

**AGRICULTURAL NEWS:** Temperatures increased by 4 degrees from the previous week and were 2 degrees above normal for the first full week of May. Rainfall was above normal for the State this past week. **Topsoil moisture**, as of Friday, May 9 was rated 3 percent very short, 17 percent short, 51 percent adequate and 29 percent surplus. **Subsoil moisture**, was rated 2 percent very short, 21 percent short, 56 percent adequate and 21 percent surplus. **Days suitable for fieldwork** averaged 3.6 out of a possible 6 days. The midweek storms slowed primary farming activities. There were several reports of lodging of wheat due to high winds associated with those storms.

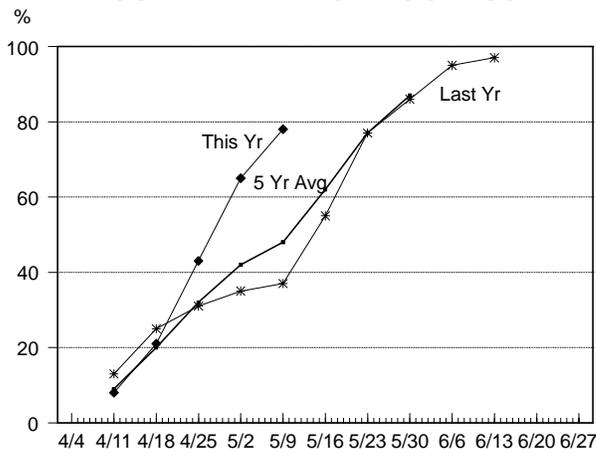
**TOBACCO:** Plant size of tobacco in beds and greenhouses was 35 percent less than 2 inches, 38 percent 2 to 4 inches and 27 percent larger than 4 inches. Ninety seven percent indicated that there is an adequate supply of plants, while 3 percent estimate a short supply. There was a report of freeze damage in eastern Kentucky to tobacco plants in conventional beds. Growers in this region anticipate a shortage as high as 20 percent. As of Sunday May 9, 5 percent of the intended burley tobacco has been set. Three percent of dark tobacco has been set.

**CORN:** Planting was generally well ahead of schedule with 78 percent of the intended acreage complete as of Sunday, May 9, compared to 37 percent last year and 48 percent for the five year average. Soil temperatures have slowed emergence because of the wet conditions and cool nights.

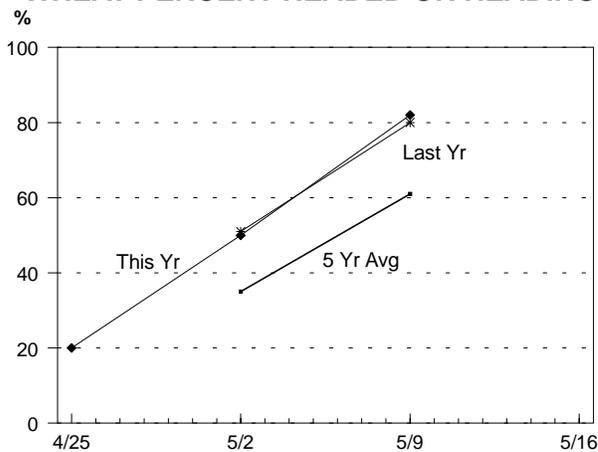
**SMALL GRAINS & LEGUMES:** Reports of lodging of wheat due to high winds were reported primarily in the western half of the State. About 82 percent of winter wheat was headed or is heading. As of Friday, May 9 wheat condition was rated 2 percent poor, 16 percent fair, 59 percent good and 23 percent excellent.

**OTHER CROPS:** Pasture condition was rated 1 percent very poor, 3 percent poor, 27 percent fair, 54 percent good and 15 percent excellent. There were several reports indicating pasture clipping was active for the past week. Hay condition was rated 1 percent very poor, 4 percent poor, 30 percent fair, 53 percent good, and 12 percent excellent.

**CORN PLANTING PROGRESS**



**WHEAT PERCENT HEADED OR HEADING**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING MAY 9, 1999  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	78	37	48	65	21
Emerged	54	22	35	33	5
Soybeans					
Planted	10	1	3	2	3
Wheat					
Headed or Heading	82	80	61	50	29
Burley Tobacco Set	5	3	4	1	NA
Dark Tobacco Set	3	-	3	1	NA

**SOIL MOISTURE**  
WEEK ENDING MAY 7, 1999  
WITH COMPARISONS

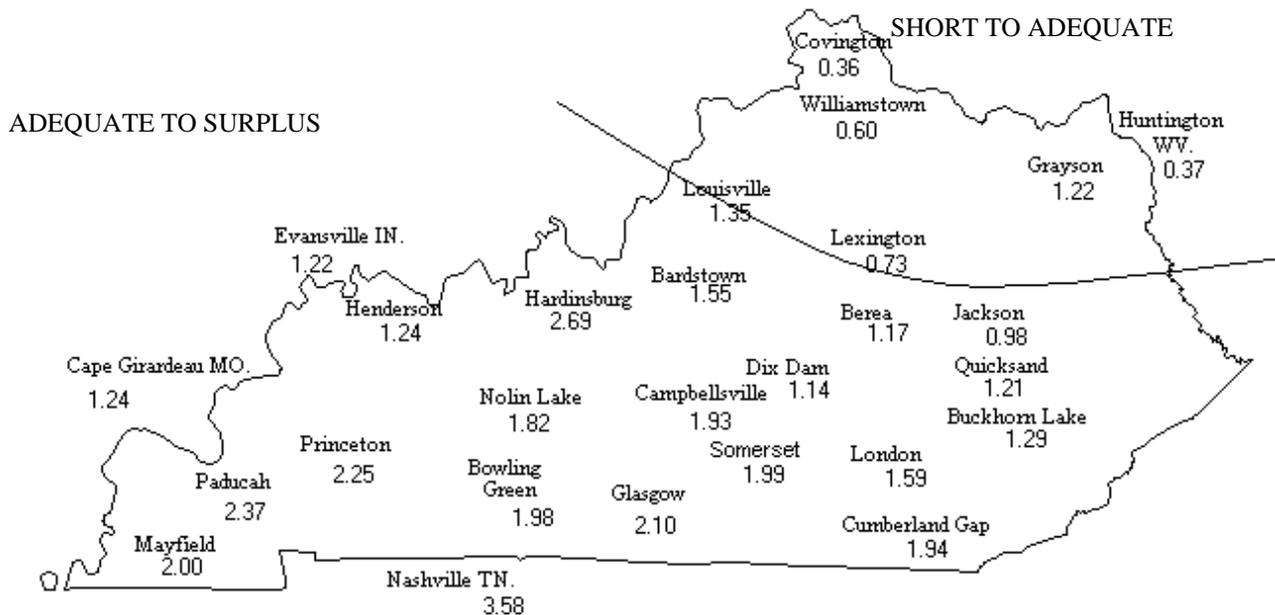
	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	3	0
Short	17	9
Adequate	51	69
Surplus	29	22
<b>SUBSOIL</b>		
Very Short	2	2
Short	21	15
Adequate	56	65
Surplus	21	18

(NA) Data Not Available

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING MAY 7, 1999					WEEK ENDING APRIL 30, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	1	3	26	54	16	0	1	24	60	15
Wheat	0	2	16	59	23	0	2	19	54	25
Pasture	1	3	27	54	15	0	5	29	52	14
Hay Crops	1	4	30	53	12	0	4	25	57	14

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 9, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 7, 1999**



# KENTUCKY WEATHER SUMMARY, MAY 3 - 9, 1999:

## ABOVE NORMAL Temperatures and Rainfall:

Temperatures for this past week averaged 65 degrees across the state which was 2 degrees ABOVE NORMAL and 4 degrees warmer than the previous week. High temperatures averaged from 77 in the West to 78 in the East. Departure from normal high temperatures ranged from 1 degree BELOW NORMAL in the West to 5 degrees ABOVE NORMAL in the East. Low temperatures averaged from 54 degrees in the West to 52 degrees in the East. Departures from normal low temperature were NEAR NORMAL across the state. Extreme high temperatures were in the low to mid 80's and extreme low temperatures were in the low to mid 40's. Corn growing degree day accumulations (base 50 mod.) for last week totaled from 96 at Covington to 119 at Princeton. Rainfall for the week totaled 1.43 inches statewide which was 0.37 inches ABOVE NORMAL and the second week for wetter than normal statewide rainfall totals. But rainfall totals in some areas were low, especially the Bluegrass area. Precipitation totals by climate division, West 1.72 inches, Central 1.91 inches, Bluegrass 0.77 inches and East 1.32 inches, which was +0.61, +0.81, -0.26 and +0.32 inches respectively from normal. By station, precipitation totals ranged from a low of 0.36 inches at Covington to a high of 3.58 inches at Nashville.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 9, 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	Dev. Last Since Week Apr.1	Since Apr. 1	
	(Inches)			(Degrees Fahrenheit)								
Bardstown	1.55	5.45	4.55	+0.27	+0.79	80	44	64.8	+1	106	458	+23
Berea	1.17	3.40	3.17	-2.26	-0.92	81	44	65.6	+3	111	508	+64
Bowling Green	1.98	3.76	2.99	-1.99	-1.18	84	43	66.1	+3	115	506	+62
Bristol	1.46	3.93	2.99	-0.50	-0.23	81	38	63.3	+1	103	443	+47
Buckhorn Lake	1.29	4.86	4.05	-0.08	+0.48	81	44	64.7	+2	109	489	+93
Cape Girardeau	1.24	6.49	3.21	+0.55	-1.10	80	44	65.5	-0	109	469	+16
Campbellsville	1.93	5.69	4.83	-0.56	+0.32	81	41	65.6	+2	112	515	+71
Covington	0.36	3.34	2.11	-1.65	-1.51	81	46	63.5	+1	96	364	-2
Cumberland Gap	1.94	4.68	3.66	-0.80	-0.32	81	41	64.2	+2	106	464	+68
Dix Dam	1.14	3.80	3.18	-1.80	-0.87	80	45	65.1	+3	106	462	+27
Evansville	1.22	6.87	4.72	+1.47	+0.79	81	49	64.8	-1	102	424	+10
Glasgow	2.10	4.40	3.56	-1.62	-0.79	84	43	66.6	+3	119	569	+185
Grayson	1.22	4.62	3.36	-0.25	-0.18	81	45	65.1	+3	108	473	+116
Hardinsburg	2.69	7.09	5.41	+1.37	+1.27	84	44	65.3	+2	110	461	+17
Henderson	1.24	6.60	4.68	+1.02	+0.66	81	49	65.1	-1	105	476	+32
Huntington	0.37	2.86	2.32	-1.98	-1.20	83	43	65.9	+4	117	449	+53
Jackson	0.98	4.47	3.46	-0.93	-0.44	82	49	65.6	+3	108	480	+84
Lexington	0.73	3.00	2.25	-2.18	-1.51	80	45	64.6	+2	103	417	+51
London	1.59	5.34	3.79	+0.18	+0.07	80	41	64.8	+2	107	467	+71
Louisville	1.35	5.87	4.92	+0.30	+0.90	83	47	65.7	+2	108	438	+24
Mayfield	2.00	6.76	4.50	+0.26	-0.15	80	50	65.6	-0	108	505	+22
Nashville	3.58	5.87	5.13	+0.08	+0.95	82	49	66.4	+3	114	570	+87
Nolin Lake	1.82	4.67	3.66	-1.45	-0.80	84	43	65.9	+2	113	492	+57
Paducah	2.37	8.77	4.53	+2.33	-0.08	81	47	65.3	-0	107	503	+50
Princeton	2.25	8.10	5.02	+1.86	+0.54	84	47	67.0	+1	119	567	+93
Quicksand	1.21	4.27	3.67	-1.13	-0.23	82	35	64.3	+2	111	498	+102
Somerset	1.99	8.02	6.82	+2.20	+2.59	79	36	63.9	+2	103	484	+49
Spindletop	0.60	2.47	1.94	-2.71	-1.82	81	44	64.9	+3	106	388	+22
Williamstown	0.60	2.63	1.69	-2.80	-2.22	81	49	65.2	+3	104	426	+60

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'1 Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

**CURRENT EUROPEAN CORN BORER DEGREE DAY TOTALS  
& PREDICTED DATES FOR CERTAIN SPECIFIC VALUES**

Location	Current DD Total	Overwintering		First			Second
		550	610	750	1660	1740	1860
Bardstown	597	AO	5/10	5/19	6/30	7/3	7/8
Berea	674	AO	AO	5/15	6/28	7/2	7/6
Bowling Green	688	AO	AO	5/14	6/26	6/29	7/4
Bristol	555	AO	5/13	5/22	7/3	7/6	7/11
Buckhorn Lake	636	AO	AO	5/17	6/30	7/3	7/8
Cape Girardeau	596	AO	5/10	5/18	6/27	6/30	7/5
Campbellsville	694	AO	AO	5/13	6/26	6/29	7/4
Covington	431	5/18	5/21	5/29	7/8	7/11	7/16
Cumberland Gap	610	AO	AO	5/19	7/1	7/4	7/9
Dix Dam	591	AO	5/11	5/20	7/2	7/5	7/10
Evansville	545	5/10	5/13	5/21	6/29	7/2	7/7
Glasgow	804	AO	AO	AO	6/21	6/24	6/29
Grayson	611	AO	AO	5/19	7/1	7/4	7/9
Hardinsburg	582	AO	5/11	5/20	6/30	7/4	7/8
Henderson	633	AO	AO	5/16	6/25	6/28	7/3
Huntington	568	AO	5/12	5/21	7/3	7/6	7/11
Jackson	635	AO	AO	5/17	6/30	7/3	7/8
Lexington	525	5/11	5/15	5/24	7/4	7/8	7/12
London	602	AO	5/10	5/19	7/1	7/4	7/9
Louisville	568	AO	5/12	5/21	7/1	7/4	7/9
Mayfield	670	AO	AO	5/14	6/24	6/27	7/2
Nashville	820	AO	AO	AO	6/20	6/24	6/29
Nolin Lake	645	AO	AO	5/16	6/28	7/1	7/6
Paducah	659	AO	AO	5/15	6/24	6/27	7/2
Princeton	809	AO	AO	AO	6/18	6/21	6/26
Quicksand	665	AO	AO	5/15	6/29	7/2	7/7
Somerset	644	AO	AO	5/17	6/29	7/3	7/8
Spindletop	493	5/14	5/17	5/26	7/6	7/9	7/14
Williamstown	549	5/10	5/14	5/22	7/3	7/7	7/11

AO indicates event has already occurred. REAL data are used through 5-9-99 Beyond 5-9-99, NORMAL data are used (adjusted by forecast values). The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext. 245.