



**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 pleasant, unusually cool but mostly rain free period last week in which there were 6.0 days suitable for fieldwork out of the possible 7 days. Farm activities last week included cutting and housing of tobacco, cutting hay, and preparing combines, trucks and grain bins for corn harvest. **Topsoil moisture** was rated as 5 percent very short, 32 percent short, 62 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 4 percent very short, 25 percent short, 67 percent adequate, and 4 percent surplus.

CORN: Despite several reports of pest and disease problems, most reporters feel generally confident about the corn crop and rated corn condition as mostly good to excellent with 1 percent rated poor, 10 percent fair, 41 percent good, and 48 percent excellent. Ninety-five percent was in the dough stage or beyond, behind both last year's 98 percent and the five year average of 100 percent. Eighty-two percent of the corn acreage was in the dent stage, compared to 84 percent for the previous year and the five year average of 91 percent. Thirty percent of the corn acreage was considered mature, behind the 56 percent for the previous year and the five year average of 66 percent.

SOYBEANS: Soybean condition was rated 1 percent poor, 18 percent fair, 41 percent good, and 40 percent excellent. Although the crop is rated mostly good to excellent, producers seem to be reserving judgment about this year's double-crop beans. There were reports of double crop beans being under stress due to lack of rain in some locations. As of Sunday, September 6, 95 percent of the soybeans were setting pods, ahead of both the five year average of 94 percent and last year's 91 percent. Eight percent of soybeans were shedding leaves, slightly ahead of last year's 6 percent, but behind the 11 percent for the five year average.

TOBACCO: Tobacco condition is mostly good to excellent with 1 percent rated very poor, 6 percent

poor, 17 percent fair, 49 percent good, and 27 percent excellent. Fifty percent of burley tobacco has been cut, behind both the 55 percent cut last year, and 59 percent for the five year average. Forty-six percent of the dark tobacco has been cut, compared to 59 percent last year and the five year average of 53 percent. Twenty percent of our respondents reported evidence of houseburn.

OTHER CROPS AND PASTURE: Hay harvest conditions have been excellent the last week due to the generally clear weather. Hay remains in mostly good to excellent condition with 1 percent very poor, 6 percent poor, 20 percent fair, 52 percent good, and 21 percent excellent. Pasture condition was rated as 2 percent very poor, 6 percent poor, 22 percent fair, 50 percent good, and 20 percent excellent.

CROP PROGRESS for week ending 09/06/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dough	95	84	98	100
Corn Dent	82	68	84	91
Corn Mature	30	19	56	66
Soybeans Setting Pods	95	87	91	94
Soybeans Dropping Leaves	8	3	6	11
Burley Tobacco Cut	50	39	55	59
Dark Tobacco Cut	46	38	59	53

SOIL MOISTURE for week ending 09/06/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	5	32	62	1
Subsoil	4	25	67	4

CROP CONDITIONS for week ending 09/06/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	1	10	41	48
Soybeans	0	1	18	41	40
Pasture	2	6	22	50	20
Hay Crops	1	6	20	52	21
Tobacco	1	6	17	49	27

KENTUCKY WEATHER SUMMARY, AUGUST 31 - SEPTEMBER 6, 2009:

Below normal temperatures and below normal rainfall:

Another cool week for the Bluegrass state as dry conditions dominated the eastern half of the state with more rainfall in the west and below normal rainfall overall. Cooler temperatures started off the workweek with a slight warming trend through Friday and a return to slightly cooler temperatures during the weekend.

Temperatures for the period averaged 69 degrees across the state which was 2 degrees below normal and 4 degrees cooler than the previous week. High temperatures averaged from 80 in the West to 79 in the East. Departure from normal high temperatures ranged from 4 degrees below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 58 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 3 degrees below normal in the West to 2 degrees below normal in the East.

Rainfall for the period totaled 0.65 inches statewide which was 0.16 inches below normal. Rainfall totals by climate division, West 1.42 inches, Central 0.81 inches, Bluegrass 0.19 inches and East 0.18 inches, which was +0.61, -0.04, -0.60 and -0.61 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Cape Girardeau to a high of 2.60 inches at Evansville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 6, 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	1.02	28.55	1.71	+6.97	-1.72	84	50	68.2	-3	125	2996	+6
Berea	0.18	18.79	1.05	-3.44	-2.58	82	47	65.8	-4	110	2819	-270
Bowling Green	1.39	30.65	2.53	+8.23	-0.70	87	52	70.1	-1	140	3285	+166
Bristol	0.02	19.26	0.83	+0.38	-2.07	86	54	70.0	+0	139	2913	+45
Buckhorn Lake	0.08	18.68	0.44	-2.55	-2.88	82	52	66.5	-3	113	2770	+61
Cape Girardeau	0.00	15.86	0.69	-4.97	-2.50	85	48	68.2	-5	128	3208	-65
Campbellsville	1.39	24.57	2.87	-0.39	-1.30	83	52	67.4	-3	121	2902	-157
Covington	0.10	22.87	0.72	+2.83	-2.23	83	51	69.1	-1	132	2828	-5
Cumberland Gap	0.47	21.71	1.01	-1.66	-2.68	84	52	68.4	-2	128	2935	+97
Dix Dam	0.00	18.70	0.19	-3.47	-3.26	82	51	67.3	-3	118	2844	-183
Evansville	2.60	25.12	3.63	+5.12	+0.83	84	51	69.6	-3	135	3154	+34
Glasgow	0.90	26.40	1.03	+2.07	-2.61	88	53	70.6	-0	141	3226	+197
Grayson	0.00	19.87	0.68	-1.02	-2.53	80	49	66.4	-4	114	2725	+46
Hardinsburg	0.50	29.22	2.68	+6.97	-0.73	85	51	69.6	-1	136	3005	-120
Henderson	1.04	20.71	1.94	+0.16	-1.00	83	51	68.4	-4	128	2997	-153
Huntington	0.00	24.57	1.05	+3.58	-2.31	83	52	68.0	-2	125	2876	+13
Jackson	0.32	30.12	1.08	+7.76	-2.47	82	52	68.1	-2	125	2890	+181
Lexington	0.00	28.12	2.78	+6.54	-0.65	82	52	68.1	-2	126	2931	+62
London	0.17	27.85	1.86	+7.28	-1.19	83	54	68.7	-1	129	2987	+155
Louisville	0.13	30.35	1.47	+9.36	-1.67	86	53	71.0	+0	146	3178	+27
Mayfield	1.85	18.77	2.29	-3.77	-1.22	88	53	69.9	-3	137	3094	-92
Nashville	0.32	25.35	1.31	+4.42	-1.83	87	56	71.8	+1	151	3403	+57
Nolin Lake	0.91	27.81	2.02	+4.24	-1.49	84	53	68.6	-2	129	2974	+75
Paducah	2.30	28.32	3.44	+6.05	+0.33	85	54	69.8	-3	138	3319	+77
Princeton	0.74	30.06	1.65	+7.48	-1.86	85	52	69.4	-3	135	3179	-38
Quicksand	0.24	23.11	0.78	+0.75	-2.77	83	50	67.4	-3	120	2886	+177
Somerset	0.16	21.24	1.03	-2.03	-2.55	85	50	68.0	-2	123	2860	-69
Spindletop	0.00	26.21	2.76	+4.63	-0.67	83	51	67.9	-2	125	2878	+9
Williamstown	0.83	28.88	2.75	+7.65	-0.54	81	49	67.1	-3	118	2743	-126

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/>