For soilborne/seedling disease control and plant health using in-furrow applications to soybean

This supplemental label expires July 31, 2019, and must not be used or distributed after this date.

**Active Ingredient:** (Component A)
Bacillus amyloliquefaciens, strain MBI 600* .......................................................................................................  6.12%

**Other Ingredients:** .............................................................................................................................................     93.88%

**Total:** ..................................................................................................................................................................  100.00%

* Contains not less than 2.2 x 10¹⁰ viable spores per mL

**Active Ingredient***: (Component B)
pyraclostrobin: (carbamic acid, [2-[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy[methyl]]phenyl]methoxy-, methyl ester) ...............................................................................  23.60%

**Other Ingredients****: ..........................................................................................................................................    76.40%

**Total:** ..................................................................................................................................................................  100.00%

* Equivalent to 2.09 pounds of pyraclostrobin per gallon
** Contains petroleum distillates

EPA Reg. No. 7969-368

**WARNING/AVISO**

**Directions For Use**

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire Xanthion® In-furrow fungicide (also referred to as Xanthion on this label) container label, EPA Reg. No. 7969-368, must be in possession of the user at the time of application.
- Read the label affixed to the container for Xanthion before applying.
- Use of Xanthion according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for Xanthion.

**Application Instructions**

Apply Xanthion according to the Crop-specific Use Directions in this label. Observe any additional instructions and/or restrictions on the Xanthion container label.
### Table 1. Rates and Diseases Controlled

<table>
<thead>
<tr>
<th>Crop</th>
<th>Soilborne/Seedling Diseases</th>
<th>Product Use Rate per Application (fl ozs product per Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean</td>
<td>Fusarium seed rot, seedling blight (<em>Fusarium</em> spp.)</td>
<td>0.6 to 2.4</td>
</tr>
<tr>
<td></td>
<td>Rhizoctonia seed and seedling rot (<em>Rhizoctonia solani</em>)</td>
<td>Component A</td>
</tr>
<tr>
<td></td>
<td><strong>Suppression Only</strong></td>
<td>3.0 to 12.0</td>
</tr>
<tr>
<td></td>
<td>Pythium damping off (<em>Pythium</em> spp.)</td>
<td>Component B</td>
</tr>
</tbody>
</table>

At maximum rate, the entire case of Xanthion® In-furrow fungicide will treat 53 acres. If treating less than 53 acres, refer to Table 2. In-furrow Rate Calculation Table for guidance in determining the proper application rate.
Table 2. In-furrow Rate Calculation Table

<table>
<thead>
<tr>
<th>Component</th>
<th>Rate per Acre* (fl ozs)</th>
<th>Rate per 1000 row feet (fl ozs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7-inch rows</td>
<td>15-inch rows</td>
</tr>
<tr>
<td>A</td>
<td>0.6</td>
<td>0.008</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>0.040</td>
</tr>
<tr>
<td>A</td>
<td>1.2</td>
<td>0.016</td>
</tr>
<tr>
<td>B</td>
<td>6.0</td>
<td>0.080</td>
</tr>
<tr>
<td>A</td>
<td>1.8</td>
<td>0.024</td>
</tr>
<tr>
<td>B</td>
<td>9.0</td>
<td>0.121</td>
</tr>
<tr>
<td>A</td>
<td>2.4</td>
<td>0.032</td>
</tr>
<tr>
<td>B</td>
<td>12.0</td>
<td>0.161</td>
</tr>
</tbody>
</table>

If other row spacing is used, maintain the rates of Component A (0.6 to 2.4 fl ozs/A) and Component B (3.0 to 12.0 fl ozs/A) at a 1:5 ratio (A:B).

*In-furrow rate calculation and row spacing conversion for Xanthion® In-furrow fungicide.
To determine fl ozs/1000 row feet:

\[
\text{fl ozs of product} = \frac{\text{total fl ozs of product/A}}{\text{row feet per acre based on row spacing}} \times 1000 \text{ row ft}
\]

Row spacing conversion:
- 7 inches = 74,682 row ft; 15 inches = 34,848 row ft;
- 20 inches = 26,136 row ft; 22 inches = 23,760 row ft;
- 30 inches = 17,424 row ft; 32 inches = 16,315 row ft;
- 34 inches = 15,374 row ft; 36 inches = 14,520 row ft;
- 38 inches = 13,754 row ft; 40 inches = 13,068 row ft.
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The Directions For Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

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