



**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

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AGRICULTURAL NEWS: Dry, cool weather enabled farmers to make some much needed progress on their fieldwork this past week. There were 4.4 days suitable for fieldwork out of the possible 7 days. **Topsoil moisture** was rated as 1 percent short, 82 percent adequate, and 17 percent surplus. **Subsoil moisture** was rated 8 percent short, 84 percent adequate, and 8 percent surplus. Rainfall totaled 0.47 inches statewide which was 0.26 inches below normal. Temperatures for the week averaged 58 degrees which was 5 degrees below normal.

CORN: Thirty-eight percent of the corn acreage was reported harvested, well behind last year's 57 percent and the five year average of 69 percent. The corn condition reported was mostly good to excellent with 1 percent rated poor, 5 percent fair, 51 percent good, and 43 percent excellent. Eighty-six percent of the corn acreage was considered mature, behind both the 96 percent for the previous year and the five year average of 97 percent.

SOYBEANS: As of Sunday, October 4, 10 percent of soybeans were harvested, compared to 16 percent last year and 20 percent for the five year average. Soybean condition was rated 1 percent poor, 8 percent fair, 52 percent good, and 39 percent excellent. Seventy-four percent of soybeans were shedding leaves, compared to last year's 79 percent and 81 percent for the five year average. About 45 percent of the soybean crop had matured, compared to last year's 51 percent and 58 percent for the five year average. Farmers reported 83 percent of the soybean crop was safe from frost damage.

TOBACCO: Housed tobacco condition was rated 1 percent very poor, 3 percent poor, 26 percent fair, 54 percent good, and 16 percent excellent. Eighty-nine percent of burley tobacco had been cut, behind both the 99 percent cut last year, and 96 percent for the

five year average. Eighty-one percent of the dark tobacco had been cut, compared to 96 percent last year and the five year average of 97 percent. One percent of tobacco had been stripped, 14 percent was ready for stripping and 85 percent was not ready for stripping. Farmers reported that houseburn and mold continued to be a concern.

OTHER CROPS AND PASTURE: Wheat seeding was underway with 5 percent of the crop seeded, compared to 6 percent last year and 10 percent for the five year average. Pasture condition was rated as 1 percent very poor, 3 percent poor, 16 percent fair, 58 percent good, and 22 percent excellent.

CROP PROGRESS for week ending 10/04/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Mature	86	78	96	97
Corn Harvested	38	18	57	69
Soybeans Dropping Leaves	74	60	79	81
Soybeans Mature	45	25	51	58
Soybeans Harvested	10	2	16	20
Winter Wheat Seeded	5	NA	6	10
Burley Tobacco Cut	89	79	99	96
Dark Tobacco Cut	81	68	96	97

SOIL MOISTURE for week ending 10/04/09

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	1	82	17
Subsoil	0	8	84	8

CROP CONDITIONS for week ending 10/04/09

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	0	1	5	51	43
Soybeans	0	1	8	52	39
Pasture	1	3	16	58	22
Tobacco	1	3	26	54	16

KENTUCKY WEATHER SUMMARY, SEPTEMBER 28 – OCTOBER 4, 2009:

Below normal temperatures and below normal rainfall:

After two weeks with wet, mild conditions, last week was both cooler and drier than normal which benefited field activities and harvest operations, mainly in central and east locations.

Temperatures for the period averaged 58 degrees across the state which was 5 degrees below normal and over 10 degrees cooler than the previous week. High temperatures averaged from 69 in the West to 66 in the East. Departure from normal high temperatures ranged from 8 degrees below normal in the West to 8 degrees below normal in the East. Low temperatures averaged from 49 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 4 degrees below normal in the West to 2 degrees below normal in the East.

Rainfall for the period totaled 0.47 inches statewide which was 0.26 inches below normal. Rainfall totals by climate division, West 0.59 inches, Central 0.76 inches, Bluegrass 0.42 inches and East 0.09 inches, which was -0.15, +0.02, -0.27 and -0.63 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Bristol to a high of 1.04 inches at Louisville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 4, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Average	
		(Inches)						(Degrees Fahrenheit)		High	Low
Bardstown	0.46	33.80	5.25	+9.33	+2.36	70	41	58.1	-5	89	52
Berea	0.12	22.94	4.15	-2.85	+0.59	70	40	57.6	-4	90	53
Bowling Green	0.91	35.90	5.25	+10.11	+1.88	72	45	60.1	-3	85	46
Bristol	0.00	24.29	5.03	+2.47	+2.09	76	40	56.9	-5	95	45
Buckhorn Lake	0.04	25.49	6.81	+0.97	+3.52	69	39	56.6	-5	84	44
Cape Girardeau	0.12	18.38	2.52	-5.70	-0.72	78	41	58.6	-7	92	45
Campbellsville	0.68	27.77	3.20	-1.31	-0.92	69	41	57.8	-5	92	54
Covington	0.54	28.23	5.36	+5.52	+2.69	66	41	56.3	-6	87	46
Cumberland Gap	0.07	26.57	4.86	+0.31	+1.97	72	41	57.2	-5	95	45
Dix Dam	0.40	22.08	3.38	-3.19	+0.28	68	40	56.7	-5	83	44
Evansville	0.60	28.27	3.15	+5.52	+0.40	70	42	57.6	-8	84	49
Glasgow	0.59	32.41	6.01	+4.58	+2.51	74	43	60.5	-3	91	33
Grayson	0.14	25.26	5.39	+1.78	+2.80	69	40	56.3	-6	93	54
Hardinsburg	0.90	32.62	3.40	+7.06	+0.09	69	41	57.6	-5	94	56
Henderson	0.47	22.11	1.40	-1.57	-1.73	75	40	59.1	-6	84	49
Huntington	0.01	27.60	3.03	+3.99	+0.41	71	40	56.8	-5	89	48
Jackson	0.02	34.71	4.59	+9.15	+1.40	70	44	57.2	-5	86	48
Lexington	0.39	34.41	6.29	+9.94	+3.40	67	42	56.9	-5	83	44
London	0.00	33.12	5.27	+9.41	+2.13	71	42	57.7	-4	91	48
Louisville	1.04	36.96	6.61	+13.09	+3.73	69	48	59.3	-4	84	47
Mayfield	1.01	22.78	4.01	-3.41	+0.37	76	46	59.9	-5	93	54
Nashville	0.58	34.18	8.83	+10.18	+5.76	76	47	61.3	-2	89	48
Nolin Lake	0.67	29.24	1.43	+1.88	-2.36	68	40	56.7	-6	91	33
Paducah	0.50	31.24	2.92	+5.63	-0.42	77	43	58.9	-6	87	47
Princeton	0.85	34.78	4.72	+9.15	+1.66	79	42	60.3	-5	93	55
Quicksand	0.03	26.98	3.87	+1.42	+0.68	72	41	56.8	-5	93	54
Somerset	0.40	23.92	2.68	-2.97	-0.94	70	40	57.9	-4	92	45
Spindletop	0.29	31.87	5.66	+7.40	+2.77	70	43	56.1	-6	92	53
Williamstown	0.77	33.03	4.15	+8.86	+1.21	66	39	55.6	-6	93	54

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/>