Nodulator XL Solid Core granular inoculant
technology sheet

Granule formulation improves flowability and boosts yields 3% to 8% in peas and lentils.

- A free-flowing clay granular inoculant for convenient application in furrow at seeding.
- Excellent performance under stressed planting conditions.
- Technologically advanced granular carrier for rhizobia.
- Low-dust formulation that is highly resistant to crumbling.

Bioactive ingredients

Rhizobium leguminosarum biovar *viceae,* strain 1435

Formulation

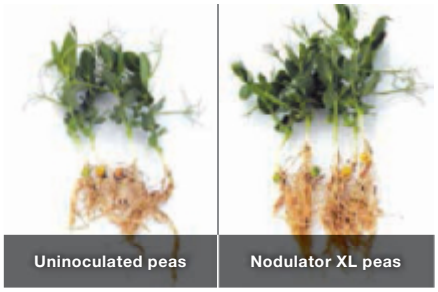
Light weight granules

Package options

1 x 22.6 kg bag
1 x 364 kg mini-bulk Q-Pak

Storage

Protect from temperatures above 20°C and away from direct sunlight.



Source: Becker Underwood trials, Southern AB, 2012

Crops

Lentils
Peas

Treatment

Applied directly to furrow.

Inoculant activity

The product provides a reliable inoculant that is guaranteed to contain a minimum of 8 x 10^7 rhizobia per gram.

Nodulator® XL inoculant contains *Rhizobium leguminosarum* biovar *viceae,* a highly efficient, more active strain of rhizobium, selected to perform on pea and lentil crops for increased yield potential.

The rhizobia help to maximize nodulation resulting in increased fixation of nitrogen for higher yield and protein potential.

In 72 combined research trials over multiple years in Western Canada, Nodulator XL outyielded competitive products more than 80% of the time. Trial results showed yield increases of 3% to 8% and more, when compared to yields from competitive products.

Nodulator® XL Inoculants

BASF
The Chemical Company

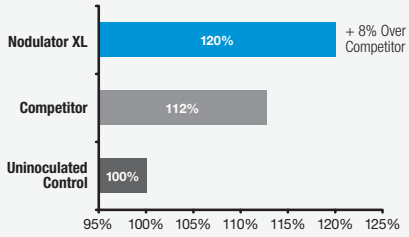
Sustainability

The organism formulated into this product is classified as *Rhizobium leguminosarum* biovar *viceae.* All of the organisms used by BASF products are common to Canadian soils. None of BASF's inoculant products sold in Canada contain GMO material.

Performance

Research shows that Nodulator® XL, in peas and lentils, boosts yields up to 8% over the competitor.

Increased Yield: Nodulator XL vs Competitor vs Uninoculated control



Source: Independently generated field data from 87 station years (peas) and 84 station years (lentils). (n sites x n years)

For more information

AgSolutions Customer Care
Call: 1-877-371-BASF (2273)

Visit: **agsolutions.ca**

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 directly in furrow at 28.5 grams/1000 linear row feet.

Directions for use

Apply granular inoculant directly to the furrow at a specified rate.

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

Product must not be applied at a depth that is less than the planting depth of the seed.

For calibration purposes, this product has a bulk density of 0.90 grams per cubic centimeter (56 pounds per cubic foot).

Application tips

Do not mix 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 a hopper overnight.

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

Follow crops

No follow-crop restrictions.

Seed treatment compatibility

This inoculant is compatible with most seed treatments when dry and can also be applied to specific treated seed when wet.

Please see respective product labels or call **AgSolutions**® Customer Care for further information.

Always read and follow label directions.