



**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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7-09

AGRICULTURAL NEWS: Above normal rainfall and temperatures prevailed across the commonwealth this past week. Temperature average, at 65 degrees, was 1 degree above normal for this point in the season. Total rainfall for the week was 1.15 inches, 0.12 inches above average. **Topsoil moisture** was rated as 1 percent short, 39 percent adequate, and 60 percent surplus. **Subsoil moisture** was rated as 2 percent short, 53 percent adequate, and 45 percent surplus. There were 1.5 days, out of a possible 7, suitable for fieldwork. Farmers were once again contending with the wet conditions. The main farming activities for the week were planting corn and soybeans, setting tobacco, cutting hay and spraying fungicide; however the wet weather and soil saturation did not permit much fieldwork.

TOBACCO: As of Sunday May 17, 7 percent of burley tobacco acreage had been set compared with 10 percent last year and the five year average of 19 percent. Three percent of the dark tobacco has been set, behind of last year's 9 percent and the five year average of 15 percent. Farmers reported the tobacco crop condition as 2 percent poor, 34 percent fair, 51 percent good and 13 percent excellent. Tobacco producers were anxious for the fields to dry from the rain to continue tobacco setting.

ROW CROPS: Corn planting progress was once again inhibited by the wet weather. Reported progress was 45 percent of intended acreage planted, down 27 percent from last year, and down 44 percent from the five year average. Corn emergence was reported at 37 percent, 15 percent below the previous year, and 36 percent below the five year average. Emerged corn condition was rated 4 percent very poor, 15 percent poor, 38 percent fair, 37 percent good, and 6 percent excellent. Some fields will need to be replanted due to standing water. Soybean planting progress was reported at 3 percent, 9 percent below last year, and 24 percent below the five year average.

SMALL GRAINS: Winter wheat condition was reported as 1 percent very poor, 7 percent poor, 26 percent fair, 49 percent good, and 17 percent excellent. Some lodging was reported due to the rain and wind. Some farmers report that the wet weather has increased the disease level in the winter wheat

crop. Rains have prevented widespread spraying for disease, however some farmers have been applying fungicides.

OTHER CROPS AND PASTURE: For the week of May 17, hay crop condition was rated as 1 percent very poor, 6 percent poor, 32 percent fair, 46 percent good, and 15 percent excellent. Pasture condition was rated as 1 percent very poor, 4 percent poor, 25 percent fair, 53 percent good, and 17 percent excellent. Some farmers reported cutting their first crop of hay in the past week. Strawberry growers reported 39 percent of their berries as small, 46 percent medium, and 15 percent as large.

CROP PROGRESS for week ending 05/17/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	45	39	72	89
Corn Emerged	37	27	52	73
Soybeans Planted	3	2	12	27
Soybeans Emerged	2	1	4	7
Burley Tobacco Set	7	2	10	19
Dark Tobacco Set	3	0	9	15

SOIL MOISTURE for week ending 05/17/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	1	39	60
Subsoil	0	2	53	45

CROP CONDITIONS for week ending 05/17/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn Emerged	4	15	38	37	6
Wheat	1	7	26	49	17
Pasture	1	4	25	53	17
Hay Crops	1	6	32	46	15
Tobacco Set	0	2	34	51	13

KENTUCKY WEATHER SUMMARY, MAY 11 - 17, 2009:

Above normal rainfall and temperatures:

Wet conditions continued across the Commonwealth as above normal rainfall was reported for the 7th week out of the past 8. Consequently, the excessive rainfall further delayed growers throughout the state. Temperatures continued to be warm with the Bluegrass State seeing above normal temperatures for the 4th straight week.

Temperatures for the period averaged 65 degrees across the state which was 1 degree above normal. High temperatures averaged from 76 in the West to 74 in the East. Departure from normal high temperatures ranged from 4 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 57 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 1 degree above normal in the West to 0 degree from normal in the East.

Rainfall for the period totaled 1.15 inches statewide which was 0.12 inches above normal. Rainfall totals by climate division, West 1.25 inches, Central 1.27 inches, Bluegrass 0.99 inches and East 1.10 inches, which was 0.16, 0.13, 0.01 and 0.14 inches respectively above normal. By station, rainfall totals ranged from a low of 0.35 inches at Mayfield to a high of 1.53 inches at Henderson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 17, 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	1.51	10.54	5.07	+4.21	+1.20	81	46	64.1	-2	101	551	-4
Berea	0.50	8.72	5.14	+1.82	+0.94	81	46	64.9	+0	105	537	-35
Bowling Green	1.14	8.73	4.65	+1.70	+0.36	85	46	67.1	+1	119	582	+10
Bristol	0.76	6.22	3.93	+0.78	+0.58	81	43	62.4	-2	91	506	-2
Buckhorn Lake	1.16	4.99	2.45	-1.01	-1.18	80	46	64.4	-0	102	511	+3
Cape Girardeau	1.05	7.84	4.28	+0.56	-0.19	85	49	66.3	-2	114	570	-19
Campbellsville	0.94	10.18	4.88	+2.59	+0.30	83	47	65.1	-1	107	534	-38
Covington	1.44	6.30	3.50	+0.20	-0.22	81	43	62.1	-3	88	473	-5
Cumberland Gap	1.22	8.06	4.85	+1.34	+0.72	80	46	64.6	-0	103	512	+4
Dix Dam	0.84	9.07	4.96	+2.25	+0.81	80	45	63.9	-1	99	510	-45
Evansville	1.35	10.68	7.03	+4.06	+2.95	86	46	65.4	-3	110	558	+16
Glasgow	0.79	10.64	4.60	+3.32	+0.16	85	47	67.1	+1	119	591	+79
Grayson	0.85	7.28	4.73	+1.31	+1.06	82	42	63.8	-1	101	515	+54
Hardinsburg	0.92	12.63	6.82	+5.65	+2.57	84	48	66.9	+1	119	542	-30
Henderson	1.53	9.30	5.16	+2.54	+1.10	84	48	65.6	-2	110	546	-26
Huntington	0.96	7.88	4.92	+1.94	+1.26	83	41	63.1	-2	98	507	-1
Jackson	1.44	12.05	9.02	+5.49	+5.06	81	46	64.1	-1	100	519	+11
Lexington	0.65	8.39	4.16	+2.06	+0.29	80	44	63.1	-2	94	482	+4
London	0.98	10.83	7.31	+4.57	+3.54	81	48	64.6	-0	102	519	+11
Louisville	0.79	7.56	4.71	+0.80	+0.63	84	48	64.9	-1	104	545	+3
Mayfield	0.35	6.20	4.38	-1.60	-0.22	80	49	65.0	-3	104	522	-97
Nashville	1.46	11.95	8.11	+4.90	+3.83	83	49	67.2	+1	119	616	-3
Nolin Lake	0.99	11.39	6.44	+3.85	+1.77	85	47	66.6	+1	116	573	+18
Paducah	0.62	7.88	5.07	+0.16	+0.52	86	48	67.4	-1	120	601	+12
Princeton	0.93	10.06	5.69	+2.54	+1.21	85	50	68.1	+0	125	598	-4
Quicksand	1.44	11.46	8.41	+4.90	+4.45	80	46	64.4	-0	101	508	+0
Somerset	1.15	10.89	6.47	+3.76	+2.09	81	48	64.4	-0	99	483	-72
Spindletop	0.45	7.59	3.61	+1.26	-0.26	81	42	61.8	-3	86	465	-13
Williamstown	0.79	9.59	4.53	+3.02	+0.59	81	43	63.0	-2	95	489	+11

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/>