Dollar Spot,
continued from page 1

days since last applied), Manhandle had lost its residual ef-
ficacy, and by 30 July dollar spot levels in Manhandle-
treated plots were equivalent to the untreated control. Eagle
(0.5 oz, 14-day interval and 1.0 oz, 28-day interval) lost re-
sidual effectiveness on 6 and 13 August, respectively.

The dramatic reduction in dollar spot with Primer was
unexpected. It is theorized that Primer helped to suppress
dollar spot by reducing leaf wetness duration, but other fac-
tors may have been involved. Because of these promising
results, Primer will be further evaluated in 2002. We are grate-
ful to the Mid-Atlantic Association of Golf Course Superin-
tendents, Aquatrols, and Nutramax Labs, Inc. for providing
funding in support of this and other studies. In this study,
Primer and other non-fungicide materials (including Trimmit,
Macrosorb, urea, ammonium sulfate, Lesco’s 12-0-0 Plus Iron
and Micronutrients) will be applied alone or in tank-mixes
with Primer. Daconil Ultrex will serve as a standard for com-
parison. Unlike the 2001 study, the Primer rate will be re-
duced from 3.0 to 2.0 fl. oz/1000ft2 (as specified by the label
for fairways) and the materials will be applied in 50 gallons
of water per acre rather than the 109 gallons used in the 2001
fungicide trial. Hopefully, treatments will be identified that
reduce dollar spot severity and thereby help reduce the rate
and frequency of fungicide applications. Dollar spot suppres-
sion and control in Crenshaw creeping bentgrass with fungici-

<table>
<thead>
<tr>
<th>Spray Interval</th>
<th>Treatment and rate/1000 sq ft* (days)</th>
<th>25 Jun</th>
<th>2 Jul</th>
<th>9 Jul</th>
<th>15 Jul</th>
<th>23 Jul</th>
<th>30 Jul</th>
<th>6 Aug</th>
<th>13 Aug</th>
<th>20 Aug</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primer 100 L 3.0 fl oz ...............</td>
<td>14</td>
<td>0.5 cde</td>
<td>0.7 de</td>
<td>0.5 de</td>
<td>0.4 c-f</td>
<td>1.6 bcd</td>
<td>2.0 cd</td>
<td>7.5 bc</td>
<td>22.3 b</td>
<td>33.3 a-d</td>
</tr>
<tr>
<td>Macrosorb 2-0-0 2.0 fl oz ..........</td>
<td>14</td>
<td>0.8 bcd</td>
<td>1.4 bcd</td>
<td>1.3 bcd</td>
<td>1.0 bcd</td>
<td>3.3 bc</td>
<td>5.8 abc</td>
<td>13.3 ab</td>
<td>29.5 ab</td>
<td>31.3 a-d</td>
</tr>
<tr>
<td>Amm. Sulfate 21-0-0 2.0 fl oz ....</td>
<td>14</td>
<td>1.2 abc</td>
<td>3.6 ab</td>
<td>1.9 abc</td>
<td>1.4 b</td>
<td>4.5 ab</td>
<td>5.0 bc</td>
<td>16.0 ab</td>
<td>31.0 a</td>
<td>42.0 ab</td>
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<tr>
<td>Echo 720F 3.6 fl oz ...............</td>
<td>14</td>
<td>0.0 f</td>
<td>0.0 f</td>
<td>0.0 g</td>
<td>0.0 f</td>
<td>0.1 e</td>
<td>0.4 ef</td>
<td>0.5 fg</td>
<td>4.5 ab</td>
<td>5.0 bc</td>
</tr>
<tr>
<td>Echo 90DF 3.0 oz ...............</td>
<td>14</td>
<td>0.2 ef</td>
<td>0.1 ef</td>
<td>0.1 ef</td>
<td>0.1 f</td>
<td>0.5 de</td>
<td>1.3 de</td>
<td>3.0 de</td>
<td>9.3 cd</td>
<td>20.5 b-f</td>
</tr>
<tr>
<td>Daconil Ultrex 82.5WDG 3.2 oz ..........</td>
<td>14</td>
<td>0.1 ef</td>
<td>0.0 f</td>
<td>0.0 g</td>
<td>0.0 f</td>
<td>0.1 e</td>
<td>0.3 ef</td>
<td>0.7 ef</td>
<td>1.6 e</td>
<td>7.3 g</td>
</tr>
<tr>
<td>Eagle 40WP 0.5 oz ................</td>
<td>14</td>
<td>0.1 ef</td>
<td>0.0 f</td>
<td>0.0 g</td>
<td>0.0 f</td>
<td>0.1 e</td>
<td>0.2 ef</td>
<td>1.0 def</td>
<td>8.5 cd</td>
<td>20.5 a-e</td>
</tr>
<tr>
<td>Eagle 40WP 1.0 oz ................</td>
<td>14</td>
<td>0.0 f</td>
<td>0.0 f</td>
<td>0.0 g</td>
<td>0.0 f</td>
<td>0.0 e</td>
<td>0.1 f</td>
<td>0.2 fg</td>
<td>2.0 e</td>
<td>10.8 ef</td>
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<tr>
<td>Manhandle 6.47G 6.4 oz ..........</td>
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<td>0.3 def</td>
<td>0.3 ef</td>
<td>0.1 ef</td>
<td>0.3 ef</td>
<td>5.3 bc</td>
<td>8.8 abc</td>
<td>15.3 ab</td>
<td>35.8 a</td>
<td>48.3 a</td>
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<tr>
<td>Untreated ........................</td>
<td>--</td>
<td>3.1 a</td>
<td>6.6 a</td>
<td>3.6 a</td>
<td>6.6 a</td>
<td>10.5 a</td>
<td>14.0 a</td>
<td>25.3 a</td>
<td>45.8 a</td>
<td>44.8 abc</td>
</tr>
</tbody>
</table>

*Treatment on the 14-day interval were applied 8 and 23 May; 4 and 18 June; and 2 July.

**Treatment on the 28-day interval were applied 8 May, 4 June and 2 July.

**Means in a column followed by the same letter are not significantly different at P=0.05 according to the least significant difference t-test.