CORN TRIAL WITH THE ADDITION OF NITROGEN AND HUMIC

RESEARCH COOPERATOR
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TRIAL OBJECTIVE
To determine the effect of UAN (28-0-0) and Black Earth Liquid 6% on the yield of corn.

EXPERIMENTAL – TRIAL SETUP
Corn: Dekalb 477
Location: Brachton, Ontario
Date: June 13, 2001
Method: UAN and Black Earth Liquid 6% directly injected to soil

PARAMETER SOIL 1 SOIL 2
Sand: 44% 80%
Silt: 45% 14%
Clay: 11% 6%
Organic Matter: 2.0% 0.3%

EXPERIMENTAL – DESIGN

<table>
<thead>
<tr>
<th>NO.</th>
<th>UAN (LBS. N/ACRE)</th>
<th>Black Earth (L/ACRE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>45</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>90</td>
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<td>4</td>
<td>180</td>
<td>0</td>
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</tr>
<tr>
<td>6</td>
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<tr>
<td>7</td>
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<td>4</td>
</tr>
<tr>
<td>8</td>
<td>180</td>
<td>4</td>
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</tbody>
</table>

CERTIFICATIONS
Black Earth Humic products are:
» Listed by OMRI
» Registered with CFIA
» Certified for use for NOP
» Certified by the CDFA

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RESULTS

Corn yields were higher at site one (1), most likely due to a higher organic matter content. All yields were higher with the application of UAN, and furtherly increased with the addition of Black Earth.

Site One (1) – Corn Yields

Site Two (2) – Corn Yields