



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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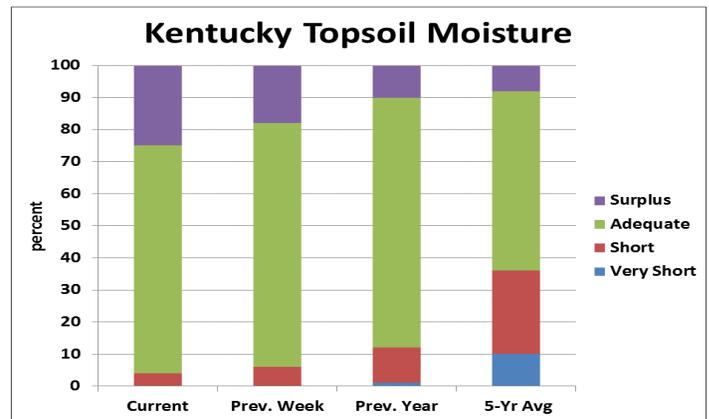
Agricultural News: Kentucky experienced near normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.54 inches, 1.68 inches above normal. Temperatures averaged 76 degrees for the week, near normal. **Topsoil moisture** was rated 0 percent very short, 4 percent short, 71 percent adequate and 25 percent surplus. **Subsoil moisture** was rated 0 percent very short, 4 percent short, 72 percent adequate, and 24 percent surplus. Days suitable for fieldwork averaged 3.4 out of a possible seven.

Rain last week limited field work and resulted in flooding in some areas. Disease and insect pressure continues for field crops. Fungicides have not been effective in some fields. Corn, soybeans and tobacco all showed deterioration in percent rated as excellent this past week. Dry weather is needed for hay producers eager to harvest hay and to improve conditions of crops.

SOIL MOISTURE for week ending 08/21/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	71	25
Subsoil	-	4	72	24

- Represents zero.



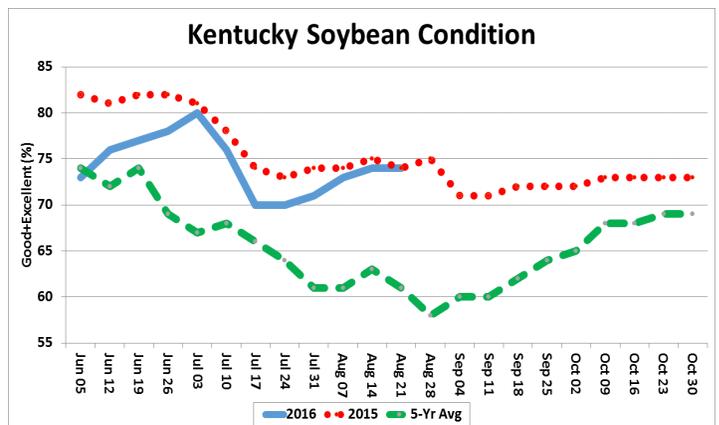
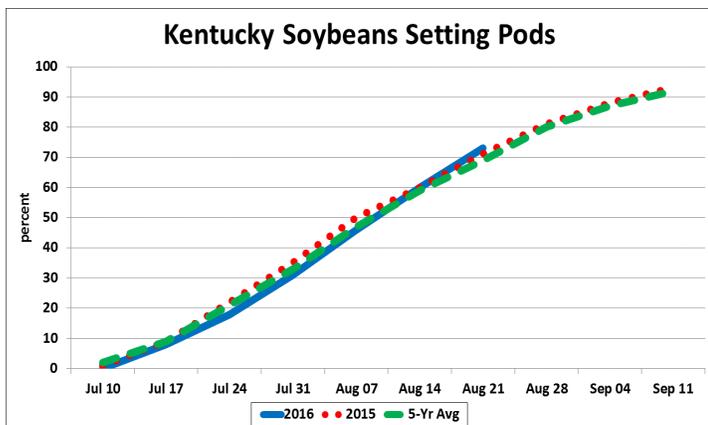
CROP PROGRESS for week ending 08/21/16

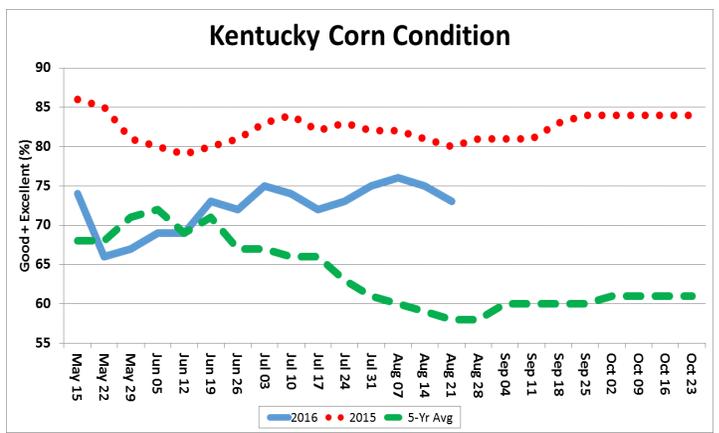
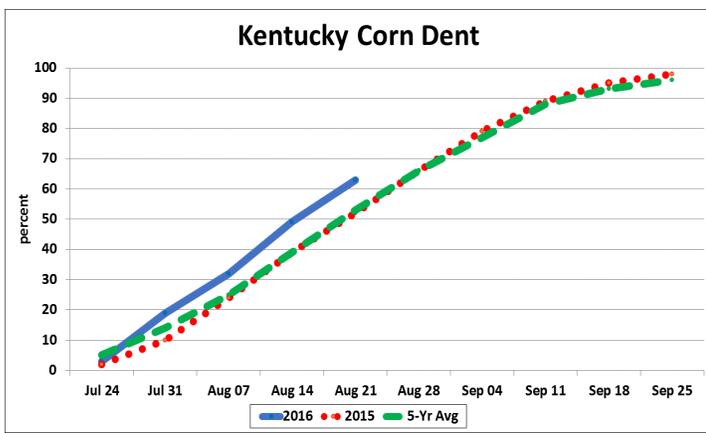
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	91	86	91	89
Corn Dough	80	70	75	73
Corn Dent	63	49	52	53
Corn Mature	18	5	12	18
Soybeans Blooming	89	81	88	87
Soybeans Setting Pods	73	60	71	69
Soybeans Coloring	9	4	8	-
Tobacco Blooming	86	76	90	88
Tobacco Topped	69	55	73	68
Tobacco Cut	13	5	24	20

- Represents not available.

CROP CONDITIONS for week ending 08/21/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	6	19	55	18
Pasture	1	5	19	63	12
Soybeans	2	5	19	57	17
Tobacco	8	14	27	45	6





**Kentucky Climate Summary
For the Period August 15, 2016 to August 21, 2016**

Near Normal Temperatures and Much Above Normal Rainfall:

After another week of exceptionally high rainfall totals, the Bluegrass State has now seen above normal rainfall three of the past four weeks. Over this past period, the state averaged over 2.5 inches, which is over 1.5 above normal. According to data with the Ag Weather Center, the state is now nearly 2 inches above normal for the month of August with an average of 4.49 inches statewide. Just like recent weeks this summer, an active pattern set up over the Lower Ohio Valley this past period with several rounds of storms pushing through the area. Throughout much of the period, a plume of moisture was positioned over the region, keeping heavy rain and localized flooding as the main threats. Cloud cover and showers kept temperatures down during the day and elevated at night, which brought average temperatures around normal for the week. After the passage of a strong cold front, cooler and much less humid conditions filtered into the area for the end of the weekend, finally giving the Commonwealth a break from the summertime humidity.

Temperatures for the period averaged 76 degrees across the state which was near normal and 4 degrees cooler than the previous period. High temperatures averaged from 82 in the West to 83 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 71 degrees in the West to 69 degrees in the East. Departure from normal low temperature 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 PAINTSVILLE 4W and the extreme low was 59 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 2.54 inches statewide which was 1.68 inches above normal and 296% of normal. Precipitation totals by climate division, West 2.55 inches, Central 3.00 inches, Bluegrass 2.31 inches and East 2.32 inches, which was 1.77, 2.14, 1.44 and 1.4 inches above normal. By station, precipitation totals ranged from a low of 0.74 inches at MIDDLESBORO AWOS to a high of 5.39 inches at LEITCHFIELD 3W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/21/16 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	2.41	26.15	7.87	6.48	4.08	90	68	76	2	186	2,922	188
Berea	1.61	26.08	6.31	5.94	2.61	90	65	76	3	186	2,719	-72
Bowling Green	3.25	25.55	8.17	5.00	4.72	92	70	79	5	204	3,298	458
Bristol	2.50	14.93	3.05	-2.28	-0.07	95	66	77	4	188	2,918	321
Buckhorn Lake	2.68	24.33	6.52	5.01	2.95	89	66	76	3	180	2,778	300
Cape Girardeau	3.25	25.86	8.25	6.87	5.09	85	67	76	0	184	3,186	218
Campbellsville	3.87	26.81	6.45	4.25	2.14	90	69	77	3	186	2,804	37
Covington	4.55	20.68	7.57	2.30	4.34	85	68	77	4	186	2,798	244
Cumberland Gap	2.14	28.79	7.14	7.44	3.02	89	68	77	4	189	2,834	257
Dix Dam	2.78	23.58	2.78	3.35	-0.98	90	69	77	4	190	2,779	54
Evansville	1.19	26.32	5.74	7.91	2.72	91	63	77	1	188	3,025	201
Glasgow	3.28	35.10	6.69	12.85	2.76	89	68	77	3	188	2,988	237
Grayson	2.90	28.59	8.93	9.46	5.29	87	66	77	4	186	2,680	247
Hardinsburg	4.01	32.33	12.40	12.03	8.76	87	68	76	2	182	2,910	59
Henderson	2.85	27.12	7.29	8.28	4.22	87	68	77	1	190	3,054	177
Huntington	2.33	24.65	4.97	5.49	1.19	92	61	78	5	198	2,899	284
Jackson	3.70	29.06	8.49	8.69	4.59	90	68	76	3	182	2,927	449
Lexington	2.78	25.86	8.58	6.19	4.79	90	69	77	4	190	2,952	305
London	3.01	24.87	7.73	6.07	4.41	89	68	77	4	188	2,930	316
Louisville	3.71	22.83	7.21	3.61	3.79	92	71	80	6	206	3,298	477
Mayfield	2.08	27.59	6.79	7.08	3.18	85	70	77	1	188	3,080	200
Nashville	0.97	16.70	4.03	-2.43	0.79	93	65	78	4	200	3,480	450
Nolin Lake	3.55	30.45	6.91	8.93	3.23	93	68	79	5	204	3,293	671
Paducah	2.70	27.21	10.10	6.76	6.89	86	70	78	2	194	3,294	363
Princeton	3.25	30.35	7.29	9.73	3.60	84	69	77	1	186	3,024	100
Quicksand	2.69	29.18	6.65	8.81	2.75	91	68	77	4	187	2,809	331
Somerset	2.64	29.22	8.31	8.01	4.55	90	66	76	3	184	2,794	146
Spindletop	2.21	28.89	6.66	9.22	2.87	91	64	78	5	194	2,977	330
Williamstown	1.95	23.19	4.67	3.80	1.12	87	67	76	3	180	2,659	69

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