Syngenta - Root Ratings 2004

Investigator: Dr. Gerald Wilde

Planting Date: 6/May/2004
Row Spacing: 30 IN
Plot Width, Unit: 10 FT
Plot Length, Unit: 40 FT
Reps: 4

Insect Code DIABV
Crop Code ZEAMX
Part Rated ROOT C
Rating Data Type DAMINS
Rating Unit 0-3
Rating Date 22/Jun/2004
Crop Stage tassel
Insect Stage LARVA
Infestation Level Moderate
Infestation Unit 0-3
Assessed By G. Wilde
Trt-Eval Interval 47 DA-A
# Subsamples, 6
### Syngenta - Root Ratings 2004 continued:

<table>
<thead>
<tr>
<th>Treatment/ Product Name</th>
<th>Root Rating*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIR604</td>
<td>0.03 c</td>
</tr>
<tr>
<td>MIR604 + Cruiser 5 FS @ 0.125 mg /seed</td>
<td>0.01 c</td>
</tr>
<tr>
<td>MIR604 + Cruiser 5 FS @ 0.750 mg /seed</td>
<td>0.01 c</td>
</tr>
<tr>
<td>Corn negative control Isoline + Cruiser 5 FS @ 0.125 mg /seed</td>
<td>1.54 a</td>
</tr>
<tr>
<td>Corn negative control Isoline + Cruiser 5 FS @ 0.750 mg /seed</td>
<td>1.38 ab</td>
</tr>
<tr>
<td>Corn negative control Isoline + Cruiser 5 FS @ 1.25 mg /seed</td>
<td>0.68 abc</td>
</tr>
<tr>
<td>Corn negative control Isoline + Poncho1250 5 SC @ 1.25 mg /seed</td>
<td>0.48 abc</td>
</tr>
<tr>
<td>Corn negative control Isoline + Force 3 G @ 1.12 g/100 m row</td>
<td>1.12 abc</td>
</tr>
<tr>
<td>Corn negative control Isoline + Aztec 2.1 GR@ 1.31 g/100 m row</td>
<td>0.28 bc</td>
</tr>
<tr>
<td>Corn negative control Isoline + Lorsban 15 G @ 2.23 g/100 m row</td>
<td>0.94 abc</td>
</tr>
<tr>
<td>Corn negative control Isoline</td>
<td>1.63 a</td>
</tr>
</tbody>
</table>

* Three point damage scale 0= no damage – 3 = 3 nodes of roots heavily damaged. Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Reference to specific products is provided solely for informational purposes. Experiments with pesticides on non-labeled crops or pests is part of the insecticide registration process, it does not imply endorsement or recommendation of non-labeled uses of pesticides by Kansas State University. All pesticide use must be consistent with current labels.

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