

Nodulator granular inoculant

technology sheet

An easy-to-handle, in-furrow inoculant for increased yield potential in soybeans.

- Sterile granular carrier containing nitrogen-fixing *Bradyrhizobium japonicum*.
- Increased root biomass with more nitrogen-fixing nodules on every plant.
- Ideal for double inoculation – Nodulator® PRO plus Integral® or Nodulator N/T on seed followed by Nodulator Granular in furrow.
- Easy to handle and calibrate with improved flowability.

Bioactive ingredient

Bradyrhizobium japonicum

Formulation

Granular

Packaging

1 x 18 kg bag

or

1 x 236 kg Q-Pak

Storage

Store in cool (1°C to 20°C), dry place, away from pesticides and bulk fertilizers.

Crops

Soybeans

Treatment

Apply in-furrow at time of seeding

Inoculant activity

Nodulator granular inoculant is guaranteed to contain a minimum of 1×10^8 viable cells of *Bradyrhizobium japonicum* per gram. The rhizobia help to increase nodulation resulting in increased fixation of nitrogen for higher yield and protein potential.

Research shows that soybean inoculants promote:

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



 **BASF**

We create chemistry

Nodulator® Granular

Peat granular Inoculant for soybean

Maintaining diversity

The organism formulated into this product is classified as *Bradyrhizobium japonicum*. All of the organisms used in BASF inoculant products are common to Canadian soils. No BASF inoculant products sold in Canada contain genetically modified organisms.

Application rates

One bag will treat 2.5 to 3.1 ha (5.5 to 7.7 ac). One Q-Pak will treat 28.9 to 41.5 ha (71.5 to 102.6 ac).

Apply at a depth that is the same or above the planting depth of the seed.

Row Width cm (in)	96.5 (38)	91.6 (36)	81.3 (32)	76.2 (30)
application rate grams per 306 meter row (ounces per 1,000 feet row)	170 (6.0)	170 (6.0)	170 (6.0)	170 (6.0)
application rate kg/ha (lb/ac)	5.8 (5.2)	6.1 (5.5)	6.8 (6.2)	7.3 (6.6)
ha (ac) treated	3.1 (7.7)	3.0 (7.3)	2.6 (6.5)	2.5 (5.5)

For all row crop spacings below 76.2 cm (30 in) (including drilled legumes), use at least 7.3 kg/ha (6.5 lb/ac).

Directions for use

1. Clean tank, hopper, rotor and calibration mechanism thoroughly of all pesticides before filling.
2. Run fans on seeder for 30 minutes prior to filling to purge system of any accumulated condensation.
3. Adjust flexible tubing from hopper to planting shoe so that it is as straight and vertical as possible.
4. Follow calibration instructions supplied by equipment manufacturer.
5. Set at a larger opening and adjust down to give desired rate of application.
6. Use filling screens as supplied by equipment manufacturer.
7. Fill box only 1/4 full.
8. Clean feeding mechanisms before calibration.
9. Using the table above, calibrate your equipment to apply the correct application rate. If adjusting down go only a small amount at one time – then retest. Recheck calibration regularly. This product has a bulk density of 0.72 g per cm³ or 43 lb per ft³.

Storage and application tips

Store bags flat, on a pallet keeping off the ground.
Avoid direct contact with cold, damp surfaces. Do not allow product to freeze.
Do not fill hoppers until prepared to get to the field.
Do not mix this product with granular pesticides or fertilizers during planting.
Remove any unused product from the hopper box at the end of each day's planting.
Do not allow product to sit in hopper overnight.

Follow crops

No follow-crop restrictions.

Seed treatment compatibility

This inoculant is compatible with most seed treatments. Please see respective product labels or call **AgSolutions**® Customer Care for further information.

Always read and follow label directions.

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For more information

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