



Kentucky Agricultural Statistics Service  
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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

**LELAND E. BROWN, State Statistician**

Issued 4:00 P.M., May 5, 2003

JOC 6-03

**AGRICULTURAL NEWS:** The week started off with temperatures near normal, then got cooler following some showers at the end of the week. Temperatures averaged 65 degrees, 3 degrees above normal and 9 degrees above the previous week's average. Rainfall totaled 0.92 inches statewide, 0.11 inches below normal. **Topsoil moisture**, as of Friday, May 2 was rated 1 percent short, 71 percent adequate, and 28 percent surplus. **Subsoil moisture**, was rated 1 percent short, 76 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 3.8 out of a possible 7 days.

**SMALL GRAINS:** Wheat condition was rated 4 percent poor, 20 percent fair, 48 percent good, and 28 percent excellent. Reports indicate that 50 percent of the wheat crop had headed, 4 percent behind last year and 11 percent behind average.

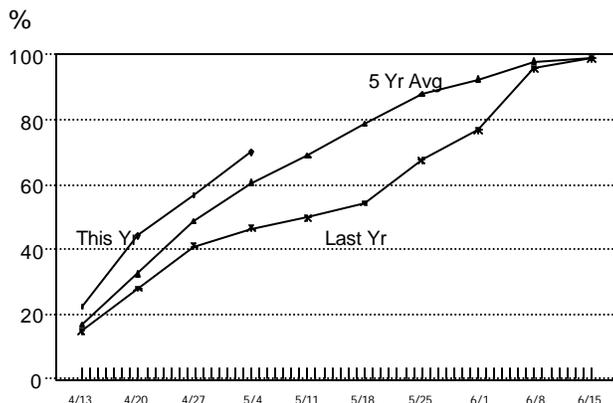
**TOBACCO:** Transplants measured less than 2 inches in 41 percent, 2 to 4 inches in 36 percent and 23 percent were greater than 4 inches. As of Sunday,

May 4 burley tobacco set was 3 percent, one percent ahead of last year, while dark tobacco was only 1 percent set.

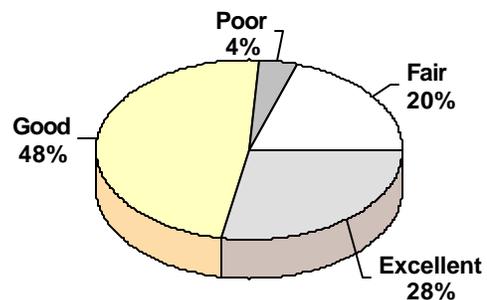
**CORN AND SOYBEANS:** A few days of dry weather the middle of the week gave some farmers a chance to plant their crops between rain showers. Corn producers have planted 70 percent of their acres, 24 percent ahead of last year and 9 percent above the average. Corn emerged was 52 percent, 14 percent ahead of last year and 13 percent ahead of the average. Corn emerged rated 3 percent poor, 25 percent fair, 53 percent good and 19 percent excellent. Soybeans were 4 percent planted, 2 percent above last year but 4 percent behind the average.

**OTHER CROPS:** Hay crop condition was 4 percent poor, 21 percent fair, 54 percent good, and 21 percent excellent. Pasture condition was rated 2 percent poor, 19 percent fair, 59 percent good, and 20 percent excellent. Nitrogen supplies were generally adequate statewide with tightest supplies reported in eastern Kentucky.

**CORN PLANTING PROGRESS**



**WHEAT CONDITION (May 2)**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING MAY 4, 2003  
WITH COMPARISONS

**SOIL MOISTURE**  
WEEK ENDING MAY 2, 2003  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	70	46	61	57	29
Emerged	52	38	39	28	6
Wheat					
Headed	50	54	61	9	21
Soybeans					
Planted	4	2	8	2	3
Burley Tobacco Set	3	2	3	NA	NA
Dark Tobacco Set	1	NA	NA	NA	NA

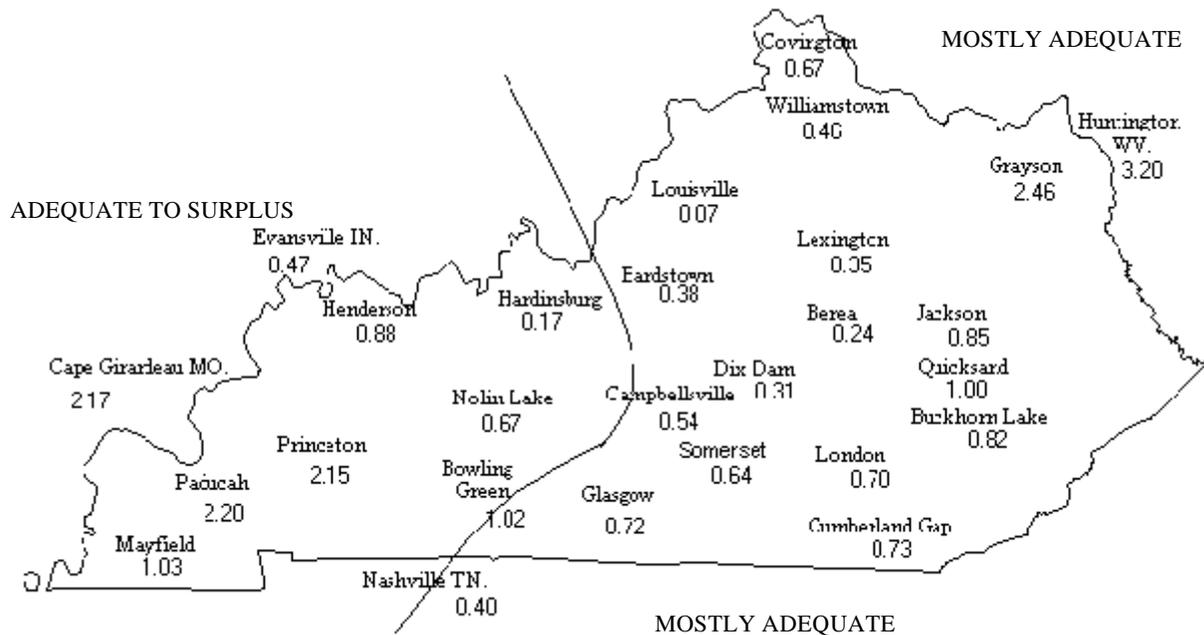
	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	0	0
Short	1	0
Adequate	71	63
Surplus	28	37
<b>SUBSOIL</b>		
Very Short	0	0
Short	1	1
Adequate	76	69
Surplus	23	30

(NA) Data Not Available.

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING MAY 2, 2003					WEEK ENDING APRIL 25, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	0	3	25	53	19	0	4	28	54	14
Wheat	0	4	20	48	28	0	3	26	50	21
Pasture	0	2	19	59	20	1	3	17	55	24
Hay Crops	0	4	21	54	21	-	-	-	-	-

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 4, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 2, 2003**



# **KENTUCKY WEATHER SUMMARY, APRIL 28 - MAY 4, 2003:**

## **BELOW NORMAL PRECIPITATION AND ABOVE NORMAL TEMPERATURES:**

Two rain events this week, one early in the workweek, and one to start off the weekend, neither of which were significant enough to bring rainfall totals for the State to normal levels for the week. Most of the week, temperatures remained at or above normal across the State. However, by Friday, following the passage of a cold front during the afternoon hours, temperatures began to drop, and left the weekend with below normal readings.

Temperatures for the period averaged 65 degrees across the State which was 3 degrees above normal. High temperatures averaged from 76 in the West to 75 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 4 degrees above normal in the East. Low temperatures averaged from 56 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 3 degrees above normal in the East.

Rainfall for the period totaled 0.92 inches statewide which was 0.11 inches below normal. Precipitation totals by climate division, West 1.39 inches, Central 0.50 inches, Bluegrass 0.48 inches and East 1.30 inches, which was +0.30, -0.56, -0.51 and +0.33 inches respectively from normal. By station, precipitation totals ranged from a low of 0.07 inches at Louisville to a high of 3.20 inches at Huntington.

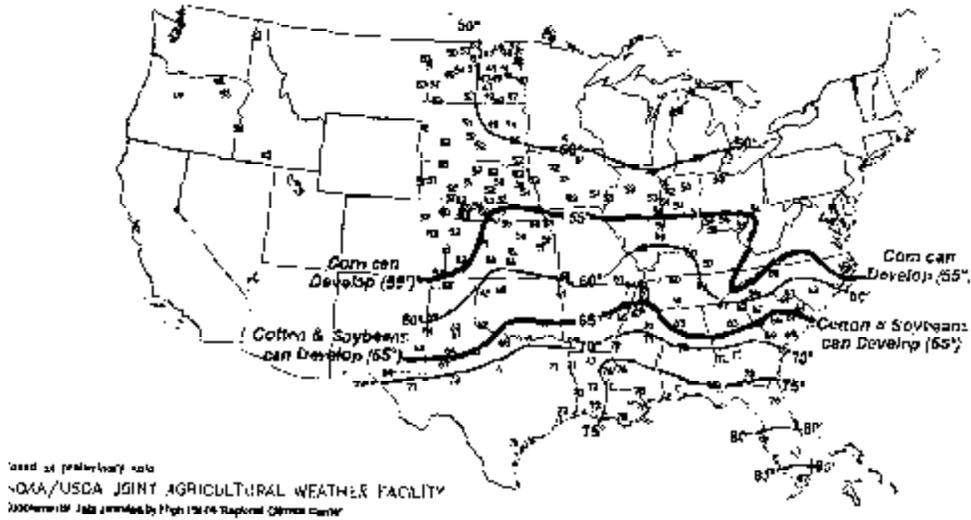
Tom Priddy

## **KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 4, 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	0.38	6.11	4.92	+1.65	+1.24	81	39	64.4	+3	109	387	+27
Berea	0.24	4.49	3.74	-0.39	-0.29	81	47	65.6	+5	111	413	+49
Bowling Green	1.02	6.25	5.35	+1.29	+1.26	83	44	65.5	+4	111	424	+60
Bristol	0.87	7.15	6.70	+3.35	+3.56	81	43	64.0	+3	101	350	+24
Buckhorn Lake	0.82	6.88	6.17	+2.60	+2.64	81	45	63.6	+3	98	390	+64
Cape Girardeau	2.17	5.75	5.31	+0.65	+1.10	83	52	66.4	+2	112	374	+6
Campbellsville	0.54	5.65	4.74	+0.24	+0.28	84	43	65.9	+4	115	446	+82
Covington	0.67	2.54	2.26	-1.76	-1.29	81	40	61.8	+1	90	311	+15
Cumberland Gap	0.73	8.00	7.10	+3.30	+3.22	82	44	64.9	+4	108	385	+59
Dix Dam	0.31	4.89	4.14	+0.06	+0.15	81	43	64.7	+4	107	397	+37
Evansville	0.47	4.10	3.76	-0.53	-0.07	82	47	65.9	+2	112	357	+23
Glasgow	0.72	5.69	4.57	+0.49	+0.28	86	43	66.4	+5	119	463	+159
Grayson	2.46	6.25	5.79	+2.07	+2.34	81	39	63.3	+3	101	387	+95
Hardinsburg	0.17	5.66	4.83	+0.72	+0.75	84	45	65.7	+4	111	400	+36
Henderson	0.88	5.34	4.86	+0.49	+0.86	82	48	64.6	+1	103	396	+32
Huntington	3.20	6.98	6.58	+2.83	+3.15	81	37	63.1	+2	101	373	+47
Jackson	0.85	5.94	5.39	+1.26	+1.53	80	46	64.0	+3	100	378	+52
Lexington	0.35	4.14	3.54	-0.32	-0.14	81	43	63.3	+3	96	335	+39
London	0.70	6.77	5.79	+2.30	+2.10	82	42	63.9	+3	102	373	+47
Louisville	0.07	6.13	5.39	+1.30	+1.41	83	43	64.7	+3	108	368	+34
Mayfield	1.03	6.10	5.26	+0.40	+0.57	82	45	64.8	+1	106	381	-17
Nashville	0.40	5.09	3.24	+0.09	-0.89	85	48	68.4	+6	127	439	+41
Nolin Lake	0.67	6.24	5.38	+1.00	+1.05	84	44	65.9	+4	113	433	+73
Paducah	2.20	7.16	6.44	+1.51	+1.79	84	52	66.6	+2	114	408	+40
Princeton	2.15	7.66	6.77	+2.22	+2.29	85	47	66.7	+3	116	432	+38
Quicksand	1.00	5.96	5.28	+1.28	+1.42	82	46	63.6	+3	98	399	+73
Somerset	0.64	6.93	5.96	+1.93	+1.83	83	43	65.0	+4	109	409	+49
Spindletop	0.86	3.87	3.18	-0.59	-0.50	80	38	62.2	+2	94	334	+38
Williamstown	0.46	2.82	2.57	-1.90	-1.32	83	42	63.5	+3	98	374	+78

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr1 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/>

Average Soil Temperature (°F, 4" Bare)  
APR 20 - 26, 2003



**Corn Percent Planted**

State	Apr 27 2003	Prev Week	Prev Year	5-Yr Avg
CO	10	3	13	14
IL	47	21	24	26
IN	26	9	4	14
IA	28	3	30	19
KS	39	27	46	46
<b>KY</b>	<b>57</b>	<b>44</b>	<b>41</b>	<b>48</b>
MI	2	1	5	5
MN	25	3	19	23
MO	57	48	61	51
NE	14	4	29	20
NC	63	32	77	70
ND	17	2	7	9
OH	18	4	5	8
PA	5	1	12	8
SD	9	0	10	8
TN	80	70	77	70
TX	73	68	74	71
WI	8	0	7	8
ALL	29	12	25	23

These 18 States planted 92% of last year's corn acreage.

**Winter Wheat Condition (Percent)**

State	VP	P	F	G	EX
AR	1	10	29	50	10
CA	0	0	10	50	40
CO	6	12	31	43	8
ID	0	1	5	78	16
IL	0	2	19	64	15
IN	0	2	16	62	20
KS	4	12	36	36	12
MI	1	7	41	48	3
MO	1	4	24	57	14
MT	2	8	25	51	14
NE	1	9	40	42	8
NC	2	8	33	55	2
OH	1	3	16	54	26
OK	3	7	24	49	17
OR	0	14	57	27	2
SD	2	14	35	41	8
TX	12	22	38	24	4
WA	2	7	19	58	14
ALL	4	11	31	43	11
Prev Wk	4	11	32	42	11
Prev Yr.	15	17	32	31	5

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