

**TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN**



2004 Weather Crop 21

Issued 3:00 P.M. 08/23/04

Week Ending August 22, 2004

CROPS CONTINUE TO LOOK GOOD, BUT MORE RAIN IS NEEDED

Crops and pastures continue to be rated in mostly good condition, but a general rain is still needed in most parts of Tennessee. Cotton received good heat units last week and some fields have begun to open. Crop development was slightly behind last year and the 5-year average. Virtually all of the State's soybeans were blooming with a large portion of the acreage setting pods. Tobacco growers were finishing topping and harvest had begun in earnest. Corn harvest for grain began on a very limited basis and should pick up rapidly over the next week or so. Insect pressures continued to be light for all crops. Other activities during the 6 days suitable for fieldwork last week were harvesting corn silage and vegetables, selling calves, and preparing machinery for harvest. Temperatures averaged two to six degrees below normal, while rainfall amounts ranged mostly from a half inch to one and a half inches across the State. As of Friday, topsoil moisture levels were rated 5 percent very short, 21 percent short, 72 percent adequate, and 2 percent surplus. Subsoil moisture levels were rated 5 percent very short, 25 percent short, 68 percent adequate, and 2 percent surplus.

CROP PROGRESS: Through August 22, 2004					CONDITION: On August 20, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
	Percent					Percent				
Corn Dent	97	90	90	88	Corn	1	4	13	51	31
Corn Mature	35	20	30	37	Cotton	0	1	15	58	26
Corn Silage Harvested	55	40	47	57	Soybeans	2	6	19	50	23
Cotton - Bolls Opening	9	3	10	14	Tobacco	3	6	24	48	19
Soybeans - Blooming	97	91	92	94	Pastures	1	5	19	63	12
Soybeans - Setting Pods	89	79	75	80						
Tobacco Topped	89	77	85	86						
Burley Tobacco Harvested	36	22	26	31						
Air-Cured Tobacco Harvested	41	21	26	36						
Fire-Cured Tobacco Harvested	34	18	27	35						

CORN: Corn for grain harvest has begun in a few early planted fields, while silage harvest is progressing on schedule. Overall, the crop was maturing at a pace slightly behind normal, and conditions remained mostly good-to-excellent.

COTTON: The State's cotton crop picked up substantial growing degrees last week, despite below average temperatures. There was some limited spraying for insects. Cotton continues to be rated in mostly good condition.

SOYBEANS: Soybean development picked up speed during the past week and was progressing on schedule. A few fields were turning color and starting to drop leaves. The scattered showers over the weekend should provide a lift for late season beans. The State's soybean crop was rated in mostly good-to-excellent condition.

TOBACCO: Nearly ninety percent of the State's tobacco acreage has been topped. Harvest was in full swing in most areas and progressing at a pace slightly ahead of normal. Tobacco poundage could be reduced this year due to outbreaks of black shank, blue mold, weather fleck, and excessive rains earlier in the year. The crop was rated in mostly fair-to-good condition.

PASTURES AND HAY: Pasture conditions remained mostly good. Many farmers took advantage of last week's sunshine to cut hay, spray for weeds, and clip pastures.

TEMPERATURES AND PRECIPITATION
For week ending: August 22nd, 2004(with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending August 22 nd , 2004				Current Week 8/22/04	Rain Days	Current Since January 1	Departure From Normal	Since April 1	
	HI	LO	AVG	DFN				Total	DFN	
Ames_Plantation	93	51	72	-6	2.33	3	40.03	+5.52	1815	-52
Tri-City_RGNL_A	88	57	72	-3	0.59	2	31.83	+4.09	1387	+111
Brownsville_TN	93	55	75	-5	1.80	2	35.16	+0.59	1950	+297
Chattanooga/Lov	91	61	76	-2	1.03	1	32.29	-3.10	1912	+158
Clarksville_Sew	91	53	73	-4	0.27	3	28.68	-4.65	1774	+110
Cookeville	91	50	70	-6	0.37	2	40.56	+2.77	1453	+409
Covington	92	50	71	-7	1.26	3	32.91	-0.78	1735	-172
Crossville_AP	85	54	70	-3	0.88	1	38.10	+0.79	1310	+124
Dickson_AG	89	50	71	-6	1.53	3	40.48	+4.97	1476	-264
Dover_1W	91	52	72	-4	1.13	3	29.53	-5.00	1643	+168
Dyersburg	93	54	74	-5	0.94	2	25.98	-7.02	1884	-142
Erwin_1W	87	57	72	+2	0.74	2	31.42	-2.33	1337	-185
Huntingdon_Wate	94	50	72	-5	2.67	2	37.14	+2.63	1751	+174
Jackson_Exp_Stn	93	52	74	-5	2.20	3	34.89	+0.62	1859	+42
Kingston_AG	90	58	73	-2	0.14	2	37.22	-1.91	1567	+197
Knoxville_AP	90	62	75	-2	0.56	3	34.35	+2.15	1752	+226
Lewisburg	92	48	71	-5	1.53	3	41.12	+4.73	1667	+124
Lexington_TN	93	52	73	-5	2.56	3	37.76	+4.25	1732	+611
Linden	91	48	71	-6	1.24	2	35.18	-1.65	1628	+79
Martin	93	52	73	-5	1.12	2	28.76	-6.08	1797	+48
Mc_Minville_Tn	90	53	73	-4	1.05	3	38.62	+3.12	1677	-256
Memphis_AG	94	55	75	-6	0.47	2	34.34	+0.52	1950	-305
Milan	95	48	73	-5	1.39	2	30.64	-4.85	1748	+41
Murfreesboro_5N	91	52	71	-6	1.10	1	35.79	+0.69	1677	-240
Nashville_Metro	92	54	74	-5	1.28	2	38.22	+6.62	1849	+28
Newcomb	88	54	70	-3	1.20	3	35.26	-1.38	1322	+205
Oneida	88	54	70	-2	0.65	2	33.82	-2.82	1371	-262
Pikeville	89	54	73	-4	1.21	2	33.51	-1.97	1615	+109
Portland_TN	90	54	71	-5	1.05	1	40.38	+6.03	1615	+109
Pulaski_Water_P	91	51	71	-7	2.07	2	42.71	+6.51	1639	-183
Savannah_6SW	91	48	71	-8	0.83	3	45.99	+8.55	1766	+166
Sparta_TN	91	51	72	-4	0.32	2	42.92	+6.31	1732	+431
Springfield	91	49	71	-5	2.12	3	38.90	+5.92	1622	+101
Springhill	94	50	72	-5	1.26	3	41.42	+4.85	1739	+198
Union_City	91	50	71	-5	0.69	2	28.64	-5.31	1630	-72
Waynesboro_TN	89	48	70	-6	2.35	3	42.53	+4.10	1582	-178

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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