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SPECIMEN

# Nodulator<sup>®</sup> Inoculant

## Granular Legume Inoculant Specific for Chickpea

- Technologically advanced carrier
- Easy flow formulation
- Performance and convenience

### CONTAINS NONPLANT FOOD INGREDIENTS

Soil Amendment Guaranteed Analysis

**Active Ingredient:**

*Mesorhizobium cicer*..... 8.7x10<sup>7</sup> Colony Forming Units per Gram

### FOR PROFESSIONAL USE ONLY

**Keep Out of Reach of Children**

This product does not require a hazard warning in accordance with GHS criteria.

**Net Contents:**

BASF Corporation  
26 Davis Drive, Research Triangle Park, NC 27709

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## Product Information

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This granular inoculant contains living organisms and requires a relatively high moisture content compared to granular pesticides. To optimize flow (especially under humid conditions) it is suggested to only fill large compartments to no more than 50 percent capacity.

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## Directions For Use

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Use loading auger to fill tank and screens provided by equipment manufacturer.

### Precautions

- Use before expiration date.
- Apply granular directly into the furrow.
- DO NOT mix granular inoculant with granular pesticides or fertilizers during planting.
- Remove any unused granules from the hopper box at the end of each day's planting. DO NOT allow granules to sit in hopper overnight.

Row Spacing		Application Rate	
Centimeters	Inches	Grams per 100 m	Grams per 100 yards
18	7	9.9	9.0
20	8	11.2	10.2
23	9	12.9	11.8
25	10	14.0	12.8
28	11	15.6	14.3
30	12	16.8	15.4
36	14	20.1	18.4
41	16	22.9	20.9

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## Storage and Disposal

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**Storage:** Segregate from foods and animal feeds. Keep away from heat. Protect against moisture. Protect from direct sunlight. Store protected against freezing. Protect from temperatures below 5°C (41°F) and above 25°C (77°F). Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time. Store bags flat and off the floor and away from pesticides and bulk fertilizers.

**Waste Disposal of Substance:** Must be disposed of or incinerated in accordance with local regulations.

**Container Disposal:** Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

**Accidental Release Measures: DO NOT** discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. For small amounts: Contain with dust binding material and dispose of. For large amounts: Sweep/shovel up. Dispose of absorbed

- Environmental conditions may affect flowability of the product. Regularly check metering system to ensure proper flow.

**Application Rates:** Apply granules at a rate of 5.6 kg/ha (5.0 lbs/acre). For equipment calibration purposes refer to the following table indicating row spacing versus application rate.

### EQUIPMENT CALIBRATION

This hard-core granular inoculant is similar in particle size to some herbicide granules with a mean particle size distribution between 0.6 - 1.7 mm (92%) when submitted to standard Tyler Mesh particle size calibration and a bulk density of 0.90 grams per cubic centimeter (56 pounds per cubic foot).

This product is not recommended as a fertilizer substitute. Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>.

material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Avoid raising dust.

### State Right To Know Description and CAS # / TSRN

Magnesium Aluminum Silicate / 12174-11-7; Quartz (SiO<sub>2</sub>) / 14808-60-7; Calcium sulphate / 7778-18-9; Proprietary compound / TSRN 161090809-5100; Naturally occurring active ingredient / TSRN 161090809-5935

### EMERGENCY CONTACT:

**CHEMTREC 1-800-424-9300**

**BASF Corporation 1-800-832-HELP (4357)**

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

**Limitations of Use:** Any purchaser or user agrees to handle and/or use this product in strict conformity with all limitations of use, including the prohibition of analyzing for content, disassembling, extracting, purifying, or otherwise obtaining any material, for any use whatsoever, from the product in any form. This prohibition specifically includes the growing or culturing of any material for further use of such material (or any progeny thereof) for ANY use whatsoever. User agrees that this product will only be used as instructed on the product label and only for the crop and purpose stated therein.

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Research Triangle Park, NC 27709

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