



**EXCELLENT PLANTING PROGRESS MADE; RAIN IS NEEDED**

Cotton producers made excellent progress last week and have planted all but five percent of their acreage. Producers are a full two weeks ahead of last year's late planted crop. Corn has almost completely emerged, while continuing to be rated in mostly fair-to-good condition. Wheat has begun to ripen, with the start of harvest to begin in the next several weeks. An additional 24 percent of the soybean acreage was planted last week with reports of only wheat beans left to be planted. The other main agricultural activities last week were transplanting tobacco, harvesting hay, and applying chemicals. Rainfall amounts were near normal last week, but temperatures averaged 5 to 6 degrees well above normal. Overall, many areas of the State are now in need of a good general rain. There were 6 days suitable for field work. As of Friday, topsoil moisture levels were rated 3 percent very short, 19 percent short, 72 percent adequate, and 6 percent surplus. Subsoil moisture levels were rated 2 percent very short, 16 percent short, 75 percent adequate, and 7 percent surplus.

CROP PROGRESS: Through May 30, 2004					CONDITION: On May 28, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
	Percent					Percent				
Winter Wheat - Turning color	84	60	73	82	Corn	1	5	22	55	17
Winter Wheat - Ripe	7	N/A	5	10	Cotton	0	2	21	63	14
Corn - Emerged	99	98	91	96	Alfalfa Hay	0	1	18	65	16
Cotton - Planted	95	71	70	90	Other Hay	1	6	27	57	9
Soybeans - Planted	54	30	23	41	Pastures	0	5	22	59	14
Soybeans - Emerged	29	16	12	27	Cattle	0	3	15	67	15
Tobacco - Transplanted	60	39	47	60						
Alfalfa Hay - First Cutting	84	76	67	81						
Other Hay - First Cutting	69	54	44	61						

**WHEAT:** As of Sunday, over eighty percent of the winter wheat acreage had turned color, while almost one-tenth of the wheat had ripen. The recent dry weather has helped grain development and reduced disease pressure.

**CORN:** Nearly all of the State's corn acreage has emerged and is currently rated in fair-to-good condition. Southwestern Corn Borers have been trapped in a few corn fields. Producers continued side-dressing and applying herbicides.

**COTTON:** Mild temperatures and dry weather this past week allowed cotton producers to make significant progress. Almost all of the cotton acreage has been planted, two weeks ahead of last year and slightly ahead the 5-year average. Farmers were spraying to control thrips and weeds as needed.

**SOYBEANS:** Soybean producers planted almost an additional one-fourth of the intended acreage this past week. Planting progress is a week ahead of the normal pace, and over two weeks ahead of last year. Nearly thirty percent of the planted acreage had emerged by week's end. Many producers are waiting to harvest winter wheat before finishing soybean plantings.

**TOBACCO:** Almost two-thirds of the State's tobacco has been transplanted, running slightly ahead of last year but in line with the 5-year average. Rain is needed in some areas to replenish soil moisture and help transplants get a good start.

**PASTURES, HAY & CATTLE:** Hay and pastures are rated in mostly fair-to-good condition. With the recent dry weather, hay harvest has been progressing well. As of Sunday, 84 percent of the alfalfa and 69 percent of all other hay had been harvested, both ahead of last year and the normal schedule. Cattle conditions were rated as mostly good, despite large populations of flies observed on livestock in some areas. Producers are applying control measures, where needed.

**TEMPERATURES AND PRECIPITATION**  
**For week ending: May 30, 2004 (with comparisons)**

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 5/30/04				Current Week 5/30/04	Rain Days	Current Since January 1	Departure From Normal	Since April 1	
	HI	LO	AVG	DFN					Total	DFN
Ames_Plantation	88	64	77	+6	0.46	2	23.06	-1.41	465	+73
Tri-City_RGNL_A	87	59	73	+7	1.19	5	17.58	+0.07	345	+171
Brownsville_TN	87	66	77	+5	0.08	1	23.33	-1.31	511	+241
Chattanooga/Lov	89	63	77	+8	0.72	2	18.08	-6.33	499	+201
Clarksville_Sew	87	66	77	+8	1.77	3	18.11	-4.30	473	+179
Cookeville	85	62	74	+7	1.01	4	25.52	+0.41	370	+242
Covington	87	65	77	+5	0.21	2	20.04	-4.47	437	+70
Crossville_AP	82	64	73	+8	0.81	5	23.89	-1.09	337	+168
Dickson_AG	88	64	76	+7	0.30	2	24.81	+0.65	369	+59
Dover_1W	84	64	76	+7	0.27	2	18.28	-5.15	438	+190
Dyersburg	88	66	78	+6	0.19	1	18.52	-3.82	511	+97
Erwin_1W	87	61	72	+9	1.88	6	15.38	-4.74	302	+72
Huntingdon_Wate	88	65	76	+7	0.12	1	21.72	-1.79	461	+200
Jackson_TN	86	62	77	+6	0.11	2	22.43	-1.72	491	+101
Kingston_AG	89	56	74	+7	0.77	2	23.06	-2.94	387	+190
Knoxville_AP	90	64	77	+9	2.18	5	17.27	-3.90	467	+229
Lewisburg	89	64	76	+8	0.44	3	21.50	-3.40	436	+196
Lexington_TN	86	64	76	+6	0.32	2	23.83	+0.95	443	+306
Linden	87	63	75	+7	0.11	2	25.14	-0.23	397	+129
Martin	87	66	77	+8	0.46	2	20.12	-2.96	472	+163
Mc_Minnville_Tn	88	63	76	+7	0.32	3	22.63	-1.34	457	+83
Memphis_AG	88	66	78	+5	0.21	3	23.17	-0.76	489	+4
Milan	87	64	77	+8	0.40	3	20.51	-3.42	469	+163
Murfreesboro_5N	88	65	77	+8	0.50	3	21.27	-2.35	445	+44
Nashville_Metro	87	64	77	+7	0.18	3	26.12	+4.63	484	+154
Newcomb	86	60	72	+8	1.89	3	19.63	-3.97	315	+183
Oneida	85	62	73	+8	2.19	4	21.80	-1.80	351	+51
Pikeville	87	61	75	+7	0.15	2	19.31	-5.13	399	+161
Portland_TN	85	63	75	+7	2.94	4	28.16	+5.29	425	+191
Pulaski_Water_P	88	65	76	+5	0.68	2	25.37	+0.42	415	+68
Savannah_6SW	89	66	78	+7	0.18	3	25.12	-1.54	523	+242
Sparta_TN	91	64	77	+10	1.00	3	24.74	+0.26	493	+290
Springfield	85	63	76	+8	0.99	4	24.48	+2.41	437	+206
Springhill	89	63	76	+9	0.37	3	24.99	-0.20	462	+228
Union_City	87	64	77	+7	0.80	2	20.05	-2.85	425	+128
Waynesboro_TN	87	63	75	+8	0.41	2	23.29	-3.38	420	+101

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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