

# Cell-Tech<sup>®</sup>

## SOYBEAN

SPECIMEN LABEL

NOT A PLANT FOOD PRODUCT

PRODUCT NUMBER: 1710  
NET WEIGHT: 3.1 kg (109.2 US oz)  
NET CONTENTS: 3.1 Liters (104.7 US fl oz)  
REGISTRATION NUMBER: 2002038A Fertilizers Act

- USE BEFORE EXPIRATION DATE
- STORE IN A COOL PLACE
- SHAKE WELL BEFORE USE
- OPEN PACKAGE ONLY WHEN READY TO USE
- CONTAMINANT FREE

### APPLICATION RATE

#### • ON SEED

- ◆ 75 ml/27 kg [2.1 fl oz/bu (50 lb)]

#### • IN FURROW

- ◆ 15-30 ml/304 m of row
- ◆ [0.5 – 1 fl oz/1000 ft of row]

### UNIT TREATS

#### • ON SEED

- ◆ 1135 kg (2502 lbs)
- ◆ (41.7 bu)
- ◆ (50 Units)

#### • IN FURROW

- ◆ 2.5 hectares at 76 cm row width
- ◆ (6.5 acres at 30 inch row width)

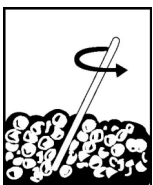
### BATCH APPLICATION



1. Use side handle and pour desired quantity in measuring cup.



2. Pour around top of seed.



3. Stir well to coat all seed.

### GUARANTEED MINIMUM ANALYSIS

2 Billion (2 X 10<sup>9</sup>) viable *Bradyrhizobium japonicum* per gram

### ON-SEED DIRECTIONS FOR USE

#### SHAKE WELL BEFORE USE

Settling of bacteria is normal. Shake product to achieve a uniform suspension.

Protect inoculated seed from sunlight and drying winds. Plant inoculated seed within 4 days.

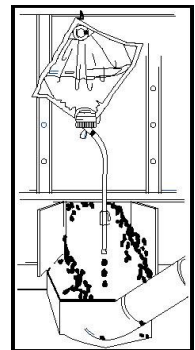
#### CAUTIONS:

Over-application may initially cause sticky seed. Dried seeds are no longer sticky, but seeds may be clumped or bridged. Break seed clumps apart before planting. Decrease Cell - Tech Soybean rate to eliminate the problem.

Some seed-applied chemicals, including fungicides, may be harmful to the inoculant. Contact Nitragin, Inc. (800-558-1003) or visit our website ([www.nitragin.com](http://www.nitragin.com)) for information.

Remove measuring cup and cardboard insert. Pull bag cap through the circular opening and close lid. Measure the appropriate rate for the quantity of seed being inoculated, pour over the seed and stir well until all seeds glisten:  
75 ml/27 kg [2.5 fl oz /bu (60 lb)]  
or 63 ml/23 kg [2.1 fl oz per unit (50 lb)]

### CONTINUOUS APPLICATION



Remove bag from box. Attach applicator cap and tubing (application kit sold separately). Hang bag and calibrate.

Proper rate of Cell-Tech Soybean is when seed first become uniformly coated and glistens.

Initially calibrate Cell-Tech Soybean flow below the recommended rate, and then increase to proper rate.

Operate the auger at 1/2 capacity for best mixing.

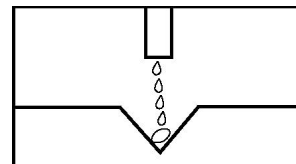
See Cell-Tech Soybean application kit (purchased separately) for further instructions to dispense in a continuous auger inoculating system.

## **IN-FURROW DIRECTIONS FOR USE**

### **SHAKE WELL BEFORE USE**

Settling of bacteria is normal. Product should be shaken to achieve a uniform suspension.

Cell-Tech Soybean 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 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). Pivot irrigation – begin the irrigation on the soybeans that were planted first.



**MIXING PROCEDURES:** Shake well and empty into the cleaned spray tank. 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 2 hours. Do not allow tank mix to exceed 100° F.

**APPLICATION PROCEDURES:** Cell-Tech Soybean is to be applied in-furrow at a rate of 15-30 ml on concentrate per 304 meters of row (0.5-1 fluid ounce per 1000 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.

<b>U.S. CUSTOMARY MEASUREMENTS</b>		
<b>Row Width (inches)</b>	<b>Recommended Product Rate * (ounces/acre)</b>	<b>Unit Treats (acres)</b>
<b>15</b>	<b>17.5 - 35</b>	<b>3.2 - 6.3</b>
<b>20</b>	<b>13 - 26</b>	<b>4.3 - 8.5</b>
<b>30</b>	<b>8.5 - 17</b>	<b>6.5 - 13.0</b>
<b>36</b>	<b>7.5 - 15</b>	<b>7.4 - 14.8</b>

<b>Metric Measurements</b>		
<b>Row Width (cm)</b>	<b>Recommended Product Rate * (ml/ha)</b>	<b>Unit Treats (ha)</b>
<b>38</b>	<b>1280 - 2560</b>	<b>1.2 - 2.4</b>
<b>51</b>	<b>950 - 1900</b>	<b>1.6 - 3.2</b>
<b>76</b>	<b>620 - 1240</b>	<b>2.5 - 5.0</b>
<b>91</b>	<b>550 - 1100</b>	<b>2.8 - 5.6</b>

\*Under adverse conditions or on first year land, use full rate of Cell-Tech Soybean (30 ml per 304 meters of row or 1 fluid ounce per 1000 feet of row).

### **LIMITED WARRANTY**

Nitragin, Inc. guarantees that Cell-Tech Soybean inoculant will produce satisfactory nodule formation and nitrogen fixation when used under favorable conditions of soil and climate, according to directions, with the leguminous plant specified, and before expiration date. Hot and/or dry soils, low pH, high soil nitrogen, or poor plant growth are factors that may restrict nodulation and/or nitrogen fixation. Nitragin, through its distributors, must be notified of any field performance complaint within seventy (70) days after planting. Nitragin's sole obligation under this warranty shall be to refund the purchase price. Many factors other than inoculation affect crop production. NITRAGIN SHALL NOT BE LIABLE FOR AND DISCLAIMS ALL CONSEQUENTIAL, INCIDENTAL AND CONTINGENT DAMAGES WHATSOEVER. Without limiting the foregoing, Nitragin shall not be responsible for loss or partial loss of crop from any cause whatsoever. NITRAGIN SHALL NOT BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, AND SELLER EXPRESSLY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. THE ABOVE LIMITED WARRANTY IS VOID WHERE PROHIBITED BY LAW.

***Manufactured by:***

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