



**IVAN PUTS A DAMPER ON FIELDWORK**

Hurricane Ivan brought high winds and heavy rains to Middle and Eastern parts of Tennessee towards the end of last week, delaying most field activities. Numerous crops in these areas were damaged due to flooding, although the full extent of loss is not yet known. Elsewhere, the weather was mostly dry and farmers made good progress. Corn producers were able to shell over a quarter of their acreage last week, slightly behind the 5-year average. The State's livestock producers also benefitted, as silage harvest was nearly completed. Tobacco growers made some headway last week, as harvest for all types stands near or ahead of the normal pace. Cotton defoliation picked up speed, but continues to lag behind normal. Cotton harvest, which started on a limited basis a week earlier, proceeded very slowly. Over a third of the soybean acreage was dropping leaves with harvest off to a good start, running ahead of last year and normal. Other agricultural activities last week included renovating pastures, preparing land for cover crops, and baling hay. There were 5 days considered suitable for fieldwork last week. Temperatures averaged near normal for the week, while remnants of Hurricane Ivan produced above normal rainfall for the Middle and Eastern parts of the State and below normal rainfall in the West. As of Friday, topsoil moisture levels were rated 12 percent short, 66 percent adequate, and 22 percent surplus. Subsoil moisture levels were rated 14 percent short, 71 percent adequate, and 15 percent surplus.

| <b>CROP PROGRESS: Through September 19, 2004</b> |           |           |      |                | <b>CONDITION: On September 17, 2004</b> |           |      |      |      |     |
|--------------------------------------------------|-----------|-----------|------|----------------|-----------------------------------------|-----------|------|------|------|-----|
| Crop                                             | This Week | Last Week | 2003 | Five Year Avg. | Item                                    | Very Poor | Poor | Fair | Good | Exc |
|                                                  | Percent   |           |      |                |                                         | Percent   |      |      |      |     |
| Corn Mature                                      | 95        | 86        | 95   | 97             | Corn                                    | 0         | 2    | 9    | 47   | 42  |
| Corn Grain Harvested                             | 60        | 32        | 52   | 67             | Cotton                                  | 0         | 1    | 12   | 61   | 26  |
| Corn Silage Harvested                            | 93        | 89        | 88   | 94             | Soybeans                                | 2         | 5    | 13   | 54   | 26  |
| Cotton - Bolls Opening                           | 54        | 42        | 50   | 81             | Pastures                                | 0         | 4    | 17   | 62   | 17  |
| Cotton - Defoliated                              | 17        | 7         | 19   | 45             |                                         |           |      |      |      |     |
| Cotton - Harvested                               | 2         | 1         | 1    | 9              |                                         |           |      |      |      |     |
| Soybeans - Dropping Leaves                       | 38        | 28        | 31   | 38             |                                         |           |      |      |      |     |
| Soybeans Harvested                               | 8         | 6         | 2    | 4              |                                         |           |      |      |      |     |
| Burley Tobacco Harvested                         | 76        | 68        | 77   | 83             |                                         |           |      |      |      |     |
| Air-Cured Tobacco Harvested                      | 95        | 89        | 86   | 91             |                                         |           |      |      |      |     |
| Fire-Cured Tobacco Harvested                     | 85        | 75        | 73   | 83             |                                         |           |      |      |      |     |

**CORN:** Eighty-nine percent of the corn crop was rated in good-to-excellent condition. Nearly all corn had reached maturity as of Sunday. A few East and lower Middle Tennessee producers expressed concerns with flooding and disease problems from recent rains.

**COTTON:** Over half of the cotton acreage had open bolls by week's end. Nearly a fifth of the cotton acreage had been defoliated with 2 percent of the acreage harvested. As of last Friday, the crop was rated in mostly good condition.

**SOYBEANS:** As of Sunday, over a third of the soybean acreage was dropping leaves, ahead of last year but in line with the 5-year average. The majority of the crop was rated in good condition with harvest progress running slightly ahead of the normal schedule.

**TOBACCO:** Tobacco growers made moderate harvest progress last week. Three-fourths of the burley tobacco crop is already in the barn with stripping beginning in some areas.

**PASTURES AND HAY:** Pastures remained in mostly good condition, as farmers made preparations for fall seeding. Growers were busy over-seeding and applying lime.

**VEGETABLES AND FRUITS:** Heavy rains from the remnants of recent hurricanes have caused flooding and resulted in losses to vegetable crops in the Middle and Eastern parts of the State. Growers continued to harvest apples, pumpkins, and tomatoes last week, as weather permitted.

**TEMPERATURES AND PRECIPITATION**  
**For week ending: September 19<sup>th</sup>, 2004 (with comparisons)**

| LOCATION         | TEMPERATURE                                 |    |     |     | PRECIPITATION               |              |                               |                             | GDD BASE 60F  |      |
|------------------|---------------------------------------------|----|-----|-----|-----------------------------|--------------|-------------------------------|-----------------------------|---------------|------|
|                  | Week Ending<br>Sept 19 <sup>th</sup> , 2004 |    |     |     | Current<br>Week<br>09/19/04 | Rain<br>Days | Current<br>Since<br>January 1 | Departure<br>From<br>Normal | Since April 1 |      |
|                  | HI                                          | LO | AVG | DFN |                             |              |                               | Total                       | DFN           |      |
| Ames_Plantation  | 88                                          | 54 | 74  | +3  | 0.97                        | 3            | 42.59                         | +4.57                       | 2262          | +9   |
| Tri-City_RGNL_A  | 84                                          | 47 | 68  | +1  | 3.11                        | 3            | 38.85                         | +8.11                       | 1708          | +151 |
| Brownsville_TN   | 87                                          | 56 | 75  | +3  | 0.38                        | 1            | 41.14                         | +3.18                       | 2413          | +410 |
| Chattanooga/Lov  | 84                                          | 58 | 72  | -1  | 6.62                        | 2            | 41.35                         | +2.22                       | 2347          | +185 |
| Clarksville_Sew  | 86                                          | 52 | 72  | +3  | 0.85                        | 2            | 30.15                         | -6.53                       | 2189          | +169 |
| Cookeville       | 88                                          | 49 | 69  | +1  | 4.58                        | 3            | 47.03                         | +5.28                       | 1812          | +546 |
| Covington        | 87                                          | 54 | 73  | +3  | 0.48                        | 2            | 37.69                         | +0.57                       | 2152          | -145 |
| Crossville_AP    | 79                                          | 50 | 67  | +2  | 5.33                        | 3            | 46.93                         | +6.09                       | 1600          | +165 |
| Dickson_AG       | 86                                          | 52 | 71  | +2  | 0.71                        | 3            | 44.88                         | +5.65                       | 1833          | -271 |
| Dover_1W         | 87                                          | 53 | 73  | +4  | 0.13                        | 3            | 30.61                         | -7.48                       | 2031          | +233 |
| Dyersburg        | 88                                          | 54 | 74  | +2  | 0.01                        | 1            | 26.82                         | -9.42                       | 2307          | -128 |
| Erwin_1W         | 84                                          | 49 | 68  | +4  | 3.18                        | 2            | 41.96                         | +4.72                       | 1652          | -194 |
| Huntingdon_Wate  | 87                                          | 53 | 73  | +4  | 0.34                        | 1            | 39.38                         | +1.02                       | 2163          | +248 |
| Jackson_Exp_Stn  | 87                                          | 53 | 74  | +3  | 0.68                        | 3            | 37.75                         | +0.05                       | 2285          | +82  |
| Kingston_AG      | 82                                          | 51 | 68  | +0  | 3.81                        | 2            | 44.23                         | +1.42                       | 1910          | +242 |
| Knoxville_AP     | 84                                          | 51 | 70  | -1  | 2.54                        | 2            | 39.19                         | +4.18                       | 2134          | +263 |
| Lewisburg        | 86                                          | 48 | 71  | +2  | 3.41                        | 2            | 47.23                         | +7.55                       | 2053          | +172 |
| Lexington_TN     | 87                                          | 54 | 73  | +2  | 1.38                        | 4            | 40.85                         | +4.14                       | 2146          | +788 |
| Linden           | 85                                          | 48 | 71  | +2  | 3.23                        | 5            | 44.13                         | +3.90                       | 2006          | +113 |
| Martin           | 88                                          | 53 | 73  | +4  | 0.00                        | 0            | 32.78                         | -5.43                       | 2217          | +109 |
| Mc_Minncville_Tn | 85                                          | 51 | 70  | +0  | 3.39                        | 2            | 43.61                         | +4.61                       | 2070          | -266 |
| Memphis_AG       | 90                                          | 55 | 75  | +2  | 0.22                        | 1            | 37.60                         | +0.47                       | 2418          | -304 |
| Milan            | 89                                          | 50 | 73  | +4  | 0.30                        | 2            | 34.04                         | -5.34                       | 2150          | +90  |
| Murfreesboro_5N  | 87                                          | 52 | 71  | +2  | 4.17                        | 4            | 40.82                         | +1.83                       | 2078          | -251 |
| Nashville_Metro  | 87                                          | 51 | 73  | +2  | 2.28                        | 4            | 43.13                         | +8.24                       | 2278          | +62  |
| Newcomb          | 83                                          | 50 | 67  | +3  | 3.83                        | 2            | 44.34                         | +4.06                       | 1634          | +282 |
| Oneida           | 83                                          | 49 | 67  | +2  | 4.14                        | 5            | 41.26                         | +0.98                       | 1683          | -308 |
| Pikeville        | 82                                          | 48 | 70  | +0  | 5.53                        | 1            | 42.79                         | +3.70                       | 1996          | +166 |
| Portland_TN      | 84                                          | 51 | 70  | +2  | 3.55                        | 4            | 45.47                         | +7.79                       | 1967          | +125 |
| Pulaski_Water_P  | 85                                          | 52 | 73  | +1  | 3.78                        | 3            | 52.14                         | +12.27                      | 2029          | -175 |
| Savannah_6SW     | 87                                          | 51 | 73  | +0  | 1.14                        | 5            | 51.44                         | +10.45                      | 2160          | +208 |
| Sparta_TN        | 85                                          | 50 | 69  | +0  | 2.30                        | 2            | 48.33                         | +8.06                       | 2105          | +516 |
| Springfield      | 86                                          | 51 | 71  | +3  | 1.02                        | 3            | 42.08                         | +5.89                       | 1996          | +153 |
| Springhill       | 89                                          | 53 | 73  | +5  | 2.42                        | 4            | 45.40                         | +5.65                       | 2149          | +275 |
| Union_City       | 86                                          | 50 | 72  | +3  | 0.00                        | 0            | 32.65                         | -4.57                       | 2007          | -35  |
| Waynesboro_TN    | 85                                          | 54 | 72  | +3  | 4.58                        | 4            | 52.60                         | +10.86                      | 1959          | -158 |

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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