

Nodulator N/T self-adhering peat inoculant technology sheet

Ready-to-apply, Biostacked® inoculant for higher yield potential in soybeans.

- Biostacked with two biologicals to enhance performance of your soybeans
- Greater yield potential
- Sterile peat-based carrier with nitrogen-fixing rhizobium and *B. amyloliquefaciens* bacterium
- 24-hour on-seed survivability

Bioactive ingredients

Bradyrhizobium japonicum
Bacillus amyloliquefaciens
(strain MBI 600)

Formulation

Self-adhering sterile peat

One case contains

5 x 1.6 kg packages

Storage

Protect from temperatures above 25°C and away from direct sunlight.

Crops

Soybeans¹

¹ Approved and supported for organic production.

Treatment

Dry or damp inoculation on seed

Inoculant activity

Nodulator® N/T self-adhering peat inoculant contains a minimum of 2×10^9 viable cells of *Bradyrhizobium japonicum* per gram and 1×10^8 viable cells of *Bacillus amyloliquefaciens* per gram.

Research shows that Biostacked soybean inoculants promote:

- greater plant vigour
- greater root biomass
- more nitrogen-fixing nodules
- higher yield potential



Uninoculated

Biostacked inoculant

Source: BASF trials, 2007



Uninoculated

Biostacked inoculant

Source: University of Guelph trial, Stayner, ON, 2013

 **BASF**

We create chemistry

Nodulator® N/T Peat

Peat Biostacked® soybean Inoculant

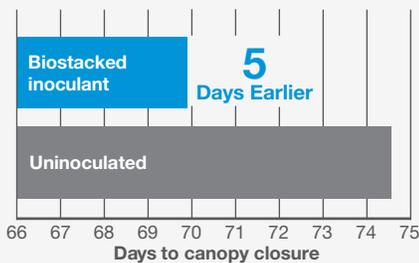
Maintaining diversity

The beneficial bioactive organisms, *Bradyrhizobium japonicum* and *Bacillus amyloliquefaciens* are common to Canadian soils. No BASF inoculant products sold in Canada contain genetically modified material.

Performance

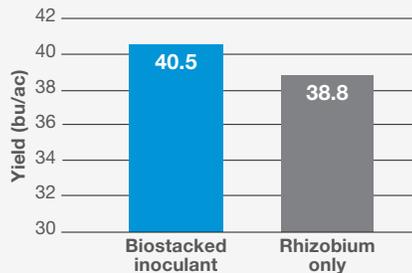
Research shows that Nodulator N/T promotes greater plant vigour, faster canopy closure and higher yield potential.

Days to canopy closure: Biostacked inoculant vs uninoculated



Source: BASF, 4 station years (n sites x n years)

Higher yield potential: Rhizobium only vs Biostacked inoculant



Source: BASF, 76 station years (n sites x n years)

For more information

BASF Ag Solutions
Customer Care
Call: 1-877-371-BASF (2273)
Visit: agsolutions.ca

Application rates

One case will treat 109 to 220 units of seed.

	seed/inoculant	treatable seed weight
standard rate	500 kg/1.6 kg	2,500 kg
reduced rate ²	1,000 kg/1.6 kg	5,000 kg

²In fields where soybean root nodulation was found to be adequate in the previous soybean crop, the recommended application rate may be reduced.

Directions for use

Dry inoculation

Pour the correct amount of inoculant onto thin layers of seed in the drill hopper and mix thoroughly to evenly coat seed.

Damp inoculation

Apply sufficient water to dampen the seed (about 250 ml) and thoroughly mix this product with the seeds to ensure even coating.

Application tips

When applied as directed, the product has a 24-hour on-seed survivability.

Do not use inoculant that has passed its expiration date or that has been incorrectly stored.

Non-pesticide-treated seed must be re-inoculated if not sown within 24 hours of inoculation.

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 BASF Ag Solutions Customer Care for further information.

Always read and follow label directions.

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