



**NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., June 30, 2008

14-08

AGRICULTURAL NEWS: Showers were received at week's end, but more rain is needed in central and western parts of the state. **Topsoil moisture** was rated as 10 percent very short, 31 percent short, 56 percent adequate, and 3 percent surplus. **Subsoil moisture** was rated 7 percent very short, 28 percent short, 60 percent adequate, and 5 percent surplus. There were 5.6 days suitable for fieldwork. Farmers were busy this past week with small grain harvest, spraying crops, planting double-crop soybeans and cutting hay.

TOBACCO: As of Sunday, June 29, the tobacco crop condition was reported as 2 percent poor, 32 percent fair, 50 percent good, and 16 percent excellent. About 59 percent of tobacco plants were under 12 inches high, with 29 percent 12-24 inches in height, and 12 percent were over 24 inches. Tobacco is doing well overall with only minimal disease or insect problems reported.

CORN: Corn condition was rated 4 percent poor, 18 percent fair, 55 percent good, and 23 percent excellent. Ten percent of the corn has tasseled or is tasseling, compared to last year's 35 percent and the five-year average of 33 percent. Seven percent of the corn has silked or was silking as of Sunday, June 29, behind both last year's 39 percent and the five year average of 30 percent. Lack of rain and drying winds were the main concerns regarding the corn crop. There were very few reports about insect or disease damage.

SOYBEANS: As of Sunday, June 29, almost all of the single crop soybeans had been planted at 99 percent, just behind the 100 percent reported last year but ahead of the five-year average of 97 percent. Sixty-seven percent of double crop soybeans have been planted compared to 76 percent last year and the five-year average of 71 percent. All soybeans planted was 91 percent, behind last year's 98 percent and the five-year average of 94 percent. Eighty-four percent of the soybeans have emerged which was behind last year's 97 percent, but equal to the five-year average of 84 percent. The average height of emerged soybeans was 8 inches. Soybean condition was rated 1 percent very poor, 5 percent poor, 22 percent fair, 55 percent good, and 17 percent excellent. Double-crop producers are looking for rain to

facilitate planting in wheat fields and help with seed germination.

SMALL GRAINS: Wheat harvest continues just ahead of last year and average with 78 percent of the crop harvested. A year ago, 75 percent had been harvested and the five-year average was 76 percent. Early reports remain extremely positive with yields approaching State record levels. Barley harvest was 93 percent complete compared with 100 percent last year and the five-year average of 98 percent.

OTHER CROPS AND PASTURE: About 84 percent of the sorghum acres had been planted as of Sunday, June 29 compared with 99 percent a year ago and the five-year average of 96 percent. Pasture condition was rated 1 percent very poor, 10 percent poor, 34 percent fair, 44 percent good, and 11 percent excellent.

CROP PROGRESS for week ending 06/29/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Tasseling	10	2	35	33
Corn Silking	7	0	39	30
Soybeans Planted	91	82	98	94
Soybeans Emerged	84	74	97	84
Soybeans Blooming	0	0	9	11
Sorghum Planted	84	80	99	96
Wheat Harvested	78	38	75	76
Barley Harvested	93	91	100	98

SOIL MOISTURE for week ending 06/29/08

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	10	31	56	3
Subsoil	7	28	60	5

CROP CONDITIONS for week ending 06/29/08

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	0	4	18	55	23
Soybeans	1	5	22	55	17
Pasture	1	10	34	44	11
Tobacco	0	2	32	50	16

KENTUCKY WEATHER SUMMARY, JUNE 23 - 29, 2008:

Normal temperatures and above normal rainfall:

The majority of the rainfall received in the period came from a slow moving weather system that affected the Commonwealth from June 27th to 29th. For the state, this was the 2nd week out of the past 4 with just slightly above normal rainfall. Eastern portions of the state experiencing moderate drought received above normal rainfall for the 1st time in 6 weeks. The Bluegrass State has not experienced an excessively hot start to the summer as the 1st full week of summer reported normal temperatures.

Temperatures for the period averaged 74 degrees across the state which was 0 degrees from normal and 5 degrees above the previous week. High temperatures averaged from 88 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 1 degree above normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 0 degrees from normal in the East.

Rainfall for the period totaled 0.99 inches statewide which was 0.07 inches above normal. Rainfall totals by climate division, West 0.66 inches, Central 0.73 inches, Bluegrass 1.32 inches and East 1.21 inches, which was respectively 0.34 inches below normal, 0.16 inches below normal, 0.43 inches above normal and 0.31 inches above normal. By station, precipitation totals ranged from a low of 0.10 inches at Bowling Green to a high of 1.70 inches at Huntington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 29, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 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)						(Degrees Fahrenheit)				
Bardstown	0.64	13.62	2.46	+1.73	-0.96	91	54	74.5	-1	167	1393	-10
Berea	0.62	13.24	2.66	+0.35	-1.03	90	55	74.6	+0	166	1403	-31
Bowling Green	0.10	11.97	0.83	-1.32	-3.06	94	59	79.2	+4	187	1540	+77
Bristol	0.51	6.08	1.74	-4.54	-1.56	92	52	74.0	-0	157	1380	+67
Buckhorn Lake	0.91	10.43	3.58	-1.44	-0.29	91	57	75.6	+1	173	1391	+136
Cape Girardeau	0.73	16.31	2.14	+3.34	-1.10	94	60	77.4	+1	180	1476	-47
Campbellsville	0.46	11.43	1.41	-2.52	-2.47	92	56	76.0	+1	172	1438	+33
Covington	1.05	14.25	5.18	+2.51	+1.60	90	52	73.3	-1	157	1264	+10
Cumberland Gap	1.51	9.61	2.47	-3.40	-1.51	91	57	75.6	+1	173	1405	+121
Dix Dam	0.46	9.06	0.60	-3.45	-2.83	90	55	74.4	+0	165	1346	-57
Evansville	0.80	17.13	2.89	+4.99	-0.37	92	58	76.6	-0	178	1423	-10
Glasgow	0.35	13.98	1.32	-0.08	-2.97	92	56	77.6	+3	181	1563	+189
Grayson	1.13	13.44	3.21	+1.84	-0.37	90	55	73.9	-0	163	1314	+120
Hardinsburg	0.78	16.88	3.20	+4.04	-0.34	94	57	76.7	+2	174	1448	-15
Henderson	0.43	14.97	2.17	+2.50	-1.37	94	59	76.8	-0	177	1437	-26
Huntington	1.70	14.51	5.30	+3.07	+1.85	90	55	73.9	-0	162	1323	+39
Jackson	1.42	10.79	3.00	-1.48	-0.57	89	57	74.1	-0	163	1362	+107
Lexington	0.69	13.79	3.52	+1.90	+0.10	90	55	74.4	+0	165	1316	+33
London	0.48	10.12	2.01	-1.56	-1.37	90	55	74.8	+1	164	1432	+148
Louisville	0.48	15.69	3.09	+3.50	-0.14	93	61	77.6	+3	184	1522	+89
Mayfield	0.14	9.20	1.41	-4.12	-1.74	91	57	75.6	-1	173	1398	-126
Nashville	0.50	14.88	1.51	+2.18	-1.82	94	57	78.7	+4	185	1608	+55
Nolin Lake	0.97	16.05	1.34	+2.25	-2.32	93	58	77.8	+3	182	1500	+155
Paducah	0.46	16.41	2.87	+2.55	-0.91	92	61	78.2	+1	187	1535	+12
Princeton	0.32	14.31	1.56	+0.83	-2.03	92	58	78.9	+2	190	1571	+78
Quicksand	1.42	10.25	3.02	-2.02	-0.55	91	57	75.6	+1	173	1392	+137
Somerset	1.07	13.35	3.07	-0.17	-0.89	91	56	75.1	+1	167	1333	-41
Spindletop	0.98	13.82	3.01	+1.93	-0.41	90	55	73.8	-0	162	1310	+27
Williamstown	1.14	18.15	7.18	+5.95	+3.66	90	54	73.7	-1	161	1275	-8

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>