



**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

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AGRICULTURAL NEWS: Kentucky experienced a beautiful, mostly rain free period last week in which there were 6.1 days suitable for fieldwork out of the possible 7 days. Farm activities last week included tobacco topping, cutting and housing, harvesting hay, preparing combines, trucks and grain bins for corn harvest. **Topsoil moisture** was rated as 2 percent very short, 23 percent short, 73 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 1 percent very short, 20 percent short, 76 percent adequate, and 3 percent surplus.

CORN: Reporters feel generally confident about the corn crop and rated corn condition as mostly good to excellent with 2 percent rated poor, 10 percent fair, 46 percent good, and 42 percent excellent. Eighty-four percent was in the dough stage or beyond, behind both last year's 91 percent and the five year average of 98 percent. Sixty-eight percent of the corn acreage was in the dent stage, compared to 75 percent for the previous year and the five year average of 86 percent. Nineteen percent of the corn acreage was considered mature, behind the 27 percent for the previous year and the five year average of 51 percent.

SOYBEANS: Soybean condition was rated 1 percent very poor, 3 percent poor, 14 percent fair, 44 percent good, and 38 percent excellent. Although the crop is rated mostly good to excellent, producers seem to be reserving judgment about this year's crop, waiting to see how pod fill develops and how much rain the double-crop beans receive. As of Sunday, August 30, 87 percent of the soybeans were setting pods, tied with the five year average of 87 percent and slightly ahead of last year's 86 percent. Three percent of soybeans were shedding leaves, the same as last year, but behind the 6 percent for the five year average.

TOBACCO: Tobacco condition is mostly good to excellent with 1 percent rated very poor, 2 percent poor, 10 percent fair, 51 percent good, and 36 percent excellent. As of Sunday, August 30, 88

percent of the burley had been topped, compared to last year's 90 percent, and the average of 95 percent. Thirty-nine percent of burley tobacco has been cut, behind both the 43 percent cut last year, and 47 percent for the five year average. Thirty-eight percent of the dark tobacco has been cut, compared to 45 percent last year and the average of 42 percent.

OTHER CROPS AND PASTURE: Hay harvest picked up again last week due to the generally clear weather. Hay remains in mostly good to excellent condition with 2 percent very poor, 3 percent poor, 15 percent fair, 56 percent good, and 24 percent excellent. Pasture condition was rated as 2 percent very poor, 4 percent poor, 17 percent fair, 57 percent good, and 20 percent excellent.

CROP PROGRESS for week ending 08/30/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dough	84	74	91	98
Corn Dent	68	51	75	86
Corn Mature	19	5	27	51
Soybeans Setting Pods	87	79	86	87
Soybeans Dropping Leaves	3	NA	3	6
Burley Tobacco Topped	88	81	90	95
Burley Tobacco Cut	39	20	43	47
Dark Tobacco Cut	38	12	45	42

SOIL MOISTURE for week ending 08/30/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	2	23	73	2
Subsoil	1	20	76	3

CROP CONDITIONS for week ending 08/30/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	2	10	46	42
Soybeans	1	3	14	44	38
Pasture	2	4	17	57	20
Hay Crops	2	3	15	56	24
Tobacco	1	2	10	51	36

KENTUCKY WEATHER SUMMARY, AUGUST 24 - 30, 2009:

Below normal temperatures and rainfall:

Last week was a mild and dry week in the Bluegrass State. Conditions seem to have dried out some as the state received below normal rainfall for the 2nd time in 3 weeks. Below normal temperatures continued to be the rule as they have for the majority of the summer as below normal values were reported throughout the Commonwealth for the 7th week of the past 9.

Temperatures for the period averaged 73 degrees across the state which was 2 degrees below normal. High temperatures averaged from 83 in the West to 81 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 61 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 0.20 inches statewide which was 0.64 inches below normal. Rainfall totals by climate division, West 0.27 inches, Central 0.13 inches, Bluegrass 0.21 inches and East 0.19 inches, which was respectively 0.52, 0.78, 0.70 and 0.60 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at Glasgow to a high of 0.50 inches at Berea.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 30, 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	0.18	27.53	0.84	+6.72	-2.71	89	55	72.8	+0	154	2871	+12
Berea	0.50	18.61	2.06	-2.69	-1.54	86	52	69.8	-2	137	2709	-242
Bowling Green	0.42	29.26	1.76	+7.69	-1.41	91	56	74.1	+2	161	3145	+164
Bristol	0.15	19.24	0.96	+1.11	-1.90	88	58	72.4	+1	154	2774	+37
Buckhorn Lake	0.14	18.60	1.55	-1.78	-1.75	85	54	69.8	-2	137	2657	+71
Cape Girardeau	0.08	15.86	0.75	-4.15	-2.40	89	53	71.4	-3	145	3080	-54
Campbellsville	0.06	23.18	2.04	-0.70	-2.09	86	56	70.9	-1	145	2781	-140
Covington	0.01	22.77	1.77	+3.42	-1.26	91	50	71.0	-0	143	2696	-12
Cumberland Gap	0.12	21.24	3.12	-1.37	-0.79	87	56	71.6	+0	149	2807	+100
Dix Dam	0.09	18.70	0.63	-2.66	-2.89	87	55	71.1	-0	145	2726	-163
Evansville	0.05	22.52	1.25	+3.21	-1.56	90	55	72.2	-2	151	3019	+37
Glasgow	0.00	25.50	0.34	+2.08	-3.30	91	58	74.9	+3	167	3085	+194
Grayson	0.10	19.87	1.96	-0.35	-1.43	87	52	70.1	-1	139	2611	+56
Hardinsburg	0.00	28.72	3.57	+7.32	+0.16	89	55	73.0	+1	156	2869	-112
Henderson	0.00	19.67	1.02	-0.09	-1.84	88	54	71.1	-3	145	2869	-143
Huntington	0.02	24.57	2.16	+4.27	-1.40	90	57	72.8	+1	155	2751	+13
Jackson	0.27	29.80	2.78	+8.27	-0.84	87	58	72.1	+1	153	2765	+179
Lexington	0.32	28.12	4.43	+7.31	+0.88	88	56	72.1	+1	151	2805	+67
London	0.08	27.68	3.18	+7.92	+0.19	87	56	71.6	+0	149	2858	+151
Louisville	0.10	30.22	5.87	+9.97	+2.67	90	57	74.0	+2	162	3032	+20
Mayfield	0.00	16.92	1.82	-4.71	-1.64	89	54	72.8	-1	154	2957	-85
Nashville	0.10	25.03	2.07	+4.89	-1.06	90	58	75.1	+3	169	3252	+58
Nolin Lake	0.00	26.90	1.81	+4.29	-1.58	87	54	71.3	-1	146	2845	+77
Paducah	0.35	26.02	3.26	+4.60	+0.24	91	54	72.6	-2	153	3181	+78
Princeton	0.00	29.32	2.41	+7.54	-1.21	91	56	72.7	-1	152	3044	-28
Quicksand	0.19	22.87	1.86	+1.34	-1.76	88	56	72.2	+1	152	2766	+180
Somerset	0.00	21.08	1.22	-1.26	-2.32	87	54	70.6	-1	141	2737	-61
Spindletop	0.24	25.93	4.63	+5.12	+1.08	89	54	71.6	+0	147	2753	+15
Williamstown	0.12	28.05	3.29	+7.58	-0.08	86	53	70.1	-1	139	2625	-113

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/>