



**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
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Cooperative Extension Service

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AGRICULTURAL NEWS: Temperatures averaged a more normal 68 degrees after two weeks of below normal readings. Western areas of Kentucky experienced above normal rainfall while central areas had very little moisture. Rainfall amounts ranged from .2 to 3.1 inches with an average of 1.18 inches statewide, slightly above normal. Weather conditions have put much of the state at least a week behind schedule. Days suitable for fieldwork averaged 4.4 out of a possible seven. **Topsoil moisture** was rated 5 percent short, 80 percent adequate and 15 percent surplus. **Subsoil moisture** was rated 6 percent short, 74 percent adequate and 20 percent surplus. Major farm activities this week included harvesting hay when possible, planting soybeans, setting tobacco and finishing up corn planting.

CORN: Corn planting was nearing completion by Sunday, June 1, with 95 percent in the ground. A year ago, virtually all corn had been planted with the five year average at 96 percent. About 84 percent of the planted acreage had emerged, compared with 96 percent a year ago and the average of 92 percent. Emerged corn was in fair to excellent condition, with 6 percent rated poor, 20 percent fair, 59 percent good and 15 percent excellent. Height of the most advanced fields averaged 17 inches statewide, while average height of emerged corn was 10 inches.

SOYBEANS: As of Sunday, June 1, just 38 percent of the crop had been seeded. This is about two weeks behind last year and 10 days behind the average. Last year 74 percent had been seeded on June 1, and the five year average was 57 percent. About 18 percent of planted acreage had emerged, compared with last years 56 percent and the average of 42. Condition of emerged soybeans was rated 2 percent poor, 31 percent fair, 60 percent good, and 7 percent excellent.

TOBACCO: Cool temperatures and wet weather have slowed the progress of the tobacco crop. Close to half of the intended **burley** acreage had been set by June 1. Producers reported 48 percent of the crop had been transplanted compared with 75 percent a year ago and the average of 58 percent. **Dark tobacco** acreage was 42 percent set, compared with 69 percent last year and the average of 58. Condition of set tobacco was reported as 4 percent poor, 33 percent fair, 51 percent good, and 12 percent excellent. Some producers have mowed plants in beds several times to keep them small enough to set in the field. Other producers are dealing with transplants too small to set.

SMALL GRAINS: Harvest should start late this week for **barley**. Most producers expect a good quality crop. **Wheat** harvest is expected to begin in southern Kentucky in about two weeks. Wet weather has caused some lodging, along with some concern that head scab and blight may affect yield and test weight. Wheat condition was reported as 1 percent very poor, 2 percent poor, 20 percent fair, 45 percent good and 32 percent excellent.

OTHER CROPS: Weather conditions have made **hay** harvest difficult. Much cut hay was rained on or had very poor curing conditions. **Pastures** were in fair to excellent condition and were rated 2 percent very poor, 6 percent poor, 34 percent fair, 48 percent good and 10 percent excellent. **Grain sorghum** planting advanced to 30 percent complete, well behind last year and the average.

CROP PROGRESS for week ending 06/01/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
		Percent		
Corn Planted	95	83	99	96
Corn Emerged	84	69	96	92
Soybeans Planted	38	23	74	57
Soybeans Emerged	18	8	56	42
Sorghum Planted	30	22	72	61
Barley Harvested	0	NA	29	16
Wheat Harvested	0	NA	6	2
Burley Tobacco Set	48	30	75	58
Dark Tobacco Set	42	32	69	58

SOIL MOISTURE for week ending 06/01/08

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	5	80	15
Subsoil	0	6	74	20

CROP CONDITIONS for week ending 06/01/08

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	0	6	20	59	15
Soybeans	0	2	31	60	7
Wheat	1	2	20	45	32
Pasture	2	6	34	48	10
Tobacco Set	0	4	33	51	12

KENTUCKY WEATHER SUMMARY, MAY 26 – JUNE 1, 2008:

Near Normal Temperatures and Rainfall:

Although State average precipitation was near normal, the amount of rainfall received varied greatly across the Commonwealth. A moisture rich weather system early in the period produced over 2 inches of rainfall for some locations in the West, resulting in well above average rainfall for the period at these locations. Some areas in Central and Bluegrass, however, received less than a tenth of an inch for the entire period; this resulted in significantly below average rainfall for these locations. Temperatures continued to be mild for the season with the 5th week in a row of normal or below normal temperatures.

Temperatures for the period averaged 68 degrees across the State which was 0 degree from normal and 6 degrees above the previous week. High temperatures averaged from 82 in the West to 80 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 0 degrees from normal in the East. Low temperatures averaged from 62 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 0 degree from normal in the East.

Rainfall for the period totaled 1.18 inches statewide which was 0.04 inches above normal. Rainfall totals by climate division, West 2.30 inches, Central 1.58 inches, Bluegrass 0.28 inches and East 0.64 inches, which was respectively 1.13 inches above normal, 0.37 inches above normal, 0.92 inches below normal and 0.39 inches below normal. By station, precipitation totals ranged from a low of 0.07 inches at Lexington to a high of 4.60 inches at Evansville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 1, 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	0.17	11.16	2.92	+2.69	-1.10	85	49	70.5	+0	143	725	-62
Berea	2.06	10.58	4.07	+1.38	-0.25	84	49	68.5	-1	127	738	-80
Bowling Green	1.42	11.14	3.44	+1.74	-1.00	87	55	72.7	+3	156	811	-8
Bristol	0.20	4.34	1.43	-2.98	-2.08	87	50	69.7	+0	137	760	+35
Buckhorn Lake	0.51	6.85	2.93	-1.15	-0.79	85	52	70.4	+1	141	719	-4
Cape Girardeau	2.66	14.17	4.21	+4.43	-0.43	88	55	73.1	+1	160	745	-106
Campbellsville	0.69	10.02	2.45	-0.05	-2.21	84	51	69.8	-0	135	758	-59
Covington	0.22	9.07	5.50	+0.91	+1.64	85	48	68.9	-0	133	632	-62
Cumberland Gap	0.22	7.14	1.89	-1.89	-2.44	85	52	70.6	+1	142	730	+6
Dix Dam	0.76	8.46	3.25	-0.62	-1.00	84	50	69.1	-0	132	686	-101
Evansville	4.60	14.24	7.21	+5.35	+2.96	87	52	72.0	-0	151	706	-83
Glasgow	1.48	12.66	3.38	+2.90	-1.18	87	52	72.5	+2	155	853	+95
Grayson	0.21	10.23	5.51	+2.21	+1.67	84	46	69.0	-0	133	683	+21
Hardinsburg	2.14	13.68	5.60	+4.37	+1.23	86	52	70.9	+1	144	742	-77
Henderson	2.59	12.80	5.49	+3.86	+1.40	86	55	71.6	-1	150	724	-95
Huntington	0.15	9.21	5.78	+1.23	+1.95	85	44	69.0	-0	134	700	-24
Jackson	1.25	7.79	3.75	-0.92	-0.28	83	50	68.9	-0	130	722	-1
Lexington	0.07	10.27	3.16	+1.80	-0.86	84	50	69.6	+0	135	654	-41
London	1.26	8.11	3.44	-0.19	-0.39	84	54	70.0	+1	139	765	+41
Louisville	0.23	12.60	4.27	+3.63	+0.13	88	52	73.0	+3	158	763	-26
Mayfield	1.30	7.79	2.30	-2.38	-2.18	85	52	70.5	-2	141	716	-164
Nashville	1.93	13.37	4.44	+4.00	+0.07	89	53	74.0	+4	164	871	-10
Nolin Lake	2.93	14.71	5.35	+4.57	+0.45	85	55	71.9	+2	151	782	-3
Paducah	3.11	13.54	5.00	+3.46	+0.56	88	55	73.5	+1	162	801	-50
Princeton	1.22	12.87	3.01	+2.98	-1.44	88	51	73.1	+1	159	839	-10
Quicksand	1.19	7.23	3.20	-1.48	-0.83	85	52	70.4	+1	140	719	-4
Somerset	1.35	10.28	3.71	+0.72	-0.85	83	44	66.1	-3	115	684	-102
Spindletop	0.33	10.81	4.03	+2.34	+0.01	83	48	68.7	-1	131	651	-44
Williamstown	1.28	10.97	5.94	+2.28	+1.97	85	49	69.3	+0	134	633	-62