



**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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5-09

AGRICULTURAL NEWS: Derby week brought the return of precipitation and increasingly milder weather. Temperature average, at 67 degrees, was 6 degrees above normal for this point in the season. Total rainfall for the week was 1.54 inches, .52 inches above average. **Topsoil moisture** was rated as 2 percent short, 47 percent adequate, and 51 percent surplus. **Subsoil moisture** was rated as 4 percent short, 58 percent adequate, and 38 percent surplus. There were 2.5 days, out of a possible 7, suitable for fieldwork. Farmers were once again contending with the wet conditions.

TOBACCO: As of Sunday May 3, 30 percent of tobacco plants were less than 2 inches tall, 39 percent were 2 to 4 inches tall, and 31 percent were taller than 4 inches. Only 1 percent of burley tobacco acreage had been set, 2 percent under the five year average.

ROW CROPS: Corn planting progress was once again inhibited by the wet weather. Reported progress was 35 percent of intended acreage planted, down 16 percent from last year, and down 36 percent from the five year average. Corn emergence was reported at 12 percent, 4 percent below the previous year, and 29 percent below the five year average. Emerged corn condition was rated 5 percent poor, 28 percent fair, 59 percent good, and 8 percent excellent. Soybean planting progress was reported at 1 percent, 4 percent below last year, and 6 percent below the five year average.

SMALL GRAINS: Winter wheat condition was reported as 2 percent poor, 18 percent fair, 59 percent good, and 21 percent excellent. Winter wheat headed was 27 percent, 7 percent ahead of

last year, and 14 percent below the five year average.

OTHER CROPS AND PASTURE: For the week of May 3, hay crop condition was rated as 1 percent very poor, 6 percent poor, 36 percent fair, 44 percent good, and 13 percent excellent. There was 99 percent of the normal nitrogen fertilizer supply available to farmers. Pasture condition was rated as 1 percent very poor, 7 percent poor, 31 percent fair, 49 percent good, and 12 percent excellent.

CROP PROGRESS for week ending 05/03/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	35	20	51	71
Corn Emerged	12	2	16	41
Wheat Headed	27	4	20	41
Soybeans Planted	1	0	5	7
Burley Tobacco Set	1	0	0	3
Dark Tobacco Set	0	0	3	2

SOIL MOISTURE for week ending 05/03/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	2	47	51
Subsoil	0	4	58	38

CROP CONDITIONS for week ending 05/03/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn Emerged	0	5	28	59	8
Wheat	0	2	18	59	21
Pasture	1	7	31	49	12
Hay Crops	1	6	36	44	13

KENTUCKY WEATHER SUMMARY, APRIL 27 – MAY 3, 2009:

Above Normal Temperatures and Above Normal Rainfall:

Warm, dry weather conditions started off the work week with temperatures in the 80's, Wet, cool conditions returned to the Bluegrass state by mid-week as agricultural operations and most field activities were interrupted again this planting season. This was the 5th week in the past 6 weeks with above normal rainfall.

Temperatures for the period averaged 67 degrees across the state which was 6 degrees above normal and 6 degrees warmer than the previous week. High temperatures averaged from 74 in the West to 75 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 4 degrees above normal in the East. Low temperatures averaged from 60 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 9 degrees above normal in the West to 9 degrees above normal in the East.

Precipitation (liq. equ.) for the period totaled 1.54 inches statewide which was 0.52 inches above normal. Precipitation totals by climate division, West 2.52 inches, Central 1.53 inches, Bluegrass 0.93 inches and East 1.16 inches, which was +1.44, +0.48, -0.05 and +0.20 inches respectively from normal. By station, precipitation totals ranged from a low of 0.54 inches at Quicksand to a high of 3.93 inches at Nashville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 3, 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	0.83	6.62	5.59	+2.31	+1.92	83	51	66.8	+5	115	348	+3
Berea	1.14	5.48	4.56	+0.75	+0.54	84	54	68.9	+9	132	347	-1
Bowling Green	1.74	5.98	3.38	+1.18	-0.70	85	54	66.4	+5	113	354	+6
Bristol	0.70	3.23	2.56	-0.45	-0.57	87	49	65.9	+6	109	313	+1
Buckhorn Lake	1.09	3.77	3.03	-0.38	-0.49	85	53	67.4	+7	119	316	+4
Cape Girardeau	2.45	6.06	5.62	+1.13	+1.43	81	52	66.1	+2	111	347	-4
Campbellsville	2.02	7.55	5.37	+2.31	+0.92	86	53	67.7	+6	122	341	-7
Covington	0.72	4.03	3.23	-0.13	-0.31	83	51	65.6	+5	108	294	+12
Cumberland Gap	0.76	4.67	3.72	+0.12	-0.15	85	53	67.4	+7	119	316	+4
Dix Dam	0.80	5.23	3.69	+0.55	-0.29	85	52	68.2	+8	127	325	-20
Evansville	2.52	7.24	6.08	+2.76	+2.27	83	51	66.6	+3	115	350	+32
Glasgow	1.95	8.20	5.13	+3.16	+0.85	85	53	66.4	+5	112	372	+84
Grayson	0.76	3.59	3.23	-0.45	-0.21	88	52	68.8	+8	128	334	+55
Hardinsburg	1.25	8.27	6.97	+3.49	+2.91	84	51	68.0	+6	124	324	-24
Henderson	2.15	6.62	4.74	+1.92	+0.75	85	51	68.9	+5	129	339	-9
Huntington	0.72	3.98	3.35	-0.03	-0.06	89	52	66.5	+6	113	324	+12
Jackson	1.30	4.61	3.88	+0.08	+0.03	88	53	66.1	+6	109	336	+24
Lexington	0.70	5.32	4.28	+1.01	+0.61	83	52	65.0	+5	104	296	+14
London	1.56	5.23	4.06	+0.90	+0.38	85	53	65.7	+5	109	324	+12
Louisville	1.35	4.35	3.31	-0.33	-0.66	86	51	69.2	+8	133	359	+41
Mayfield	2.38	4.45	3.66	-1.08	-1.03	85	53	67.4	+4	119	325	-56
Nashville	3.93	7.83	5.97	+2.99	+1.86	85	59	67.7	+6	121	385	+4
Nolin Lake	2.06	7.12	4.56	+2.06	+0.25	85	53	68.8	+7	131	356	+11
Paducah	2.94	5.84	4.96	+0.35	+0.31	84	52	66.8	+3	115	370	+19
Princeton	2.71	7.12	4.63	+1.84	+0.15	85	50	67.5	+4	121	369	-9
Quicksand	0.54	3.87	3.11	-0.66	-0.74	85	53	67.2	+7	118	314	+2
Somerset	2.53	7.28	5.20	+2.44	+1.08	85	53	66.2	+6	111	297	-48
Spindletop	1.03	5.32	3.91	+1.01	+0.24	82	51	64.6	+4	99	294	+12
Williamstown	1.18	6.45	5.59	+1.87	+1.70	85	51	67.4	+7	121	304	+22

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/>