

TECH SHEET

Rhizolizer[®] Prime Inoculant System



Rhizolizer[®] Prime Inoculant System for Soybeans features all-liquid products designed to get the most out of commercial seed treatments.

System Size: 1x400

System treats 400x 140k units of seed (56M)

Liquid <i>Bradyrhizobia japonicum</i>	One bladder contains 220 fl. oz. (by volume)
Liquid Extender	Two bottles contain 25 fl. oz each (by volume)
Liquid <i>Trichoderma virens, Bacillus amyloliquefaciens</i>	Two bottles contain 20 fl. oz each (by volume)

System Size: 4x100

Contains 4 individual inoculant systems. Each system treats 100x 140k units of seed (14M). Total package treats 400x 140k units of seed (56M).

Liquid <i>Bradyrhizobia japonicum</i>	One bladder contains 55 fl. oz. (by volume)
Liquid Extender	One bottle contains 12.5 fl. oz. (by volume)
Liquid <i>Trichoderma virens, Bacillus amyloliquefaciens</i>	One bottle contains 10 fl. oz. (by volume)

System Size: 4x40

Contains 4 individual inoculant systems. Each system treats 40x 140k units of seed (5.6M). Total package treats 160x 140k units of seed (22.4M).

Liquid <i>Bradyrhizobia japonicum</i>	One bladder contains 22 fl. oz. (by volume)
Liquid Extender	One bottle contains 5 fl. oz. (by volume)
Liquid <i>Trichoderma virens, Bacillus amyloliquefaciens</i>	One bottle contains 4 fl. oz. (by volume)

Tank Mix Restrictions: To maintain the inoculant's viability, Rhizolizer Prime Inoculant System for Soybeans should be applied to the seed within 4 hours of being added to the mix tank. Only use non-chlorinated water.

Application Directions:

Rhizolizer Prime Inoculant System for Soybeans is an all-liquid system designed for use in commercial seed treatment systems.

1. Prior to adding any of the contents to a mix tank, shake all individual components well (Liquid *Bradyrhizobia*, Liquid Extender, and Liquid *Trichoderma* + *Bacillus*).
2. All three product components are to be used together.
3. Gradually pour Rhizolizer Prime Inoculant System for Soybeans components into tank.
4. Ensure all components are well mixed and uniform.
5. Once all components are combined, the mixture is ready to apply.
6. The application rate of the complete mixture is 0.775 fl. oz. per unit (140k) of seed. (0.55 fl. oz Liquid *Bradyrhizobia japonicum* + 0.125 fl. oz. Extender + 0.10 fl. oz. *Trichoderma* + *Bacillus*)
7. Avoid putting the product through an atomizer.

Storage & Handling

Storage: Keep in a cool, dry place. Do not exceed storage in 77°F and above for an extended period of time. Do not freeze product. Keep out of direct sunlight. Keep out of reach of children.

Store in original container. Use entire contents after opening container.

Disposal: Dispose of all waste in accordance with local, state, and federal regulations.

Handling: Wear proper PPE when handling Locus AG products.

Adverse Conditions or New "Virgin" Soybean Ground:

Soil pH is less than 6.0 or more than 8.5

Soil has not grown soybeans for more than three (3) years

Drought or flooding has occurred

Topsoil exceeds 80°F

Soil organic matter is below 1.5%

Use of soil chemicals that are harmful to soil bacteria and inoculants.

To maximize yield potential when any of these conditions apply, Locus AG highly recommends at least a double (2x) application rate of the *Bradyrhizobia japonicum* inoculant.

Please contact your Locus AG representative for a specific recommendation.

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For all technical & product inquiries

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