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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: The second week of April brought cooler and wet weather throughout the State which interrupted many farm activities. Temperatures averaged 52 degrees, 3 degrees below normal and rainfall for the week totaled 1.65 inches. **Topsoil moisture** as of Friday, April 11 was rated 1 percent short, 52 percent adequate, and 47 percent surplus. **Subsoil moisture** was rated 2 percent short, 65 percent adequate, and 33 percent surplus. Days suitable for fieldwork averaged 1.8 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 State made spraying difficult.

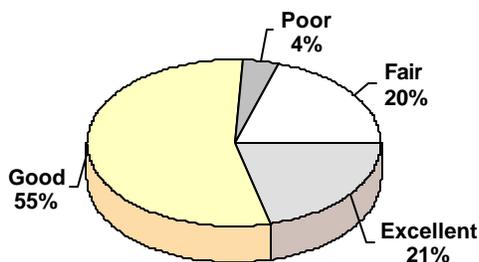
TOBACCO: Plant bed and greenhouse seeding was 85 percent complete by Sunday, April 13. This compared with 87 percent in 2002 and 86 percent for the five year average. Tobacco transplants had emerged on 49 percent of the seeded beds and flats, 11 percent behind last year, and 5 percent less than the average. Reports of some tobacco float systems having trouble with spiral root were noted.

CORN: Corn planting was mostly on hold this week due to the cool and wet field conditions. Planting was still ahead of schedule with 22 percent of the intended acreage completed as of Sunday, April 13 compared to 15 percent last year and 17 percent for the five year average. A few reports that some corn acres planted in low lying areas were flooded out after all the rain last week.

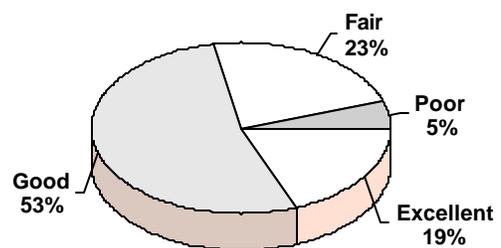
SMALL GRAINS: Reports of damage to winter wheat were minimal. Farmers report average wheat height at 10 inches. As of Friday, April 11 winter wheat condition was 4 percent poor, 20 percent fair, 55 percent good, and 21 percent excellent. Barley was rated 3 percent poor, 26 percent fair, 52 percent good, and 19 percent excellent. The wet winter and spring has some producers concerned about potential mold and mildew problems.

OTHER CROPS AND PASTURES: Fruit trees were reported at 78 percent blooming or in bloom, 38 percent above last year, and ahead of the 59 percent five year average. Pasture condition was rated 5 percent poor, 23 percent fair, 53 percent good, and 19 percent excellent.

WHEAT CONDITION
(Apr 11)



PASTURE CONDITION
(Apr. 11)



KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 13, 2003

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	85	87	86	68	NA
Emerged	49	60	54	NA	NA
Corn					
Planted	22	15	17	NA	NA

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING APRIL 11, 2003

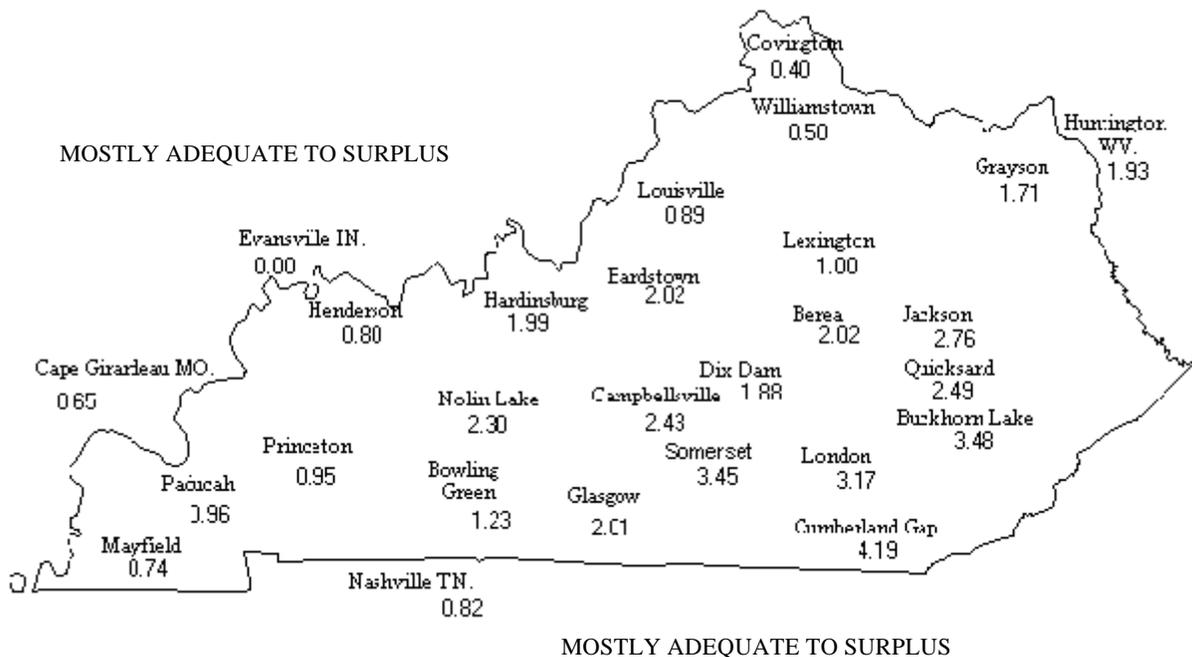
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	0
Short	1	5
Adequate	52	76
Surplus	47	19
SUBSOIL		
Very Short	0	0
Short	2	3
Adequate	65	80
Surplus	33	17

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 11, 2003					WEEK ENDING APRIL 4, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Wheat	0	4	20	55	21	0	3	20	57	20
Barley	0	3	26	52	19	0	1	20	52	27
Pasture	0	5	23	53	19	1	7	23	55	14

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 13, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 11, 2003



KENTUCKY WEATHER SUMMARY, APRIL 7 - 13, 2003:

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

A surface low pressure system, and its associated cutoff upper level low, combined this past week resulted in a very slow-moving rainmaker over much of the State. The system entered the State late on Sunday, when the rain started in Western Kentucky and overspread the entire State through most of the workweek. Flooding occurred in Eastern sections of the State through Saturday morning. Cloudy, windy, and cooler conditions accompanied the rainfall through much of the week. Warmer temperatures and drier conditions returned by the weekend.

Temperatures for the period averaged 52 degrees across the State which was 3 degrees below normal. High temperatures averaged from 63 in the West to 60 in the East. Departure from normal high temperatures ranged from 7 degrees below normal in the West to 3 degrees below normal in the East. Low temperatures averaged from 40 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 4 degrees below normal in the West to 3 degrees above normal in the East.

Rainfall for the period totaled 1.65 inches statewide which was 0.67 inches above normal. Precipitation totals by climate division, West 0.83 inches, Central 1.74 inches, Bluegrass 1.14 inches and East 2.90 inches, which was -0.24, +0.74, +0.20 and +1.98 inches respectively from normal. By station, precipitation totals ranged from a low of 0.40 inches at Covington to a high of 4.19 inches at Cumberland Gap.

Tom Priddy

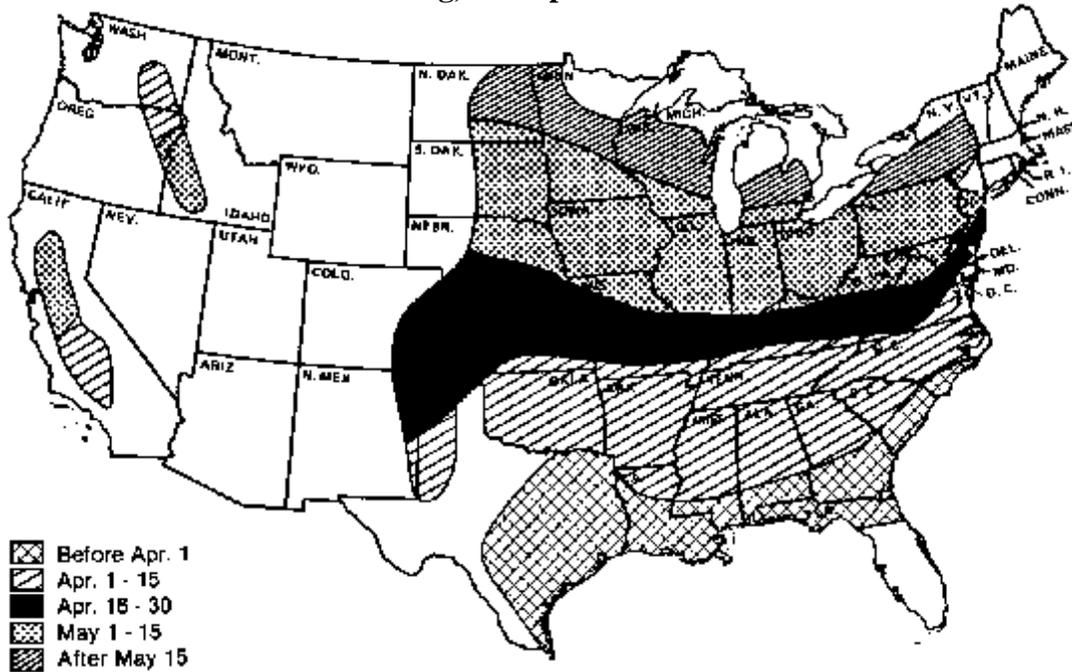
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 13, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	2.02	14.39	+2.24	58	49	71	35	49.8	-5
Berea	2.02	14.91	+3.01	58	48	73	38	52.1	-1
Bowling Green	1.23	10.83	-4.09	--	--	78	37	53.4	-1
Bristol	3.43	15.11	+3.31	--	--	71	35	50.5	-3
Buckhorn Lake	3.48	15.75	+2.65	--	--	86	41	53.8	+1
Cape Girardeau	0.65	7.03	-6.14	--	--	74	34	50.6	-6
Campbellsville	2.43	16.13	+1.55	80	48	91	35	54.8	+0
Covington	0.40	7.33	-3.81	--	--	67	33	46.6	-7
Cumberland Gap	4.19	16.20	+1.05	66	48	87	39	54.2	+1
Dix Dam	1.88	13.02	+0.47	--	--	91	37	53.7	+1
Evansville	0.88	9.64	-2.59	--	--	72	35	49.7	-7
Glasgow	2.01	16.34	+1.26	53	46	78	32	53.2	-1
Grayson	1.71	11.04	+0.31	66	48	90	40	54.9	+2
Hardinsburg	1.99	13.71	-0.13	56	40	76	32	51.3	-3
Henderson	0.80	12.79	+0.06	58	50	75	32	50.6	-6
Huntington	1.93	11.07	+0.40	--	--	71	33	50.6	-3
Jackson	2.76	14.54	+1.53	--	--	71	40	50.9	-2
Lexington	1.00	9.11	-3.04	--	--	70	36	49.9	-3
London	3.17	14.94	+1.74	--	--	73	35	51.4	-2
Louisville	0.89	10.24	-2.41	--	--	71	35	49.4	-5
Mayfield	0.74	7.50	-8.47	66	48	79	37	52.2	-5
Nashville	0.82	13.55	-0.60	--	--	78	36	54.1	-0
Nolin Lake	2.30	12.76	-1.22	--	--	91	35	55.1	+1
Paducah	0.96	10.79	-3.47	57	39	78	36	53.3	-4
Princeton	0.95	13.91	-1.34	76	49	80	34	52.5	-4
Quicksand	2.49	15.15	+2.14	85	48	86	41	54.4	+1
Somerset	3.45	16.94	+2.97	81	48	87	37	54.4	+1
Spindletop	0.97	8.30	-3.85	55	46	69	36	48.9	-4
Williamstown	0.58	7.79	-4.02	63	44	70	34	49.1	-4

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.

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