

# Nodulator® Duo SCG

Biostacked® solid core granular pea and lentil Inoculant

Solid core granular inoculant featuring root-strengthening biofilm to help maximize yield potential.

- Top-performing strain of rhizobium (strain 1435) specifically selected for peas and lentils
- Root-strengthening biofilm bacterium (strain BU1814) helps protect the roots from the stresses encountered in the soil to reserve more energy for growth
- Technologically advanced multi-layered granular carrier for rhizobia that prevents dust and, ultimately, rhizobia loss

## Bioactive ingredient

*Rhizobium leguminosarum*  
biovar *viciae* (strain 1435)  
*Bacillus subtilis* (strain BU1814)

## Formulation

Solid core clay granules

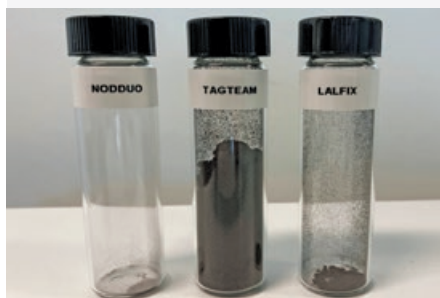
## One case contains

1 x 22.68 kg bag  
1 x 364 kg mini-bulk Q-Pak

## Storage

Store in a cool (10°C to 15°C), dry place, away from pesticides and bulk fertilizers.

Nodulator Duo SCG inoculant reduces rhizobia loss to dust



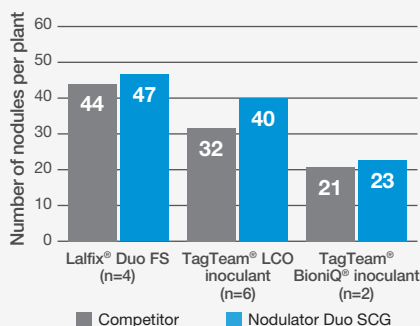
Nodulator Duo SCG

TagTeam® inoculant

Lalfix® Duo FS inoculant

Source: BASF Biological Inoculant Manufacturing Plant, Saskatoon, Saskatchewan

## Increased nodule production with Nodulator Duo SCG inoculant



Source: Grower Applied Strip Trials, 2021, 42-56 Days After Planting

## Crops

Peas or lentils

## Treatment

applied directly in furrow

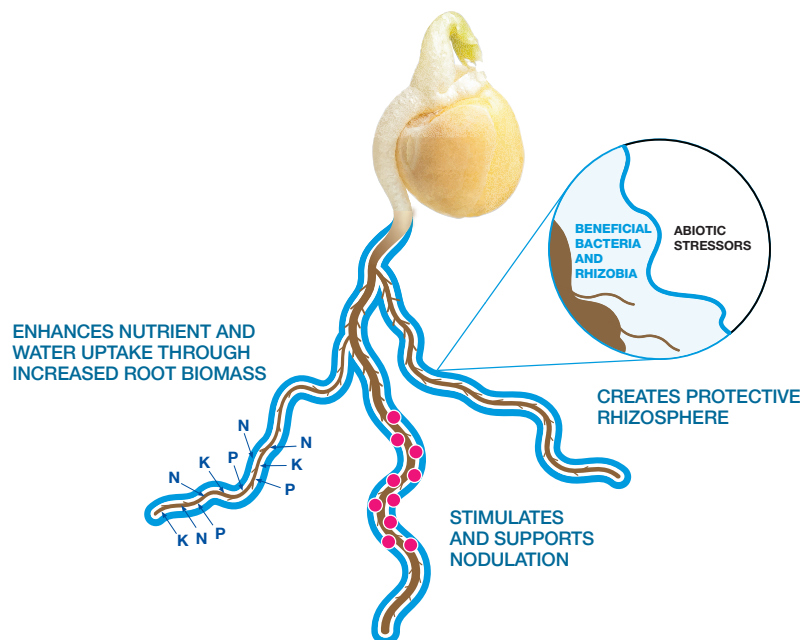
## Inoculant activity

The product provides a reliable inoculant with the following benefits:

- Guaranteed minimum of  $8 \times 10^7$  viable cells of *Rhizobium leguminosarum* biovar *viciae* per gram
- Guaranteed minimum of  $2 \times 10^8$  viable cells of *Bacillus subtilis* per gram
- Biofilm-forming bacterium in Biostacked® Nodulator® Duo SCG inoculant provides these benefits:
  - Increased efficiency and activity in nodulation due to crop specificity
  - Increased nitrogen fixation with maximized yield potential<sup>1</sup>

<sup>1</sup> Source: Grower Applied Strip Trials, 2017-2021; N value varied depending on competitor.

## Build better biofilm with BU1814



**BASF**

We create chemistry

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## Application rates

**One bag will treat 10.6 acres (7" rows) to 18.5 acres (12" rows).**

**One Q-Pak will treat 170 acres (7" rows) to 296 acres (12" rows).**

Apply granular inoculant at a rate of 28.5 g/1,000 linear row feet.

Row spacing		Application rate		Area treated per bag	
cm	in	kg/ha	lb/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	6.7	16.7
30.5	12	3.0	2.7	7.6	18.5

## Directions for use

### Prior to filling tank

Check tank seals on each compartment along with all metering components for signs of cracks and wear.

Replace cracked or worn parts.

Ensure that inoculant bags and tank walls are dry prior to filling.

Run fans at the beginning of each day as a precaution to dry any condensation that may have accumulated overnight.

Granular inoculants require a dedicated tank to ensure proper rate application.

Before filling, ensure that the screen at the top of the tank is in place.

### Filling the tank

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

To optimize flow (especially under humid conditions), it is suggested to only fill compartments to no more than 50% capacity.

Do not mix granular inoculant with granular pesticides or fertilizers during planting.

## Application tips

Apply granular inoculant directly in furrow at the specified rate. The product must not be applied at a depth that is less than the planting depth of the seed.

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.

Environmental conditions may affect flowability of the product. Feeding mechanism should be cleaned often to ensure good flow.

## Follow crops

No follow-crop restrictions.

## Seed treatment compatibility

Nodulator Duo SCG is compatible with all seed-placed products, as it is applied directly to the furrow and does not come in contact with the seed. Call **AgSolutions®** Customer Care at 1-877-371-BASF (2273) or visit **agsolutions.ca**.

## For more information:

Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit **agsolutions.ca**.

## Always read and follow label directions.

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