

# Nodulator® Duo SCG

Biostacked® solid core granular pea and lentil Inoculant

Registration Number 2014057S Fertilizers Act

## Net contents:

364 kg (800 lbs)

- Technologically advanced carrier
- Easy flow formulation
- Low application rate
- Biostacked for increased yield performance



**GHS Signal  
Word:  
Warning**

**Hazard Statements:** Harmful if inhaled. May cause respiratory irritation.

**Precautionary Statements (Prevention):** Use only outdoors or in a well-ventilated area. Avoid breathing dust.

**Precautionary Statements (Response):** Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Precautionary Statements (Storage):** Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Precautionary Statements (Disposal):** Dispose of contents/container to hazardous or special waste collection point.

**This granular inoculant contains living organisms and requires a relatively high moisture content compared to granular pesticides.**

## DIRECTIONS FOR USE

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

- **To optimize flow (especially under humid conditions) it is suggested to only fill large compartments to no more than 50 percent capacity.**
- Use before expiration date.
- Do not allow product to get wet or dry out.
- Apply granular inoculant directly to the furrow. The product must not be applied at a depth that is less than the planting depth of the seed.
- Do not mix granular inoculant with granular pesticides or fertilizers during planting.
- Environmental conditions may affect flowability of the product. Feeding mechanism should be cleaned often to ensure good flow.
- Remove any unused granules from the hopper box at the end of each days planting. Do not allow granules to sit in hopper overnight.

**Application Rates:** For equipment calibration purposes refer to the following table indicating row spacing versus application rate.

Row Spacing		Application Rate		Area treated per bag	
cm	inches	kg/ha	lbs/ac	ha	ac
20.3	8	4.6	4.1	79	196
<b>25.4</b>	<b>10</b>	<b>3.7</b>	<b>3.3</b>	<b>98</b>	<b>245</b>
30.5	12	3.0	2.7	121	298

For additional row widths apply granules at a rate of 28.5 g/ 304 linear row meter or contact your BASF Representative.

## EQUIPMENT CALIBRATION

This solid 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).

## STORAGE

- Store granular inoculant in a cool 10-15°C (50-60°F) dry place and away from pesticides and bulk fertilizers.
- Store bags flat, keeping off of floor (i.e. pallet) to avoid direct contact with cold, damp surfaces.
- Do not stack product more than 2 pallets high.
- Do not allow product to get wet or exposed to extreme humidity.
- Store away from direct sunlight.

## CAUTION

This product contains the bacteria *Bacillus subtilis* and may cause adverse effects to individuals who are allergic to certain micro-organisms, and also to immune deficient individuals. Avoid exposure through inhalation, or to open wounds and eyes.

## PRECAUTIONS

This product may contain fungi and bacteria and may cause adverse effects to sensitive individuals. Wear respiratory protection, such as a respirator, if ventilation is inadequate or if dust generation is anticipated or seen. Wear chemical resistant gloves, safety glasses with side shields, and closed work clothing. Do not eat, drink or smoke while using. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse.

## FIRST-AID MEASURES

**If inhaled:** Remain calm, remove to fresh air.

**If on skin:** Wash thoroughly with soap and water.

**If in eyes:** Wash affected eyes for at least 15 minutes under running water with eyelids held open.

**If swallowed:** Rinse mouth and then drink plenty of water.

## GUARANTEE

This product contains a minimum of  $8 \times 10^7$  CFU/g *Rhizobium leguminosarum* biovar *viceae* STRAIN 1435 and  $2 \times 10^8$  CFU/g of *Bacillus subtilis* STRAIN BU1814.

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