RESEARCH COOPERATOR
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Agronomist, Idaho.

TRIAL PROTOCOL
To determine the effect of Black Earth on dry bean yield and quality.

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

EXPERIMENT – DRY BEAN
Crop: Dry bean
Variety: Pintos
Location: Kimberly, Idaho
Planting Date: May 30, 2001
Application Date: May 11, 2001
Harvest Date: September 7, 2001
Application Method: Broadcast sprayer

EXPERIMENT – TREATMENTS
Black Earth Liquid 6% was applied at one (1) gallon per acre on the soil surface and compared to an untreated check all other parameters being equal.

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Site</th>
<th>Yield</th>
<th>Net (cwt ac)</th>
<th>Treatment value/ac</th>
<th>Difference/ac. cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Earth</td>
<td>1</td>
<td>34.11</td>
<td>$673.21</td>
<td>$9.00</td>
<td>$54.61</td>
</tr>
<tr>
<td>Check</td>
<td>1</td>
<td>30.48</td>
<td>$609.69</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Black Earth</td>
<td>2</td>
<td>31.2</td>
<td>$615.00</td>
<td>$9.00</td>
<td>$26.00</td>
</tr>
<tr>
<td>Check</td>
<td>2</td>
<td>29.00</td>
<td>$580.00</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>
RESULTS

Black Earth provided an economic yield response.

<table>
<thead>
<tr>
<th>Yield (ton/acre)</th>
<th>Black Earth #1</th>
<th>Check #1</th>
<th>Black Earth #2</th>
<th>Check #2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>34.1</td>
<td>30.5</td>
<td>31.2</td>
<td>29.0</td>
</tr>
</tbody>
</table>