



# Cell-Tech® NS pea nitrogen-fixing inoculant for

## pea and lentil

PROD. # 8001-729

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

#### MINIMUM GUARANTEE

ACTIVE: 5.0 x 10<sup>8</sup> *Rhizobium leguminosarum* bv *viceae*  
viable cells per gram

#### How it works

The active ingredient in Cell-Tech NS, the naturally occurring bacterium *Rhizobium leguminosarum* bv *viceae*, grows on plant roots and forms root nodules which convert or fix nitrogen from the air into forms the plants can use.

#### How to apply

Cell-Tech NS has its own sticker in the formulation. A separate sticker is not needed. Pour Cell-Tech NS on to seed in the drill box and mix thoroughly until uniformly coated. Layering seed and inoculant while mixing will provide thorough coating of all seeds.

Where phosphate availability is limiting plant growth, Cell-Tech NS may be co-inoculated with JumpStart®.

**Table 1. Application rates and bare seed planting windows**

Crop	Seed inoculated by one bag	Planting window (bare seed)
Pea	700 kg (1,500 lb, 25 bu)	24 hours
Lentil	700 kg (1,500 lb, 25 bu)	24 hours

- The planting window is the maximum time allowed between application and seeding
- Application with other seed treatments is possible but may reduce the planting window. For up-to-date pesticide compatibility information and bare seed planting windows, please contact Novozymes BioAg at 1-888-744-5662

## novozymes®

Rethink Tomorrow

Novozymes BioAg  
3935 Thatcher Avenue  
Saskatoon, SK Canada S7R 1A3  
1-888-744-5662\*

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

**Net contents**  
2.83 kg (6.2 lb)

#### Where to use for maximum benefit

Higher nitrogen fixation from Cell-Tech NS occurs in soils that are low in available forms of nitrogen and populations of *Rhizobium leguminosarum* bv *viceae*.

#### Limitations

Do not use Cell-Tech NS on soils with high nitrogen levels or with high application rates of nitrogen fertilizer.

#### Storage and handling

Cell-Tech NS requires specific storage conditions to ensure viability and product performance:

- Store Cell-Tech NS bags and Cell-Tech NS inoculated seed under cool conditions < 20°C (68°F) away from sunlight and direct heat sources
- Minimize temperature fluctuations
- Avoid freeze/thaw cycles
- Use entire contents of bag after opening
- Use before the expiry date. The expiry date is valid only for unopened bags stored under the previously noted conditions
- Avoid contact with strong fertilizers
- Use this product only in well-ventilated areas

Cell-Tech NS contains viable bacterial cells and may contain other microorganisms or fungal spores that may cause adverse effects to individuals allergic to molds and/or fungi. This product should not be used by immunocompromised and/or immunosuppressed individuals. Absorption by eye or skin contact, inhalation, and ingestion must be prevented at all times when handling this product. Users MUST wear standard protective clothing and equipment including gloves, safety glasses and a NIOSH-approved respirator during product use and storage as well as during equipment maintenance and clean-up. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

Unused Cell-Tech NS and unplanted Cell-Tech NS inoculated seed should be disposed of in accordance with applicable civil statutes and guidelines.

#### Limited warranty

The seller warrants that this product contains a minimum number of *Rhizobium leguminosarum* bv *viceae* viable cells as specified on this label. The seller makes no other warranty expressed or implied as to product viability since product 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.