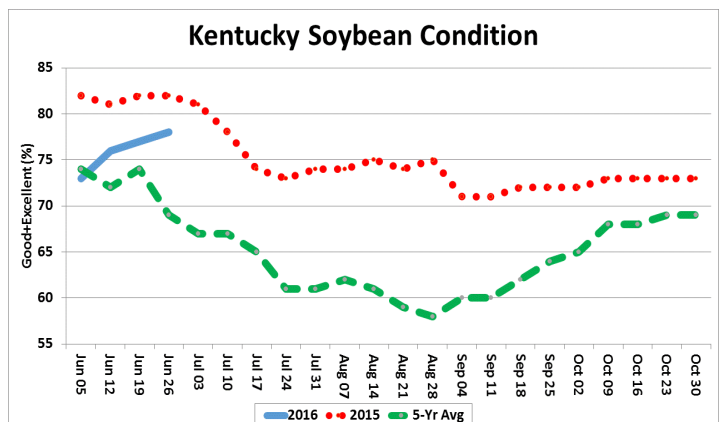
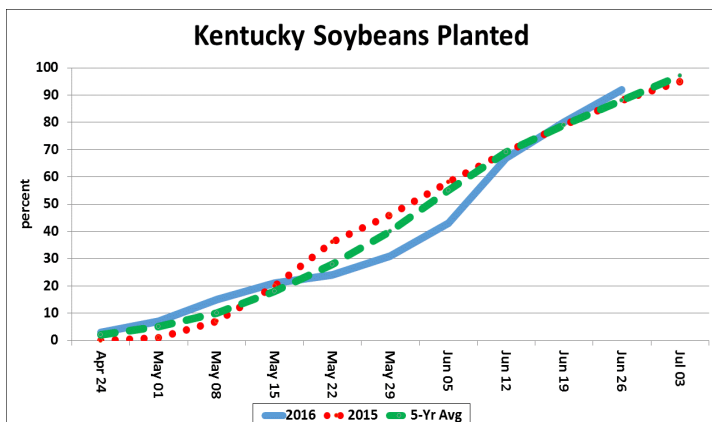
CROP PROGRESS for week ending 06/26/16

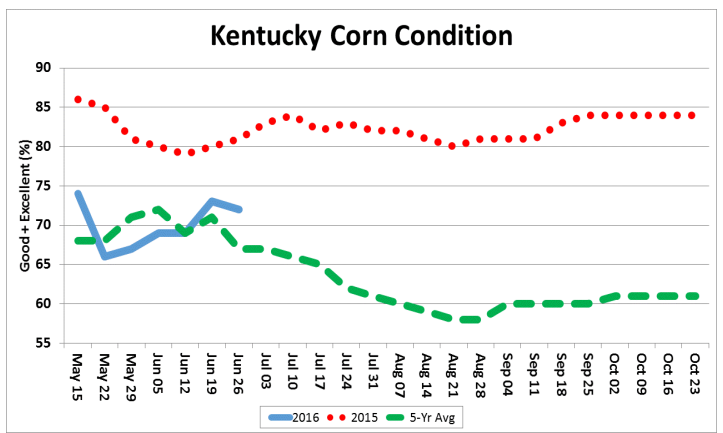
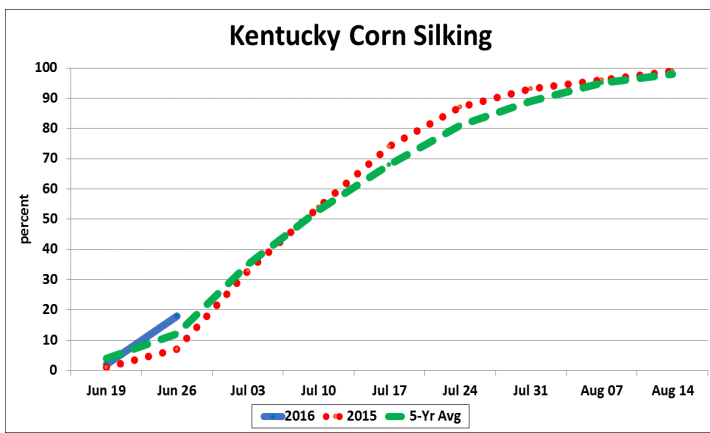
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	18	2	7	12
Soybeans Planted	92	80	88	88
Soybeans Emerged	76	58	77	79
Soybeans Blooming	1	-	1	4
Tobacco Set	93	83	95	95
Tobacco Blooming	2	-	1	2
Winter Wheat Mature	98	91	94	-
Winter Wheat Harvested	81	48	61	64

- Represents zero or not available.

CROP CONDITIONS for week ending 06/26/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	21	58	14
Hay	1	6	26	60	7
Pasture	1	6	23	59	11
Soybeans	1	3	18	65	13
Tobacco Set	1	3	26	62	8





**Kentucky Climate Summary
For the Period June 20, 2016 to June 26, 2016**

Above Normal Temperatures and Rainfall:

Each period has gotten a step warmer over the past couple weeks. Statewide, temperatures were 5 degrees above normal this past period, which was the fifth straight week of near to above normal temperatures. The hot and humid pattern continued with multiple days getting into the upper 80s to middle 90s. Thursday was the warmest day with much of Western Kentucky under a Heat Advisory. Livestock heat stress remained in the danger to emergency category about each afternoon and evening. Looking at rainfall, an active pattern developed Tuesday through Thursday with several rounds of thunderstorms. Located within a very unstable and moist air mass, storms produced frequent cloud to ground lightning and heavy rainfall, in addition to some instances of damaging winds and large hail. Other than Western Kentucky, the rest of the state saw above normal rainfall for the week, averaging around 1.5 inches. According to data at the UK Ag Weather Center, Western Kentucky is now 1.64 inches below normal on average for the month of June.

Temperatures for the period averaged 79 degrees across the state which was 5 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 92 in the West to 87 in the East. Departure from normal high temperatures ranged from 5 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 73 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at CAPE GIRARDEAU ASOS and the extreme low was 57 degrees at YELLOW CREEK.

Precipitation (liq. equ.) for the period totaled 1.23 inches statewide which was 0.22 inches above normal and 122% of normal. Precipitation totals by climate division, West 0.43 inches, Central 1.35 inches, Bluegrass 1.59 inches and East 1.57 inches, which was -0.58, 0.35, 0.59 and 0.54 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 5.22 inches at LOUISA 1S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/26/16 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	1.71	11.61	2.22	0.09	-1.24	91	67	79	4	202	1,369	-6
Berea	2.70	14.14	4.01	1.65	0.28	90	64	77	3	190	1,238	-178
Bowling Green	1.21	9.58	2.38	-3.29	-1.55	95	67	82	7	227	1,579	156
Bristol	0.43	9.88	1.56	-0.39	-1.76	92	53	76	2	182	1,334	47
Buckhorn Lake	1.78	12.69	2.83	1.23	-1.03	89	61	76	2	181	1,296	52
Cape Girardeau	0.00	14.05	1.01	1.42	-2.33	97	72	84	7	240	1,528	27
Campbellsville	0.18	13.90	1.72	0.36	-2.22	92	63	78	3	198	1,290	-103
Covington	1.21	10.54	2.49	-0.82	-1.11	92	61	78	4	198	1,260	32
Cumberland Gap	2.96	15.55	4.43	2.97	0.43	90	61	77	3	188	1,292	7
Dix Dam	1.22	14.29	3.50	2.15	0.01	92	65	78	4	198	1,301	-57
Evansville	2.92	13.85	4.31	2.06	0.98	96	68	83	6	231	1,408	2
Glasgow	1.87	15.92	4.45	2.32	0.14	91	65	80	5	208	1,412	48
Grayson	1.17	15.28	6.92	4.06	3.32	89	62	76	2	180	1,210	25
Hardinsburg	0.45	10.36	1.80	-2.10	-1.80	96	65	81	6	216	1,369	-71
Henderson	0.06	12.97	2.05	0.88	-1.53	94	68	82	5	221	1,468	8
Huntington	3.11	16.23	7.07	5.16	3.59	90	63	76	2	180	1,336	45
Jackson	1.69	14.39	3.14	2.50	-0.46	90	66	78	4	192	1,386	142
Lexington	1.81	14.35	4.56	2.83	1.10	92	65	79	5	205	1,364	73
London	1.18	11.48	2.29	0.16	-1.12	91	62	78	4	196	1,355	51
Louisville	1.78	12.45	4.20	0.60	0.90	94	71	82	7	226	1,578	189
Mayfield	0.77	19.57	5.12	6.59	1.88	91	69	82	5	222	1,471	-23
Nashville	2.02	7.36	3.07	-4.98	-0.34	97	68	82	7	226	1,714	169
Nolin Lake	2.48	12.89	4.03	-0.52	0.28	96	65	82	7	222	1,586	272
Paducah	0.13	10.25	1.72	-3.21	-2.11	97	72	85	8	242	1,588	110
Princeton	1.09	12.45	1.83	-0.65	-1.83	94	70	82	5	228	1,422	-71
Quicksand	1.75	15.14	3.57	3.25	-0.03	91	61	77	3	188	1,258	14
Somerset	0.94	13.72	2.41	0.63	-1.59	91	62	77	3	192	1,277	-57
Spindletop	1.87	18.16	5.02	6.64	1.56	94	66	80	6	211	1,360	69
Williamstown	2.77	14.89	6.10	3.06	2.55	89	63	76	2	182	1,209	-60

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