MycoApply® EndoMaxx for Organic Corn Production

MycoApply® EndoMaxx contains four species of mycorrhizal fungi that colonize a plant’s root system to expand root absorption, improve drought tolerance, improve nutrient access uptake and protect yield in organic field corn.

- **Expands root absorption**—Extends the root’s absorptive area and stores excess nutrients and water, making them available to the plant during times of rapid growth or drought stress.
- **Improves drought tolerance**—Vesicles are created, storing resources until needed by the plant.
- **Improves nutrient access and uptake**—Hyphae can access small soil spaces that root hairs can’t. They also produce enzymes to release nutrients that are bound to the soil.
- **Maximizes yield**—Allows growers to maximize plant health and overall productivity to optimize yield in organically grown corn.
- **Soil health**—Improves soil structure: hyphae produce glomalin which creates stable soil aggregates for better soil structure.
- **OMRI listed and NOP compliant to fit both organic and sustainable production**

MycoApply EndoMaxx Reduces Late-Season Stress Caused by Drought and Nutrient Deficiency

MycoApply EndoMaxx extends the root’s absorptive area and stores excess nutrients and water, making them available to the plant during times of rapid growth or drought stress.

Source: Valent
**MycoApply EndoMaxx Protects Yield Potential**

![Graph showing yield comparison between untreated and MycoApply EndoMaxx treated fields](image)

Under low Phosphorous conditions, **MycoApply EndoMaxx** increased yields by an average of 7 bu/A, compared to corn that was not treated.

Source: Valent

Average +4.7 bu/A across 24 trial sites.

Source: Valent

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**How To Use**

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<th>Pack Size</th>
<th>10 x 160-gram pouches per case, with measuring scoops</th>
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<tr>
<td>Use Rate</td>
<td>4–6 grams/A (each 160-gram pouch treats 40 acres)</td>
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<tr>
<td>In-Furrow or T-Band Applications</td>
<td><strong>In-Furrow Application Preparation:</strong> <strong>MycoApply EndoMaxx</strong> must be mixed with water (slurry) prior to adding to carrier in application tank. Prepare slurry by mixing <strong>MycoApply EndoMaxx</strong> to water at a ratio not to exceed 160 grams in 4 gallons of water, make only enough slurry to treat one load. <strong>To Prepare Slurry:</strong> Add half the water to the slurry container, add <strong>MycoApply EndoMaxx</strong>, followed by the remaining water volume. Vigorously agitate by paddle stirring or shaking in a jug for at least 3 minutes or until fully dispersed in slurry solution. Ensure that all material is fully dispersed in the slurry prior to adding to the application tank. <strong>T-Band:</strong> 5- to 7-inch T-band over open furrow or apply in-furrow with seed. The goal is for the solution to come in contact with the seed.</td>
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<td>Tank Mixes</td>
<td>Compatibility and performance data for <strong>MycoApply EndoMaxx</strong> with other agricultural products are limited. Do not tank-mix <strong>MycoApply EndoMaxx</strong> with other products unless compatibility has been verified.</td>
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