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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: Dry, windy weather prevailed throughout the State the second week of April. Some areas reported soil moisture loss due to the dry conditions. Temperatures averaged 54 degrees, 5 degrees warmer than the previous week. Precipitation for the week totaled 0.03 inches statewide which was 0.95 inches below normal. **Topsoil moisture** as of Friday, April 9 was rated 3 percent very short, 23 percent short, 67 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 2 percent very short, 16 percent short, 75 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible 7 days. Farmers continued to seed traditional and greenhouse tobacco beds with some transplants beginning to emerge. Other farming activities included fertilizing fields, working livestock, and preparing equipment for corn planting. Windy conditions in most areas of the Commonwealth made spraying difficult.

TOBACCO: Plant bed and greenhouse seeding was 88 percent complete by Sunday, April 11. This compared with 80 percent in 2003 and 83 percent for the five year average. Tobacco transplants had emerged on 52 percent of the seeded beds and flats, 9 percent ahead last year, and 4 percent above the

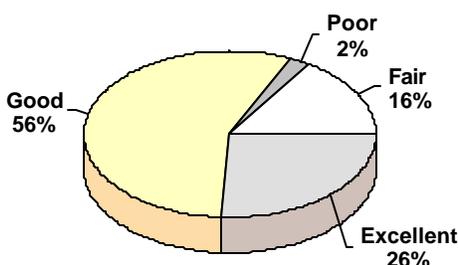
average. Farmers reported that transplants are on schedule for mid-May tobacco setting.

CORN: Planting was well ahead of schedule with 40 percent of the intended acreage completed as of Sunday, April 11 compared to 18 percent last year and 13 percent for the five year average. Several farmers have reported ahead of schedule corn planting and a few even commented on a record pace due to the nearly ideal conditions.

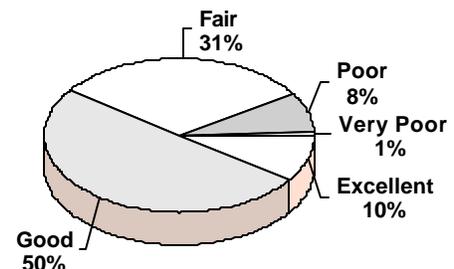
SMALL GRAINS: Reports of damage to winter wheat were minimal, although most would welcome some warmer temperatures. Farmers report average wheat height at 11 inches. As of Friday, April 9 winter wheat condition was 2 percent poor, 16 percent fair, 56 percent good, and 26 percent excellent. Barley was rated 14 percent fair, 53 percent good, and 33 percent excellent.

OTHER CROPS AND PASTURES: Fruit trees were reported at 65 percent blooming or in bloom. Farmers report little or no freeze damage to early blooming fruits. Pasture condition was rated 1 percent very poor, 8 percent poor, 31 percent fair, 50 percent good, and 10 percent excellent.

WHEAT CONDITION
(April 9)



PASTURE CONDITION
(April 9)



KENTUCKY CROP PROGRESS
WEEK ENDING APRIL 11, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	88	80	83	73	NA
Emerged	52	43	48	NA	NA
Corn					
Planted	40	18	13	NA	NA

(NA) Data Not Available.

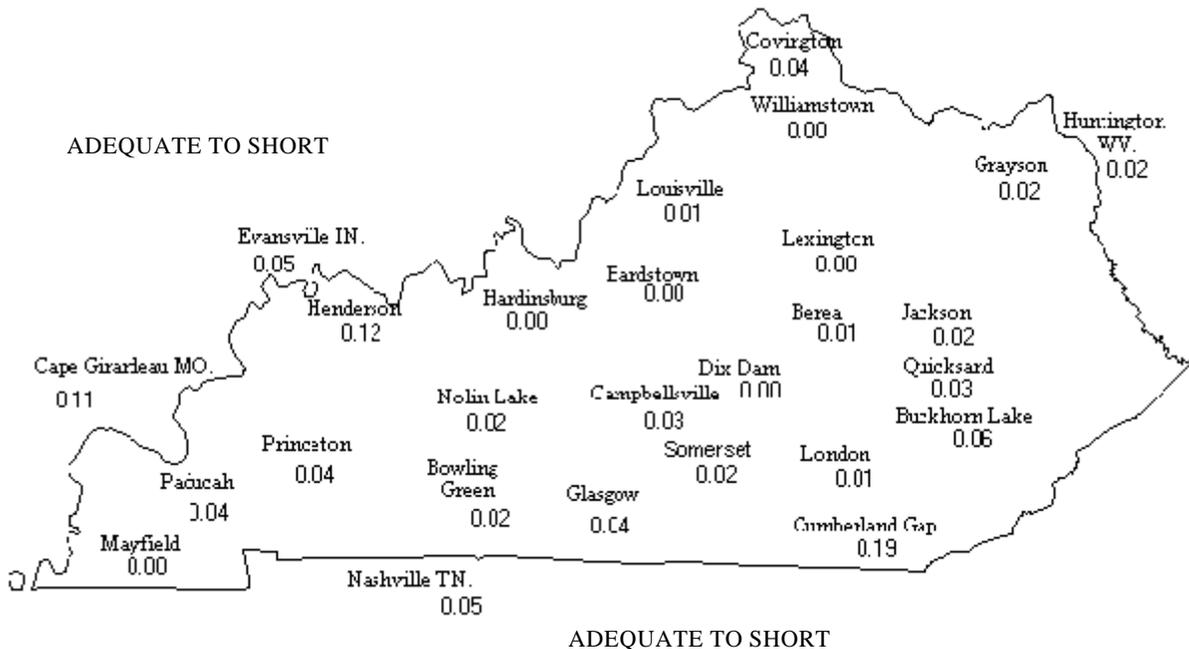
SOIL MOISTURE
WEEK ENDING APRIL 9, 2004
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	3	0
Short	23	3
Adequate	67	78
Surplus	7	19
SUBSOIL		
Very Short	2	0
Short	16	6
Adequate	75	83
Surplus	7	11

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 9, 2004					WEEK ENDING APRIL 2, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Wheat	0	2	16	56	26	0	1	17	60	22
Barley	0	0	14	53	33	0	1	14	50	35
Pasture	1	8	31	50	10	1	6	28	54	11

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 11, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 9, 2004



KENTUCKY WEATHER SUMMARY, APRIL 5 - 11, 2004:

NEAR NORMAL TEMPERATURES AND BELOW AVERAGE PRECIPITATION:

Monday and Tuesday nights brought temperatures below freezing causing freeze warnings to be issued for central and eastern areas of the Commonwealth. As a high pressure system moved to the east, southerly winds returned to Kentucky bringing warmer temperatures. Some isolated showers moved through Wednesday and Thursday, but again it was another dry week for Kentucky as clear skies and warmer temperatures returned for the weekend.

Temperatures for the period averaged 54 degrees across the State which was 0 degrees from normal and 5 degrees warmer than the previous week. High temperatures averaged from 67 in the West to 66 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 3 degrees above normal in the East. Low temperatures averaged from 42 degrees in the West to 42 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 0 degrees below normal in the East. Extreme highs were in the upper 70's. Extreme lows were in the upper 20's.

Precipitation (liq. equ.) for the period totaled 0.03 inches statewide which was 0.95 inches below normal. Precipitation totals by climate division, West 0.06 inches, Central 0.02 inches, Bluegrass 0.01 inches and East 0.05 inches, which was 1.01, 0.99, 0.93 and 0.87 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 0.12 inches at Henderson.

Tom Priddy

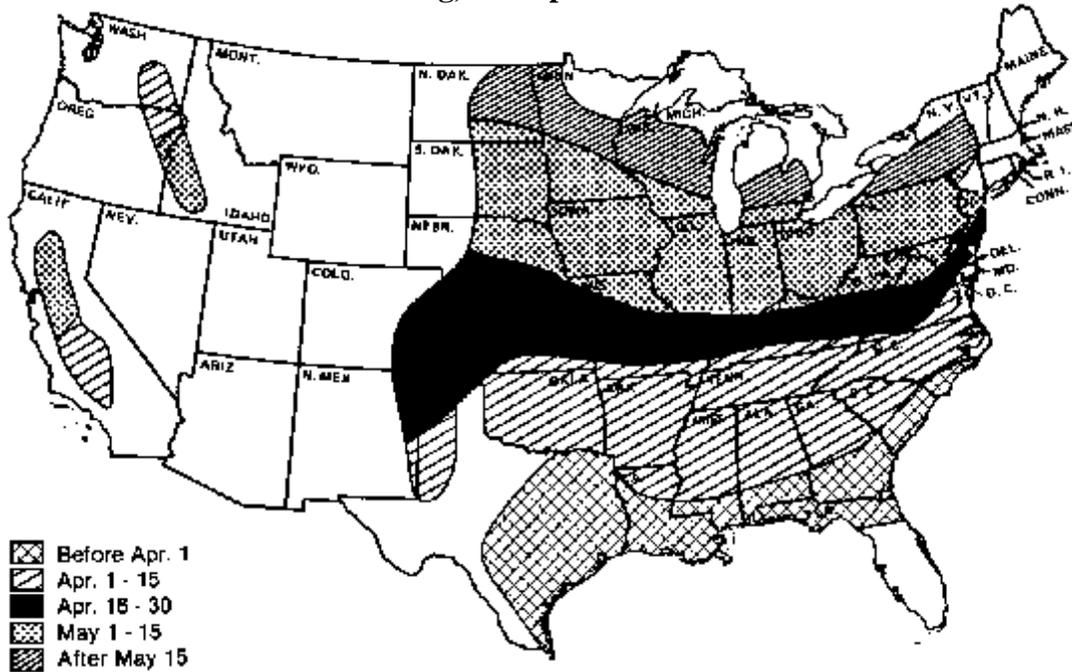
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 11, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. Grass High Low	Air High Low	Wkly. Avg	Deviation From Normal		
	(Inches)			(Degrees Fahrenheit)					
Bardstown	0.00	9.01	-2.88	59	49	76	29	54.6	+0
Berea	0.01	13.30	+1.69	60	46	75	30	53.9	+1
Bowling Green	0.02	9.75	-4.88	--	--	76	31	54.8	+1
Bristol	0.34	11.12	-0.46	--	--	73	27	51.9	-1
Buckhorn Lake	0.06	12.20	-0.64	--	--	75	29	53.9	+1
Cape Girardeau	0.11	7.56	-5.31	--	--	73	29	52.9	-4
Campbellsville	0.03	11.33	-2.94	58	47	78	31	54.9	+1
Covington	0.04	8.73	-2.17	--	--	71	26	51.9	-1
Cumberland Gap	0.19	12.14	-2.74	59	50	74	30	53.3	+1
Dix Dam	0.00	10.61	-1.66	--	--	75	29	53.7	+1
Evansville	0.05	6.06	-5.90	--	--	76	31	54.3	-2
Glasgow	0.04	10.66	-4.12	53	48	80	32	55.4	+1
Grayson	0.02	10.00	-0.49	59	50	75	29	53.8	+1
Hardinsburg	0.00	10.87	-2.68	60	50	78	31	55.6	+1
Henderson	0.12	9.84	-2.60	61	51	77	30	54.2	-2
Huntington	0.02	10.04	-0.39	--	--	76	27	53.8	+1
Jackson	0.02	12.36	-0.37	--	--	75	29	54.6	+2
Lexington	0.00	9.24	-2.65	--	--	74	28	53.0	+0
London	0.01	12.13	-0.81	--	--	76	27	53.1	+0
Louisville	0.01	11.41	-0.96	--	--	77	32	55.2	+1
Mayfield	0.00	6.75	-8.88	59	50	75	30	54.0	-3
Nashville	0.05	14.25	+0.39	--	--	77	38	57.1	+3
Nolin Lake	0.02	10.63	-3.05	--	--	78	31	55.0	+1
Paducah	0.04	8.24	-5.69	57	49	77	30	55.0	-2
Princeton	0.04	10.98	-3.95	61	51	79	30	55.9	-1
Quicksand	0.03	12.20	-0.53	59	50	75	29	54.3	+2
Somerset	0.02	12.59	-1.09	59	50	77	29	53.8	+1
Spindletop	0.00	7.97	-3.92	59	43	74	27	52.6	-0
Williamstown	0.00	8.78	-2.75	60	54	75	27	52.8	+0

CORN FOR GRAIN

Usual Start of Planting, Principal Areas in the United States



DEFINITIONS OF: WHEAT PHENOLOGICAL STAGES USED IN SUBSEQUENT RELEASES

- Emerged - As soon as plants are visible.
- Headed - The head is present, visible and fully emerged.

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.
