**FIELD AND CEREAL (Hein & Tollefson, con't)**

<table>
<thead>
<tr>
<th>Treatment and lb ai/acre and placement</th>
<th>Test Location</th>
<th>Ames</th>
<th>Nashua</th>
<th>Newell</th>
<th>Alta</th>
<th>Marengo</th>
<th>Red Oak</th>
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<tbody>
<tr>
<td>MO 70286 15G 0.25 furrow...</td>
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<td>2.2a-f</td>
<td>2.1a-h</td>
<td>2.7a-i</td>
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*Treatments sharing a common letter do not differ significantly at the 5% level (DMRT).*

**Wireworm populations in the 2 fields were relatively high, but only a small proportion of the seeds and/or seedlings that had wireworm feeding damage died or produced plants of reduced vigor. Good control of wireworm damage was obtained with many compounds used in a furrow treatment. Comparison of the band and furrow treatments of the same compounds demonstrated significantly (P = 0.01) better control by the furrow treatments. No phytotoxicity was found with any of the compounds tested.**

**FIELD CORN, WIREWORM LARVAE CONTROL, 1980:** The experimental design for these tests was a randomized complete block with 4 replications with single-row treatments, 100-ft long. Plots were planted at Corydon, IA (May 22, 38-in row spacing) and at Delmar, IA (May 23, 38-in row spacing) in fields where damage had been severe enough to require replanting. Granular soil insecticides were applied in the furrow or as a 7-in band with laboratory-calibrated Noble metering units mounted on the planter. These materials were applied in front of the press wheel and incorporated using drag chains. Treatments were evaluated approximately 3 wk after planting by digging 2 l-m trenches 10 cm deep in each treatment row and examining the seeds or seedlings for wireworm damage. Percent damaged seeds and/or seedlings were used to compare treatments.

<table>
<thead>
<tr>
<th>Treatment and lb ai/acre</th>
<th>Placement</th>
<th>Corydon</th>
<th>Delmar</th>
<th>Combined</th>
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*Treatments sharing a common letter do not differ significantly at the 5% level (DMRT).*