

# Cell-Tech<sup>®</sup> granular

## nitrogen-fixing inoculant for

pea and  
lentil

### Extended label

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

#### Available in two sizes:

<b>Net weight</b> 18 kg (40 lb)	<b>Net weight</b> 454 kg (1,000 lb)
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#### How to apply

Cell-Tech granular inoculant is different from granular pesticides in that it has a high moisture content. This is essential for bacteria survival. For best performance read and follow these directions for use:

**1. Application equipment:** Cell-Tech granular is best applied with the following granular application equipment: a) dedicated air seeder tank; b) bulk granular applicators (Beline, Valmar, etc.); c) hoe-drill or press drill units (adjust short flexible tubing from hopper to planter unit so that it is as straight and vertical as possible). Cell-Tech granular may also be applied through granular insecticide boxes or standard grain drills. Clean tank/hopper, rotor, and calibration mechanism thoroughly before filling.

**2. Determine application rate:** Cell-Tech granular should be applied in-furrow at the rate of 40 grams up to 170 grams per 300 meters of row (1.4 ounces up to 6 ounces per 1,000 feet of row).

**Table 1. Application rates for Cell-Tech granular (metric)**

Row width (centimeters)	76.0	55.9	38.0	30.0	23.0	17.8
Kilograms/hectare	1.8	2.4	3.5	4.4	5.8	7.5

**Table 2. Application rates for Cell-Tech granular (U.S. customary system)**

Row width (inches)	30	22	15	12	9	7
Pounds/acre	1.5	2.1	3.0	3.8	5.1	6.5

Note: The bulk density for Cell-Tech granular averages 38 lb/ft<sup>3</sup> (0.6 g/cm<sup>3</sup>).

#### MINIMUM GUARANTEE

ACTIVE:  $1.0 \times 10^8$  *Rhizobium leguminosarum* viable cells per gram

INERT: Peat granules and water

**3. Calibrate equipment before each use:** Follow calibration instructions supplied by the equipment manufacturer. Set controls at a larger opening and adjust down to give the desired application rate of 40 grams per 300 meters of row.

**Metric system:** To apply at the rate of 40 grams per 300 meters of row, calibrate equipment to place 5.6 kilograms per hectare for 23 centimeter rows. Adjust equipment down, only a small amount at one time, then try. (Note: 70 milliliters of Cell-Tech granular inoculant weighs approximately 40 grams.) If planting in other than 23 centimeter rows, see Table 1 to determine the amount of Cell-Tech granular required per hectare.

**U.S. customary system:** To apply at the rate of 1.4 ounces per 1,000 feet of row, calibrate equipment to place 5 pounds per acre for 9 inch rows. Adjust equipment down, only a small amount at one time, then try. (Note: one-quarter cupful of Cell-Tech granular inoculant weighs approximately 1.4 ounces.) If planting in other than 9 inch rows, use Table 2 to determine the amount of Cell-Tech granular required per acre.

**4. Do not fill tank/hopper until you get to the field.** Remove all unused Cell-Tech granular inoculant at completion of day's work. Do not allow to remain in tank/hopper overnight.

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## Precautions

- Store in cool, dry place and keep bag tightly closed. Store flat
- Use before expiration date
- Do not band this material. It must be applied in the furrow

## Flowability

1. Cell-Tech granular flow may be affected by humid conditions. Clean rotor and adjustable opening often to ensure good flow. See limited warranty below.

2. Do not use Chemical-Saver meter roller on John Deere MaxEmerge® Plus planters. Remove system while Cell-Tech granular is being used.

## Caution

- Avoid prolonged or repeated skin contact or inhalation of dust
- Recommend wearing of dust mask, safety glasses, and protective gloves.

## Limited warranty

The seller warrants that this product contains a minimum number of *Rhizobium leguminosarum* biovar *viceae* viable cells as specified on this 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.

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