



# KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service  
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Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

LELAND E. BROWN, State Statistician

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NRC 3-00

**AGRICULTURAL NEWS:** Near average temperatures from the previous week held for the first full week of April, with an average temperature of 52 degrees. This was 1 degree below normal. Precipitation was above normal for the State with 2 significant rainfall events. Rainfall for the week totaled 1.8 inches. **Topsoil moisture**, as of Friday, April 7 was rated 1 percent very short, 7 percent short, 75 percent adequate and 17 percent surplus. **Subsoil moisture**, was rated 4 percent very short, 25 percent short, 64 percent adequate and 7 percent surplus. **Days suitable for fieldwork** averaged 3.0 out of a possible 6 days. Primary farming activities included seeding of traditional and greenhouse tobacco beds, preparing fields and machinery for planting, and working cattle. Corn planting continues to advance slowly this week mainly in the Southwestern portions of the State.

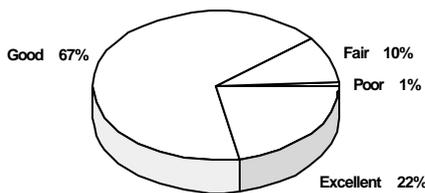
**TOBACCO:** Seeding of float and conventional tobacco beds advanced to 86 percent complete by Sunday, April 9. This compares with 82 percent in 1999, and 76 percent for the five year average. Greenhouses and floatbeds continue to produce the majority of plants. The number of beds having plants up was 52 percent. This compares to 34 percent last year and 24 percent for the five year average. The warm early spring weather has encouraged strong growth of greenhouse sets with reports that tobacco plants have been clipped for the first time.

**CORN:** Planting was slightly ahead of schedule with 13 percent of the intended acreage complete as of Sunday, April 9 compared to 6 percent last year and 7 percent for the five year average. Soil temperatures continue to rise, improving field conditions. Corn planting was concentrated in the Southwestern counties with cool, wet soils hindering corn planting throughout most of the State.

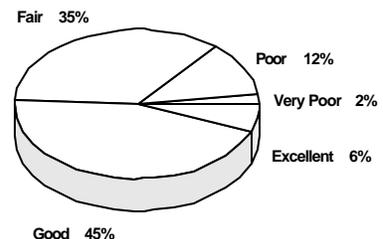
**SMALL GRAINS:** Reports of damage to winter wheat were minimal. The average height of winter wheat was 14 inches. As of Friday, April 7 wheat condition was rated as 1 percent poor, 10 percent fair, 67 percent good, and 22 percent excellent. Barley condition was rated, 2 percent poor, 23 percent fair, 64 percent good, and 11 percent excellent.

**OTHER CROPS:** Pasture condition was rated 2 percent very poor, 12 percent poor, 35 percent fair, 45 percent good and 6 percent excellent. The warm weather has supported strong pasture growth. Reports of fertilizing and seeding of hay and pasture acreage continue to be received. Approximately 78 percent of the fruit trees throughout the State are budding or are in bloom, with peaches and plums leading the apples in bloom stage. Scattered reports of frost/freeze damage to peach trees have been noted.

**WHEAT CONDITION**  
(Apr.10)



**PASTURE CONDITION**  
(Apr. 10)



**KENTUCKY CROP PROGRESS**  
WEEK ENDING APRIL 9, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	86	82	76	65	NA
Emerged	52	34	24	NA	NA
Corn					
Planted	13	6	7	1	2

(NA) Data Not Available.

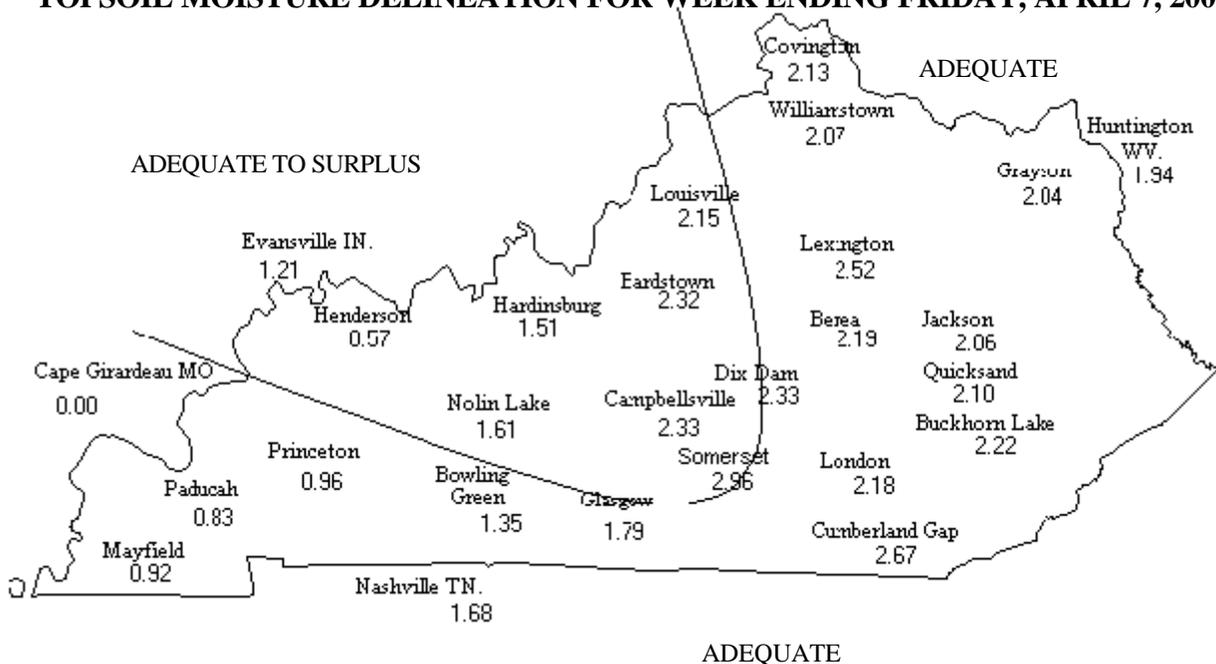
**SOIL MOISTURE**  
WEEK ENDING APRIL 7, 2000  
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	1	2
Short	7	19
Adequate	75	75
Surplus	17	4
<b>SUBSOIL</b>		
Very Short	4	7
Short	25	33
Adequate	64	57
Surplus	7	3

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING APRIL 7, 2000					WEEK ENDING MARCH 31, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Wheat	0	1	10	67	22	0	2	10	47	41
Barley	0	2	23	64	11	0	4	20	44	32
Pasture	2	12	35	45	6	2	11	41	37	9

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 9, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 7, 2000**



# KENTUCKY WEATHER SUMMARY, APRIL 3 - 9, 2000:

## BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

Two rainfall events last week provided significant rainfall across the Bluegrass State especially in Central, Bluegrass and Eastern sections of the State. Frost/hard freezes occurred on Wednesday and Sunday. Temperatures for the period averaged 52 degrees across the State which was 1 degree BELOW NORMAL and similar to the previous week. High temperatures averaged from 64 in the West to 64 in the East. Departure from normal high temperatures ranged from 4 degrees BELOW NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Low temperatures averaged from 41 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 2 degrees BELOW NORMAL in the West to 1 degrees ABOVE NORMAL in the East. Soil temperature at a depth of four inches under a sod cover ranged from near 60 degrees for highs to upper 40's for lows. Alfalfa Weevil Degree Day accumulations ranged from 278 at Covington to 455 at Paducah. Extreme high temperatures were in the upper 70's to near 80 and extreme lows were in the mid 20's.

Precipitation (liq. equ.) for the week totaled 1.77 inches Statewide which was 0.78 inches ABOVE NORMAL. Precipitation totals by climate division, West 0.75 inches, Central 1.79 inches, Bluegrass 2.26 inches and East 2.27 inches, which was -0.32, +0.78, +1.32 and +1.35 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at Cape Girardeau to a high of 2.96 inches at Somerset.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL

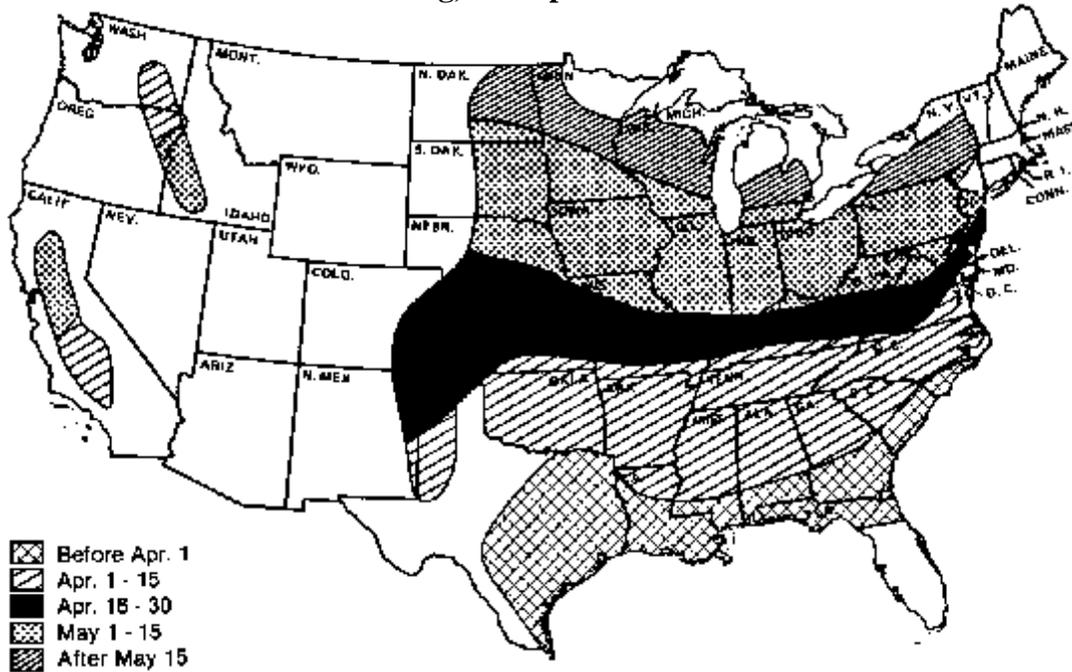
FOR WEEK ENDING SUNDAY, APRIL 9, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	2.32	14.11	+2.48	60	48	73	26	53.6	+0
Berea	2.19	8.42	-2.91	59	49	78	26	53.8	+2
Bowling Green	1.35	10.99	-3.36	--	--	75	27	52.6	-1
Bristol	1.61	11.08	-0.28	--	--	78	30	50.4	-2
Buckhorn Lake	2.22	9.86	-2.74	--	--	79	27	53.9	+2
Cape Girardeau	0.00	12.49	-0.09	--	--	75	25	50.6	-5
Campbellsville	2.33	12.18	-1.77	57	49	77	25	54.8	+1
Covington	2.13	16.38	+5.73	--	--	67	23	47.9	-4
Cumberland Gap	2.67	12.75	-1.85	66	54	78	29	54.8	+3
Dix Dam	2.33	16.14	+4.15	--	--	74	26	52.6	+1
Evansville	1.21	16.34	+4.64	--	--	70	28	49.4	-6
Glasgow	1.79	13.08	-1.39	55	49	77	24	54.9	+1
Grayson	2.04	11.41	+1.16	59	51	79	29	52.5	+0
Hardinsburg	1.51	16.50	+3.24	59	50	75	27	53.0	-0
Henderson	0.57	16.64	+4.48	60	53	74	26	53.3	-3
Huntington	1.94	11.42	+1.23	--	--	80	30	53.0	+1
Jackson	2.06	10.30	-2.16	--	--	79	28	52.1	+0
Lexington	2.52	14.86	+3.23	--	--	71	25	49.9	-2
London	2.18	11.38	-1.30	--	--	77	27	51.8	-0
Louisville	2.15	18.71	+6.62	--	--	72	28	50.9	-3
Mayfield	0.92	13.00	-2.30	58	51	76	27	52.9	-3
Nashville	1.68	13.10	-0.47	--	--	77	28	53.7	+0
Nolin Lake	1.61	13.49	+0.11	--	--	75	27	52.8	-1
Paducah	0.83	16.38	+2.79	57	53	75	27	52.9	-3
Princeton	0.96	16.88	+2.27	68	53	78	27	54.7	-1
Quicksand	2.10	9.68	-2.78	60	51	80	27	53.9	+2
Somerset	2.96	13.36	-0.03	60	49	77	26	53.4	+1
Spindletop	2.32	14.43	+2.80	56	44	70	27	49.4	-3
Williamstown	2.07	15.29	+4.03	57	46	69	26	51.4	-1

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l 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/>

# 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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