



# 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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JSL 3-02

**AGRICULTURAL NEWS:** Cooler temperatures from the previous week continued into the first week of April. Temperatures averaged 47 degrees, 5 degrees below normal and rainfall for the week totaled 0.09 inches. **Topsoil moisture**, as of Friday, April 5 was rated 2 percent short, 61 percent adequate, and 37 percent surplus. **Subsoil moisture**, was rated 1 percent very short, 6 percent short, 64 percent adequate, and 29 percent surplus. Days suitable for fieldwork averaged 2.8 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, and preparing equipment for corn planting. Average soil temperatures were still too cool for corn and sorghum germination.

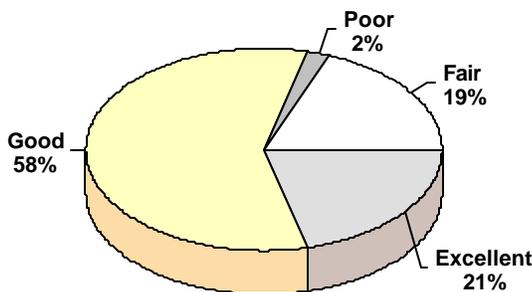
**TOBACCO:** Plant bed and greenhouse seeding was 72 percent complete by Sunday, April 7. This compares with 68 percent in 2001 and 73 percent for the five year average. Tobacco transplants had emerged on 41 percent of the seeded beds and flats, 11 percent ahead of last year, and 20 percent ahead of average.

**CORN:** Planting was slightly behind schedule with 3 percent of the intended acreage completed as of Sunday, April 7 compared to 4 percent last year and 5 percent for the five year average. Corn planting was concentrated in the Southwestern counties with cool and wet soils hindering corn planting throughout most of the State.

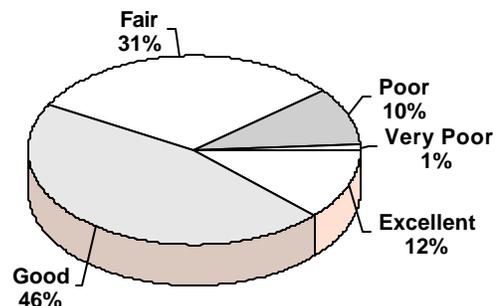
**SMALL GRAINS:** Reports of damage to winter wheat were minimal. Farmers report average wheat height at 8.5 inches. As of Sunday, April 7 winter wheat condition was 2 percent poor, 19 percent fair, 58 percent good, and 21 percent excellent. Barley was rated 29 percent fair, 69 percent good, and 2 percent excellent.

**OTHER CROPS AND PASTURES:** Fruit trees were reported at 39 percent blooming or in bloom, equal to last year, but ahead of the 30 percent five year average. Scattered reports of frost damage to peach blossoms were noted. Pasture condition was rated 1 percent very poor, 10 percent poor, 31 percent fair, 46 percent good, and 12 percent excellent.

**WHEAT CONDITION**  
(Apr 5)



**PASTURE CONDITION**  
(Apr. 5)



**KENTUCKY CROP PROGRESS**  
WEEK ENDING APRIL 7, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	72	68	73	50	NA
Emerged	41	30	21	NA	NA
Corn					
Planted	3	4	5	NA	NA

(NA) Data Not Available.

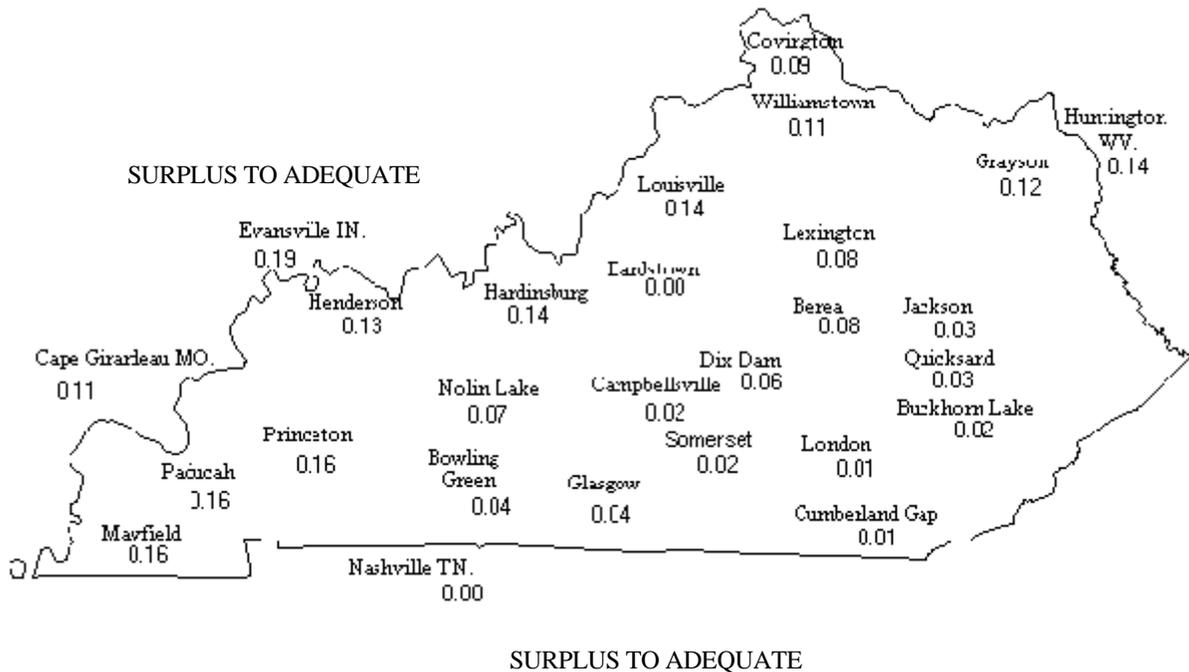
**SOIL MOISTURE**  
WEEK ENDING APRIL 5, 2002  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	0	0
Short	2	1
Adequate	61	31
Surplus	37	68
<b>SUBSOIL</b>		
Very Short	1	1
Short	6	4
Adequate	64	49
Surplus	29	46

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING APRIL 5, 2002					WEEK ENDING MARCH 29, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Wheat	0	2	19	58	21	0	2	17	58	23
Barley	0	0	29	69	2	0	3	19	67	11
Pasture	1	10	31	46	12	2	15	28	45	10

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 7, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 5, 2002**



# **KENTUCKY WEATHER SUMMARY, APRIL 1 - 7, 2002:**

## **BELOW NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

Drier conditions returned to the Bluegrass state with mostly cooler temperatures. Two very mild days occurred, Tuesday (mid 70's) and Sunday (upper 60's) otherwise cool was the rule with frosty mornings most days except Tuesday.

Temperatures for the period averaged 47 degrees across the State which was 5 degrees BELOW NORMAL and 2 degrees cooler than the previous week. High temperatures averaged from 60 in the West to 58 in the East. Departure from normal high temperatures ranged from 7 degrees BELOW NORMAL in the West to 4 degrees BELOW NORMAL in the East. Low temperatures averaged from 35 degrees in the West to 35 degrees in the East. Departure from normal low temperature ranged from 7 degrees BELOW NORMAL in the West to 6 degrees BELOW NORMAL in the East. Extreme high temperatures were near 80 degrees and extreme low temperatures were in the mid 20's.

Precipitation (liq. equ.) for the period totaled 0.09 inches statewide which was 0.89 inches BELOW NORMAL. Precipitation totals by climate division, West 0.15 inches, Central 0.07 inches, Bluegrass 0.09 inches and East 0.05 inches, which was 0.92, 0.93, 0.85 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 0.19 inches at Evansville.

Tom Priddy

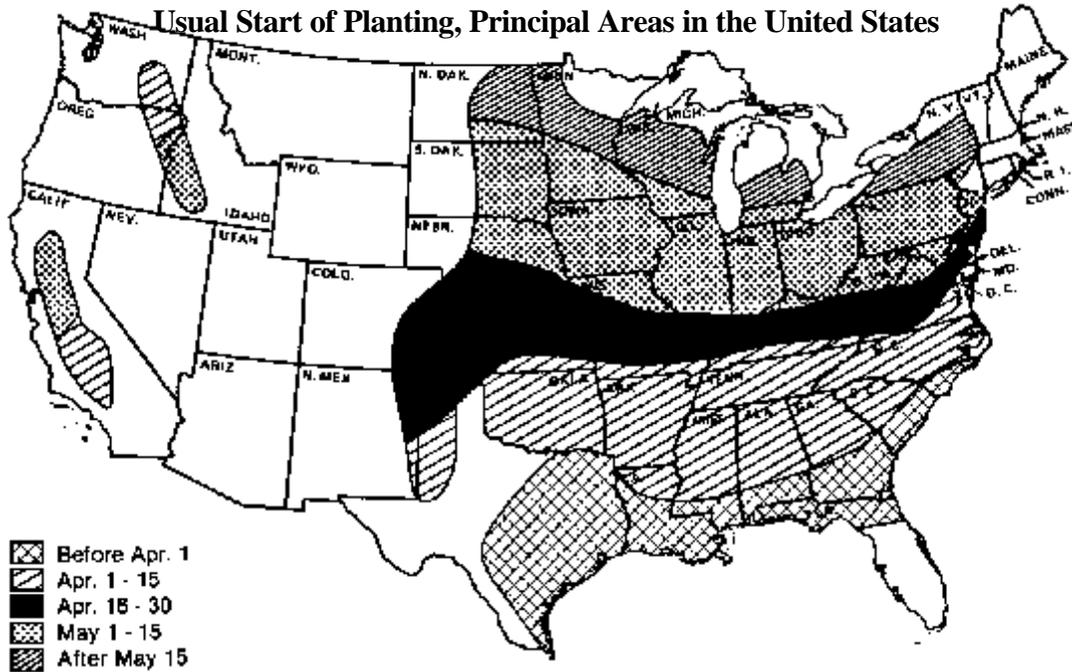
## **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, APRIL 7, 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	0.00	12.22	+0.84	57	46	76	28	47.3	-5
Berea	0.08	11.79	+0.75	55	43	78	28	48.1	-3
Bowling Green	0.04	12.25	-1.81	--	--	80	28	47.6	-5
Bristol	0.02	11.08	-0.06	--	--	76	28	47.6	-3
Buckhorn Lake	0.02	12.89	+0.54	--	--	78	30	46.5	-4
Cape Girardeau	0.11	15.03	+2.75	--	--	74	27	47.2	-8
Campbellsville	0.02	12.88	-0.76	55	44	78	30	47.7	-5
Covington	0.09	8.69	-1.70	--	--	75	27	42.9	-8
Cumberland Gap	0.01	13.84	-0.49	55	46	77	29	47.5	-3
Dix Dam	0.06	11.45	-0.25	--	--	77	28	46.6	-4
Evansville	0.19	10.61	-0.82	--	--	77	26	46.2	-9
Glasgow	0.04	13.26	-0.91	52	47	79	30	49.7	-3
Grayson	0.12	11.88	+1.87	55	46	79	26	45.8	-5
Hardinsburg	0.14	13.11	+0.13	57	46	79	29	47.3	-5
Henderson	0.13	10.32	-1.55	59	49	79	27	47.4	-7
Huntington	0.14	12.54	+2.59	--	--	79	24	45.9	-5
Jackson	0.03	13.65	+1.46	--	--	78	30	46.5	-4
Lexington	0.08	11.74	+0.36	--	--	77	28	44.7	-6
London	0.01	13.30	+0.89	--	--	77	28	45.6	-5
Louisville	0.14	15.23	+3.42	--	--	78	29	45.8	-7
Mayfield	0.16	9.23	-5.73	55	46	78	30	47.0	-8
Nashville	0.00	16.42	+3.14	--	--	79	31	49.0	-3
Nolin Lake	0.07	13.09	+0.01	--	--	80	29	47.3	-5
Paducah	0.16	14.92	+1.66	41	38	78	29	48.2	-7
Princeton	0.16	14.53	+0.24	59	47	80	28	50.4	-4
Quicksand	0.03	12.95	+0.76	55	46	78	30	46.4	-4
Somerset	0.02	13.56	+0.46	55	42	78	29	45.8	-5
Spindletop	0.09	11.42	+0.04	56	43	76	28	44.6	-6
Williamstown	0.11	10.28	-0.70	55	43	76	27	46.4	-5

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: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

## CORN FOR GRAIN



### 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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