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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared 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: Cold temperatures early in the week gave way to warm dry weather by weeks end allowing farmers the opportunity to work in their fields. Temperatures averaged 64 degrees, 1 degree above normal and 5 degrees warmer than the previous week. Rainfall totaled 0.16 inches statewide, 0.90 inches below normal. **Topsoil moisture**, as of Friday, May 7 was rated one percent very short, 4 percent short, 79 percent adequate and 16 percent surplus. **Subsoil moisture**, was rated one percent very short, 6 percent short, 77 percent adequate and 16 percent surplus. Days suitable for fieldwork averaged 4.4 out of a possible 7 days.

SMALL GRAINS: Wheat condition was rated one percent very poor, 2 percent poor, 15 percent fair, 54 percent good, and 28 percent excellent. Reports indicate that 75 percent of the wheat crop had headed, 2 percent below last year and 5 percent below average.

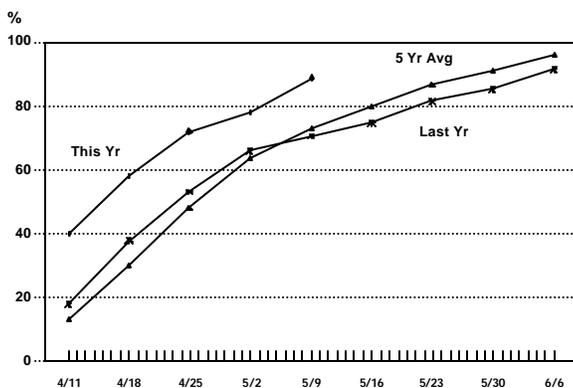
TOBACCO: Transplants measured less than 2 inches in 26 percent of greenhouse and plant beds, 2 to 4 inches in 41 percent and 33 percent were greater

than 4 inches. As of Sunday, May 9 burley tobacco set was 5 percent, one percent above the previous year and 2 percent below average. Dark tobacco was 8 percent set, 7 percent above the previous year and 2 percent above the average. Farmers reported 96 percent had adequate tobacco plants for setting, insufficient supplies were anticipated in northern and far eastern counties.

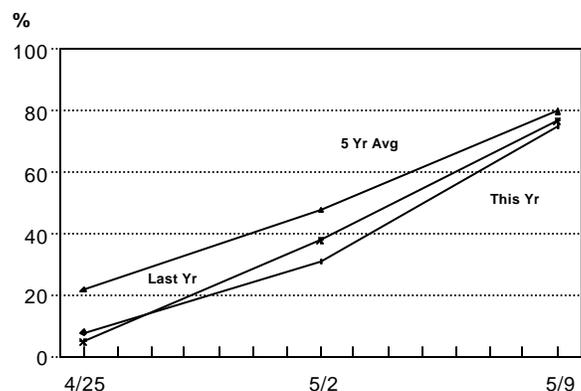
CORN AND SOYBEANS: Corn producers have planted 89 percent of their acres, 18 percent above last year and 16 percent above the average. Corn emerged was 68 percent, 9 percent above last year and 11 percent above the average. Corn emerged rated 2 percent very poor, 4 percent poor, 20 percent fair, 53 percent good and 21 percent excellent. Soybeans were 15 percent planted, 10 percent above last year and only 2 percent above the average.

OTHER CROPS: Hay crop condition was one percent very poor, 3 percent poor, 19 percent fair, 55 percent good, and 22 percent excellent. Pasture condition was rated one percent very poor, 2 percent poor, 19 percent fair, 55 percent good, and 23 percent excellent.

CORN PLANTING PROGRESS



WHEAT PERCENT HEADED OR HEADING



KENTUCKY CROP PROGRESS
WEEK ENDING MAY 9, 2004
WITH COMPARISONS

SOIL MOISTURE
WEEK ENDING MAY 7, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	89	71	73	78	63
Emerged	68	59	57	50	18
Soybeans					
Planted	15	5	13	8	12
Wheat					
Headed or Heading	75	77	80	31	39
Burley Tobacco Set	5	4	7	2	NA
Dark Tobacco Set	8	1	6	2	NA

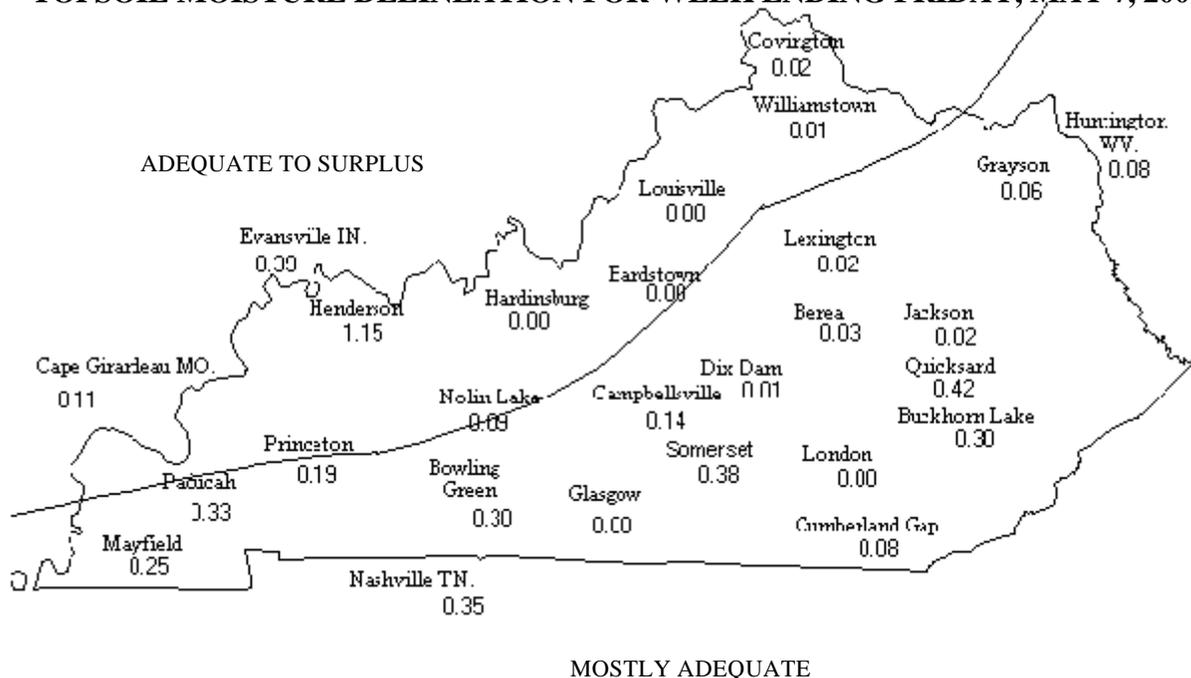
	This Week	Previous Week
TOPSOIL		
Very Short	1	0
Short	4	1
Adequate	79	70
Surplus	16	29
SUBSOIL		
Very Short	1	0
Short	6	3
Adequate	77	77
Surplus	16	20

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 7, 2004					WEEK ENDING APRIL 30, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	2	4	20	53	21	0	6	22	51	21
Wheat	1	2	15	54	28	0	2	17	54	27
Pasture	1	2	19	55	23	0	2	20	55	23
Hay Crops	1	3	19	55	22	1	2	23	51	23

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 9, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 7, 2004



KENTUCKY WEATHER SUMMARY, MAY 3 - 9, 2004:

NEAR NORMAL TEMPERATURES AND BELOW NORMAL PRECIPITATION:

The week began with a chill in the air. Frost advisories were issued for Monday and Tuesday mornings as lows in Bluegrass and Eastern Kentucky dipped into the lower 30's. Jackson set record lows on both mornings. During the same period, high temperatures were well below normal with readings only in the 50's and 60's. By Wednesday, a high pressure system had set up across the southeastern US. The high pressure kept skies mostly clear, and it brought some warm air from the south due to southerly winds. From Thursday into Sunday highs were well into the 80's across the State. Temperatures were warm enough for Jackson to set a record high temperature on Sunday. Rainfall was absent this week. There was a batch of showers that moved across western and central Kentucky on Monday, but the remainder of the week was dry. This is the first week since early April that precipitation has averaged below normal.

Temperatures for the period averaged 64 degrees across the State which was 1 degree above normal and 5 degrees warmer than the previous week. High temperatures averaged from 78 in the West to 76 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 3 degrees above normal in the East. Low temperatures averaged from 53 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 0 degrees from normal in the West to 3 degrees below normal in the East. Extreme highs were in the upper 80's. Extreme lows were in the lower 30's.

Precipitation (liq. equ.) for the period totaled 0.16 inches statewide which was 0.90 inches below normal. Precipitation totals by climate division, West 0.40 inches, Central 0.07 inches, Bluegrass 0.01 inches and East 0.17 inches, which was 0.70, 1.04, 1.01 and 0.84 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 1.15 inches at Henderson.
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	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.00	5.45	5.41	+0.27	+1.65	85	36	63.5	-0	107	419	-16
Berea	0.03	6.18	5.99	+0.52	+1.90	86	35	65.9	+3	125	461	+17
Bowling Green	0.30	6.98	6.96	+1.23	+2.79	86	37	64.5	+1	108	448	+4
Bristol	0.00	5.23	4.74	+0.80	+1.52	85	34	61.0	-2	88	394	-2
Buckhorn Lake	0.30	5.47	5.10	+0.53	+1.53	83	32	62.1	-1	102	414	+18
Cape Girardeau	0.11	4.20	4.09	-1.74	-0.22	85	44	64.8	-1	107	445	-8
Campbellsville	0.14	6.39	6.35	+0.14	+1.84	86	35	63.8	-0	107	455	+11
Covington	0.02	5.57	5.36	+0.58	+1.74	83	32	61.3	-1	93	339	-27
Cumberland Gap	0.08	5.89	5.60	+0.41	+1.62	85	34	62.3	-0	96	410	+14
Dix Dam	0.01	5.30	5.18	-0.30	+1.13	85	35	64.2	+2	112	421	-14
Evansville	0.39	3.01	2.96	-2.39	-0.97	87	40	65.6	-0	116	457	+43
Glasgow	0.00	8.11	8.07	+2.09	+3.72	88	35	64.9	+1	113	515	+131
Grayson	0.06	5.15	4.54	+0.28	+1.00	84	32	62.8	+0	104	414	+57
Hardinsburg	0.00	6.51	6.51	+0.79	+2.37	86	42	66.2	+2	119	451	+7
Henderson	1.15	4.61	4.37	-0.97	+0.35	85	40	65.8	-0	118	468	+24
Huntington	0.08	5.28	4.54	+0.44	+1.02	85	31	62.7	+0	104	421	+25
Jackson	0.02	4.39	3.93	-1.01	+0.03	83	32	62.9	+0	106	427	+31
Lexington	0.02	5.14	5.04	-0.04	+1.28	83	35	62.8	+0	102	375	+9
London	0.00	4.82	4.75	-0.34	+1.03	84	32	61.6	-1	97	407	+11
Louisville	0.00	6.36	6.34	+0.79	+2.32	87	37	65.4	+2	117	429	+15
Mayfield	0.25	4.67	4.67	-1.83	+0.02	85	36	63.9	-2	108	422	-61
Nashville	0.35	8.72	8.63	+2.93	+4.45	88	38	66.0	+2	117	488	+5
Nolin Lake	0.09	7.08	7.06	+0.96	+2.60	86	38	65.2	+1	114	460	+25
Paducah	0.33	4.75	4.70	-1.69	+0.09	86	44	66.7	+1	120	486	+33
Princeton	0.19	6.03	5.89	-0.21	+1.41	86	40	66.4	+0	121	501	+27
Quicksand	0.42	5.66	5.23	+0.26	+1.33	83	30	62.4	-0	104	424	+28
Somerset	0.38	4.95	4.93	-0.87	+0.70	85	33	62.1	-1	99	401	-34
Spindletop	0.00	4.40	4.32	-0.78	+0.56	83	34	63.5	+1	108	373	+7
Williamstown	0.01	4.88	4.67	-0.55	+0.76	85	37	63.4	+1	103	406	+40

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/>

**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	592	AO	5/11	5/19	6/29	7/3	7/8
Berea	696	AO	AO	5/13	6/27	6/30	7/5
Bowling Green	654	AO	AO	5/16	6/27	6/30	7/5
Bristol	565	AO	5/13	5/21	7/2	7/5	7/10
Buckhorn Lake	591	AO	5/11	5/20	7/1	7/4	7/9
Cape Girardeau	639	AO	AO	5/16	6/25	6/28	7/3
Campbellsville	687	AO	AO	5/14	6/26	6/29	7/4
Covington	442	5/17	5/20	5/28	7/7	7/10	7/15
Cumberland Gap	592	AO	5/11	5/20	7/1	7/4	7/9
Dix Dam	597	AO	5/10	5/19	7/1	7/4	7/9
Evansville	632	AO	AO	5/16	6/25	6/28	7/3
Glasgow	775	AO	AO	AO	6/22	6/25	6/30
Grayson	600	AO	5/10	5/19	7/1	7/4	7/9
Hardinsburg	629	AO	AO	5/17	6/28	7/1	7/6
Henderson	658	AO	AO	5/15	6/24	6/27	7/2
Huntington	611	AO	AO	5/19	6/30	7/4	7/8
Jackson	636	AO	AO	5/17	6/29	7/3	7/7
Lexington	524	5/11	5/15	5/24	7/4	7/7	7/12
London	585	AO	5/11	5/20	7/1	7/5	7/10
Louisville	585	AO	5/11	5/20	6/30	7/3	7/8
Mayfield	599	AO	5/10	5/18	6/26	6/29	7/4
Nashville	759	AO	AO	AO	6/23	6/26	7/1
Nolin Lake	661	AO	AO	5/15	6/27	6/30	7/5
Paducah	719	AO	AO	5/11	6/21	6/25	6/29
Princeton	763	AO	AO	AO	6/20	6/23	6/28
Quicksand	609	AO	5/10	5/19	6/30	7/4	7/9
Somerset	600	AO	5/10	5/19	7/1	7/4	7/9
Spindletop	521	5/12	5/16	5/24	7/4	7/7	7/12
Williamstown	534	5/11	5/15	5/23	7/4	7/7	7/12

AO indicates event has already occurred. REAL data are used through 5-09-04 Beyond 5-09-04, 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 (859)257-3000 ext. 245.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.