Cell-Tech® XC Liquid

soybean

CONTAINS NONPLANT FOOD INGREDIENT(S)
Active: 10 billion (1 x 10^{10}) viable cfu/ml *Bradyrhizobium japonicum*
Inert: Aqueous carrier > 99%

Carton Treats:
400 units (Based on 140,000 seeds per unit)

Net Contents:
232 fl oz (6.87 L)

Net Weight:
15.4 lbs (7.0 kg)

Density (approx.):
8.345 lb/gal (1.0 g/ml)

novozymes®

Novozymes BioAg Limited
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Product of USA

SHAKE WELL BEFORE USING.

Read the entire label before using this product. Use only according to label directions. Open package only when ready to use. Use before expiration date.

How it Works

Cell-Tech® XC Liquid for Soybean contains 2 high performing complementary strains of *Bradyrhizobium japonicum. Bradyrhizobium japonicum* forms root nodules which convert, or fix, nitrogen in the air into forms the plant can use.

Directions for On-Seed Use

Application Rate

- Apply at a rate of 1.16 fl oz/100 lbs seed or 0.58 fl oz/unit of seed. Based on 140,000 seeds per unit.

Approximate density 8.345 lb/gal (1.0 g/ml).

For Best Results

- Open package only when ready to use.
- Plant within 30 days of treating bare soybean seed.
- Extending the on-seed life and or improving on-seed chemical compatibility is a viable option when using Cell-Tech® XC Liquid for Soybean with approved products (consult your Novozymes representative or customer service for more information).

Additional practices may be recommended for certain situations, see 'Seed Treatment Recommendations' section.

Directions for Use for Continuous Application

- Start preparation of the Cell-Tech® XC Liquid for Soybean only when you are ready to apply to seed.
- To ensure an even suspension shake the liquid bladder well. Settling of bacteria during storage is normal.
- Pour the contents of the liquid bladder into the treater tank.
- Apply to seed within 24 hours of opening bladder.

Seed Treatment Recommendations

- If Cell-Tech® XC Liquid for Soybean is being applied without any other liquid seed treatments, additional water must be used to bring the application volume to a minimum of 3 fl oz/cwt to ensure even coverage.
- Common soybean fungicide/insecticide/nematicide products are typically applied at high enough rates to satisfy the 3 fl oz/cwt total liquid minimum application volume, however tank mixing Cell-Tech® XC Liquid for Soybean with those products may not be recommended. Please consult with Novozymes at 1-888-744-5662 for up-to-date compatibility information..

Double inoculation, the act of using a double application of a rhizobial inoculant, is recommended in certain soil conditions (such as when planting on land previously used for pasture or planting soybean for the first time). Double inoculation can be achieved by application of any combination of liquids, peat powders, or furrow-applied liquid or granule rhizobial inoculants that are labeled for the target crop.

Applicators and Other Handlers

The active ingredient in Cell-Tech® XC Liquid for Soybean is *Bradyrhizobium japonicum* viable cells. Eye or skin contact, inhalation, or ingestion should be avoided. Wear standard protective clothing and equipment including gloves, safety glasses. Ensure adequate ventilation. Where exposure through inhalation may occur, use respiratory protective equipment. This product contains microorganisms that may have the potential to provoke sensitizing reactions; use appropriate personal protective equipment (PPE) to reduce exposure. Sensitized individuals should wear an NIOSH-approved respirator. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

SOYBEAN

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