Bio Friendly 1

Recommended Uses
A specialized polymer designed to give greater protection when applied with rhizobia, both in a peat or liquid form.
Can be used for filmcoating, encrustment and pelleting. Suitable for both small and large seed legumes.

Features & Benefits
Bio Friendly 1 not only has great binding properties, but has superior attributes when it comes to extending the longevity of rhizobia on treated seed.

<table>
<thead>
<tr>
<th>Coating Type</th>
<th>Properties</th>
<th>Use</th>
<th>Film</th>
<th>Encrust</th>
<th>Pellet</th>
<th>Binding Capacity</th>
<th>Opacity</th>
<th>Finish</th>
<th>Flow Rating</th>
<th>Dust Control</th>
<th>Colour(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhizobia Binder</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Medium - High</td>
<td>Low</td>
<td>None</td>
<td>--</td>
<td>Medium</td>
<td>Neutral</td>
</tr>
</tbody>
</table>

Guideline usage rates
2g > 4g per kilo of seed

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Bio Friendly 1

Physical Properties

- **pH range**: 4.5 – 7
- **Viscosity**: 200 - 500 @ 120 RPM, RV02
- **Density**: 1.1 – 1.2
- **Appearance**: White Liquid
  - **Gloss**: High – Medium
  - **Pearl/Metallic**: No
  - **Opacity**: Low

Characteristics

- **EPA40OCFR180 compliant**: Yes
- **Storage Temperature**: 5 – 35°C
- **Storage Instructions**: Closed container, out of direct sunlight, protect from freezing
- **Shelf Life (biocide)**: 12 months

Application Guide

- **Peat Inoculants**: Apply neat or up to 1:1 dilution
- **Liquid Inoculants**: Apply neat and match the same quantity of liquid inoculant
- **Pelleting**: Dilute Bio Friendly 1 with water 1:2

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![Graph](image)

**PULSE CROP INOCULANT SURVIVAL**

- Raw seed, seed treatment, inoculant and Seedworx BioFriendly 1 polymer
- Raw seed, inoculant & Seedworx Bio Friendly 1 polymer
- Raw seed, seed treatment & inoculant
- Raw seed & inoculant

**CFU's still above minimum recommended level after 32 days.**

**Minimum Inoculant Level Recommended**

**DISCLAIMER**: Not suitable for sub-clover. Not to be mixed with colourants

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