

# Cell-Tech<sup>®</sup> liquid

## nitrogen-fixing inoculant for

soybean

### Extended label

#### Cell-Tech Single-Action Legume Fertility

#### Available in two sizes:

<b>Net weight</b> 422.3 fl oz (12.5 litres)	<b>Net weight</b> 104.7 fl oz (3.1 L)
<b>This bag treats:</b> 4,540 kg (167 bu, 200 units)	<b>This bag treats:</b> 1,135 kg (2,502 lb, 41.7 bu, 50 units)

#### Directions for use

- Shake well before using to ensure an even suspension. Settling of bacteria is normal during storage
- Protect inoculated seed from sunlight and drying winds
- Plant inoculated seed within four days
- Store in a cool place
- Use before the expiration date
- Open package only when ready to use

#### On-seed application

1. Measure the appropriate rate for the quantity of seed being inoculated.

Rate: 75 ml/27 kg (2.5 oz/bu [60 lb]) or 63 ml/23 kg (2.1 oz per unit [50 lb])

2. Pour over the seed and stir well until all seeds glisten.

#### Continuous application

Remove bag, attach applicator cap and tubing, then hang in enclosed mesh bag. See Cell-Tech application kit (purchased separately) for further instructions to dispense in a continuous auger inoculating system.

#### MINIMUM GUARANTEE

ACTIVE:  $2.0 \times 10^9$  *Bradyrhizobium japonicum* viable cells per gram

#### Cautionary statements

Over-application may initially cause sticky seed. Once seed dries, they should no longer sticky, but seeds may be clumped or bridged. Break seed clumps apart before planting.

Some seed-applied chemicals, including fungicides, may be harmful to the inoculant. For more information, contact Novozymes BioAg at 1-888-744-5662.

#### In-furrow application

Cell-Tech is a biological product which may be sensitive to chemical residues. Use a clean liquid delivery system to apply the diluted inoculant in the furrow directly on the seed. Remove spray tips and replace with appropriate flow regulator orifice discs and direct the solid stream behind the seed planting assembly in the furrow. Do not apply banded to the side, below, or above the seed. In hot/dry soil conditions, minimize the harmful effects on the inoculant by applying water as soon as possible (irrigated land). Begin irrigation on the soybeans that were planted first.

#### Application procedures

Cell-Tech is to be applied in-furrow at a rate of 15 to 30 milliliters of concentrate per 304 meters of row (0.5 to 1 fluid ounce per 1,000 feet of row). The application of the diluted product may be applied at 28 to 190 liters per hectare (3 to 20 gallons per acre). Calibrate sprayer to deliver correct amount. The quantity of product delivered per hectare (acre) will vary depending upon row width.

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## Mixing procedures for in-furrow application

1. Shake well and empty into the cleaned spray tank.
2. Fill the spray tank with clean, non-chlorinated water to the appropriate level. Product will be mixed with this procedure and does not require agitation to remain in suspension.

Use the diluted product within 24 hours. Do not allow tank mix to exceed 37.7 °C (100 °F).

## Limited warranty

The seller warrants that this product contains a minimum number of *Bradyrhizobium japonicum* viable cells as specified on the label. The seller makes no other warranty expressed or implied as to product viability or performance since storage, use, and growing conditions are beyond the seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

  
novozymes<sup>®</sup>

Rethink Tomorrow

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\*Available 24 hours a day/  
7 days a week, April – June 15,  
otherwise business hours.