

NODULATOR[®] DUO SCG

Biostacked[®] solid core granular pea and lentil inoculant

Rhizobium leguminosarum biovar *viceae*
Bacillus subtilis



Registration Number 2014057A Fertilizers Act

Net contents:

22.6 kg (50 lbs)

- Technologically advanced carrier
- Easy flow formulation
- Performance and convenience
- Biostacked for increased yield performance

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 followability 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

Apply granules at a rate of 28.5 g/304 linear row meter (5.3 kg/ha for 17.8 cm row width) (1 oz/1000 linear row feet or 4.7 lbs/acre for a 7 inch row width). 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
15.2	6	6.2	5.6	3.7	8.9
17.8	7	5.3	4.7	4.3	10.6
20.3	8	4.6	4.1	4.9	12.2
22.9	9	4.0	3.6	5.7	13.9
25.4	10	3.7	3.3	6.1	15.2
27.9	11	3.4	3.0	6.6	16.7
30.5	12	3.0	2.7	7.5	18.5

For row widths greater than 30.5 cm (12") use at least 3.0 kg/ha (2.7 lbs/ac).

EQUIPMENT CALIBRATION

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 g/cm³ (56 lb/ft³).

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 microorganisms, and also to immune deficient individuals. Avoid exposure through inhalation, or to open wounds and eyes. Wear standard protective clothing and equipment during product handling and storage. Use this product in well ventilated areas.

GHS: The product does not require a hazard warning label in accordance with GHS criteria.

GUARANTEE

This product contains a minimum of 8 x 10⁷ CFU/g of *Rhizobium leguminosarum* biovar *viceae* STRAIN 1435 and 2 x 10⁸ CFU/g of *Bacillus subtilis* STRAIN BU1814.

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