



FIELD ACTIVITIES ADVANCE DESPITE SHOWERS

Producers made favorable progress last week with most fieldwork, despite heavy showers across portions of Middle and West Tennessee. Eighty-two percent of the State's corn acreage had been planted by week's end with almost half emerged. Planting of this year's corn crop continues to exceed the previous year and the 5-year average. Cotton planting began last week, as weather permitted, slightly behind the normal pace. Nearly all of the winter wheat crop has reached the jointing stage, in line with last year and the 5-year average. The crop was rated in mostly good condition with only a few reports of insect and disease pressure. Besides planting, the other major agricultural field activity last week was applying pesticides. Temperatures were unseasonably warm last week, while rainfall amounts averaged well above normal in the West and Middle part of the state. Portions of East Tennessee are in need of rain. There were 4 days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 8 percent short, 60 percent adequate, and 32 percent surplus. Subsoil moisture levels were rated 6 percent short, 74 percent adequate, and 20 percent surplus.

| CROP PROGRESS: Through April 25, 2004 | | | | | CONDITION: On April 23, 2004 | | | | | |
|---------------------------------------|-----------|-----------|------|----------------|------------------------------|-----------|------|------|------|-----|
| Crop | This Week | Last Week | 2003 | Five Year Avg. | Item | Very Poor | Poor | Fair | Good | Exc |
| | | | | | | | | | | |
| Winter Wheat - Jointed | 93 | 83 | 92 | 95 | Winter Wheat | 0 | 1 | 19 | 56 | 24 |
| Winter Wheat - Headed | 28 | 4 | 26 | 34 | Pastures | 0 | 3 | 20 | 60 | 17 |
| Corn - Planted | 82 | 68 | 77 | 70 | Strawberries | 0 | 1 | 24 | 60 | 15 |
| Corn - Emerged | 45 | 20 | 45 | 36 | | | | | | |
| Cotton - Planted | 3 | N/A | 6 | 7 | | | | | | |
| Apples - Budding or Beyond | 98 | 86 | 97 | 98 | | | | | | |
| Apples - Blooming or Beyond | 84 | 69 | 88 | 89 | | | | | | |
| Peaches - Blooming or Beyond | 97 | 89 | 87 | 95 | | | | | | |

WHEAT: Although eighty percent of wheat crop was rated in good-to-excellent condition, disease pressure, especially barley yellow dwarf virus, has become noticeable in some fields. Producers continued to apply fungicides and insecticides. As of Sunday, 93 percent of the crop had reached the jointing stage, with 28 percent of the acreage headed.

CORN: Corn planting, at 82 percent completed, continues to out pace the 5-year average by a full week. Besides planting, growers were spraying insects.

COTTON: Currently, 3 percent of the State's cotton acreage has been planted. Producers are awaiting drier, warmer conditions to continue planting this year's crop.

FRUIT: Over ninety-five percent of the State's apple and peach crops have reached or exceeded the blooming stage, both in line with the 5-year average. Strawberries were rated in mostly good condition, while farmers have a positive outlook on harvest.

PASTURES: Over three-fourths of the State's pastures were rated in good-to-excellent condition. Alfalfa weevils continued to show up in some fields and farmers were spraying as needed.

TEMPERATURES AND PRECIPITATION
For week ending: April 25, 2004 (with comparisons)

| LOCATION | TEMPERATURE | | | | PRECIPITATION | | | | GDD BASE 60F | |
|-----------------|------------------------|----|-----|-----|----------------------------|--------------|-------------------------------|-----------------------------|---------------|-----|
| | Week Ending 4/25/04 | | | | Current Week 4/25/04 | Rain Days | Current Since January 1 | Departure From Normal | Since April 1 | |
| | HI | LO | AVG | DFN | | | | | Total | DFN |
| Ames_Plantation | 84 | 58 | 70 | +7 | 3.71 | 5 | 18.49 | -0.21 | 84 | -4 |
| Tri-City_RGNL_A | 83 | 49 | 66 | +10 | 0.24 | 2 | 14.12 | +0.89 | 48 | +33 |
| Brownsville_TN | 83 | 50 | 70 | +7 | 5.62 | 4 | 18.68 | +0.27 | 101 | +58 |
| Chattanooga/Lov | 86 | 51 | 70 | +10 | 0.16 | 1 | 14.26 | -5.22 | 88 | +39 |
| Clarksville_Sew | 84 | 54 | 69 | +10 | 2.52 | 4 | 11.19 | -6.36 | 78 | +25 |
| Cookeville | 84 | 48 | 67 | +9 | 0.52 | 3 | 21.04 | +2.00 | 50 | +43 |
| Covington | 83 | 51 | 68 | +7 | 4.39 | 4 | 16.82 | -1.61 | 74 | +8 |
| Crossville_AP | 81 | 55 | 67 | +11 | 0.26 | 3 | 17.97 | -1.23 | 59 | +41 |
| Dickson_AG | 80 | 56 | 67 | +7 | 4.17 | 5 | 19.02 | +0.66 | 60 | +4 |
| Dover_1W | 83 | 56 | 68 | +8 | 4.01 | 5 | 13.00 | -5.18 | 80 | +45 |
| Dyersburg | 81 | 57 | 69 | +7 | 3.54 | 4 | 13.95 | -2.92 | 92 | +11 |
| Erwin_1W | 84 | 43 | 64 | +10 | 0.03 | 1 | 10.52 | -4.44 | 33 | +0 |
| Huntingdon_Wate | 84 | 57 | 70 | +9 | 5.27 | 5 | 17.55 | -0.26 | 87 | +43 |
| Jackson_AG | 86 | 57 | 70 | +9 | 5.84 | 5 | 15.68 | -1.97 | 90 | +27 |
| Kingston_AG | 83 | 51 | 67 | +10 | 0.59 | 4 | 18.72 | -1.23 | 55 | +33 |
| Knoxville_AP | 84 | 55 | 69 | +10 | 0.02 | 1 | 12.54 | -4.02 | 82 | +50 |
| Lewisburg | 84 | 53 | 68 | +10 | 0.48 | 2 | 17.55 | -1.03 | 65 | +30 |
| Lexington_TN | 83 | 53 | 69 | +8 | 6.05 | 4 | 19.90 | +2.73 | 75 | +65 |
| Linden | 84 | 49 | 68 | +9 | 4.05 | 5 | 19.94 | +0.76 | 62 | +17 |
| Martin | 82 | 57 | 68 | +8 | 3.75 | 4 | 15.85 | -1.79 | 77 | +27 |
| Mc_Minnville_Tn | 85 | 56 | 70 | +10 | 0.94 | 3 | 19.72 | +1.44 | 85 | +15 |
| Memphis_AG | 82 | 58 | 70 | +6 | 5.26 | 5 | 19.12 | +0.89 | 87 | -18 |
| Milan | 85 | 57 | 70 | +10 | 5.03 | 5 | 15.85 | -2.07 | 88 | +37 |
| Murfreesboro_5N | 83 | 50 | 68 | +8 | 0.25 | 4 | 18.17 | +0.55 | 63 | -31 |
| Nashville_Metro | 83 | 59 | 70 | +9 | 3.72 | 4 | 20.45 | +4.45 | 90 | +32 |
| Newcomb | 84 | 48 | 65 | +10 | 0.46 | 2 | 15.06 | -2.66 | 40 | +31 |
| Oneida | 83 | 52 | 66 | +11 | 0.68 | 3 | 15.99 | -1.73 | 51 | -5 |
| Pikeville | 84 | 47 | 68 | +8 | 0.68 | 4 | 16.46 | -2.52 | 63 | +25 |
| Portland_TN | 83 | 58 | 67 | +9 | 4.02 | 5 | 19.25 | +2.19 | 68 | +38 |
| Pulaski_Water_P | 82 | 51 | 68 | +6 | 0.71 | 2 | 21.40 | +2.13 | 65 | -2 |
| Savannah_6SW | 86 | 58 | 71 | +8 | 2.36 | 5 | 19.61 | -0.53 | 100 | +53 |
| Sparta_TN | 86 | 50 | 69 | +10 | 1.20 | 5 | 20.59 | +2.08 | 71 | +44 |
| Springfield | 83 | 56 | 67 | +9 | 5.04 | 5 | 19.15 | +2.56 | 66 | +35 |
| Springhill | 85 | 57 | 70 | +11 | 0.96 | 4 | 19.83 | +0.82 | 84 | +50 |
| Union_City | 80 | 57 | 67 | +8 | 3.64 | 4 | 15.92 | -1.43 | 65 | +20 |

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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