



**WET WEATHER CONTINUES ACROSS THE VOLUNTEER STATE**

Wet weather continued to delay field activities, as showers and thunderstorms were found somewhere in the State every day last week. Rains limited field work to only 3 days, but improved the overall condition of cotton, tobacco, and pastures. Despite widespread showers, winter wheat harvest was virtually complete by week's end, with only 5 percent of the State's acreage left unharvested. Producers were also actively wrapping-up soybean planting. Ninety-five percent of the cotton acreage has entered the squaring stage, of which 14 percent has begun to set bolls. Corn was rated in mostly good-to-excellent condition with 82 percent in the silking or beyond stage. Other agricultural activities taking place last week included cutting hay and insect and weed control. Temperatures averaged a couple of degrees below normal over much of the State, while rainfall averaged below normal in Middle Tennessee but above normal across the remainder of the State. As of Friday, topsoil moisture levels were rated 62 percent adequate, and 38 percent surplus. Subsoil moisture levels were rated 74 percent adequate, and 26 percent surplus.

CROP PROGRESS: Through July 4, 2004					CONDITION: On July 2, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
						Percent				
Corn Silking or Beyond	82	71	73	71	Corn	1	3	13	50	33
Cotton - Squaring	95	81	54	81	Cotton	0	2	13	56	29
Cotton - Setting Bolls	14	3	5	11	Soybeans	1	2	12	64	21
Soybeans - Planted	95	90	93	97	Tobacco	1	2	23	58	16
Soybeans - Emerged	91	84	79	89	Pastures	0	2	12	65	21
Soybeans - Blooming	9	N/A	4	9						
Winter Wheat - Harvested	95	83	91	96						
Alfalfa Hay - Second Cutting	44	28	59	55						

**CORN:** Good growth continued, as 83 percent of the corn crop was rated in good-to-excellent condition. As of Sunday, 82 percent of the State's acreage had reached the silking stage, ahead of last year and the 5-year average.

**COTTON:** Nearly all of the cotton acreage had entered the squaring stage, surpassing last year and the 5-year average. The majority of the cotton crop was rated in good-to-excellent condition last week. Plant bugs are becoming more prevalent.

**SOYBEANS:** As of Sunday, soybean planting was virtually complete. Ninety-one percent of the acreage had emerged with 9 percent blooming. The crop declined slightly in condition from a week earlier due to saturated soils, but the majority of the acreage remained in mostly good condition.

**TOBACCO:** The majority of the tobacco acreage was rated in good condition, however, blue mold and black shank continue to cause problems in some areas. Virtually of the State's acreage has been transplanted. Ninety-three percent of the transplants used this year were grown using float bed systems, while the remaining 7 percent were raised in traditional beds.

**PASTURES & HAY:** Last week's rains hampered hay harvest and reduced the quality of some second cuttings. Alfalfa growers were able to get an additional 16 percent of the acreage cut but are still lagging behind last year and normal. Pastures showed good growth from the recent moisture and continued to be rated in mostly good condition.

**TEMPERATURES AND PRECIPITATION**  
**For week ending: 07/04/04(with comparisons)**

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE	
	Week Ending 07/04/04				Current Week 07/04/04	Rain Days	Current Since January 1	Departure From Normal	Since April 1	
	HI	LO	AVG	DFN				Total	DFN	
Ames_Plantation	88	67	77	-3	1.33	5	33.31	+4.58	1038	+81
Tri-	83	58	72	-3	0.01	1	24.42	+2.68	761	+188
Brownsville_TN	87	69	78	-3	1.41	4	29.48	+0.74	1115	+330
Chattanooga/Lov	89	64	75	-3	2.35	6	24.04	-4.62	1075	+232
Clarksville_Sew	88	62	75	-3	1.27	5	23.22	-3.74	1027	+226
Cookeville	86	60	74	-2	0.38	4	34.56	+4.50	835	+387
Covington	86	64	76	-4	1.08	4	27.71	-0.77	993	+34
Crossville_AP	84	61	72	-2	0.41	4	30.16	+0.31	751	+223
Dickson_AG	88	60	74	-4	1.72	5	34.59	+5.51	835	-11
Dover_1W	85	63	75	-2	0.33	2	24.56	-3.45	947	+246
Dyersburg	88	66	77	-3	0.56	5	22.70	-4.26	1096	+57
Erwin_1W	83	59	72	+0	0.53	3	25.13	-0.59	721	+19
Huntingdon_Wat	86	64	76	-3	0.96	4	31.19	+2.95	1010	+263
Jackson_Exp_St	86	68	77	-2	0.72	4	27.77	-0.86	1067	+167
Kingston_AG	86	61	73	-2	0.50	3	30.19	-0.84	882	+257
Knoxville_AP	85	63	75	-2	0.78	3	26.94	+1.05	994	+281
Lewisburg	88	62	75	-2	1.95	7	34.43	+4.90	971	+252
Lexington_TN	86	65	75	-4	2.02	4	32.18	+4.83	979	+499
Linden	86	61	75	-2	0.29	4	30.61	+0.34	920	+178
Martin	87	65	77	-2	0.44	3	25.70	-2.49	1030	+173
Mc_Minnville_T	87	63	75	-2	1.12	5	32.43	+3.51	981	+12
Memphis_AG	87	66	78	-5	0.31	2	29.11	+1.01	1099	-69
Milan	87	63	75	-3	0.34	3	26.78	-2.45	1011	+176
Murfreesboro_5	86	61	75	-3	0.87	4	27.94	-0.29	970	-2
Nashville_Metro	86	64	75	-3	0.50	5	31.56	+5.88	1046	+157
Newcomb	84	56	72	-1	0.99	5	27.36	-1.60	737	+262
Oneida	85	57	72	+0	0.40	4	27.50	-1.46	778	-15
Pikeville	87	65	74	-2	0.87	6	26.25	-2.65	922	+223
Portland_TN	85	62	75	-2	0.89	4	34.68	+6.63	928	+224
Pulaski_Water_P	86	65	75	-4	2.03	4	35.60	+5.86	935	+28
Savannah_6SW	88	64	76	-3	2.61	5	34.83	+3.40	1071	+298
Sparta_TN	90	61	76	+0	2.11	5	35.81	+6.60	1037	+429
Springfield	87	60	75	-1	1.17	5	30.60	+3.71	950	+241
Springhill	86	62	75	-2	2.19	7	34.63	+4.80	1011	+309
Union_City	86	62	75	-3	0.49	4	25.62	-2.37	938	+103
Waynesboro_TN	86	63	74	-2	2.80	5	32.70	+0.82	913	+48

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  
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The Tennessee Agricultural Statistics Service gratefully acknowledges contributions to this publication by:  
National Weather Service, and the University of Tennessee's Extension Service.