

Nodulator liquid inoculant

technology sheet

An effective liquid inoculant for increased yield potential in soybeans.

- Liquid carrier containing nitrogen-fixing *Bradyrhizobium japonicum*.
- Increased root biomass with more nitrogen-fixing nodules on every plant.

Bioactive ingredient

Bradyrhizobium japonicum

Formulation

Liquid

One case contains

1 x 12.4 L bladder

Storage

Store in cool (below 20°C), dry place out of direct sunlight. Do not allow to freeze.

Crops

Soybeans¹

¹ Approved and supported for organic production

Treatment

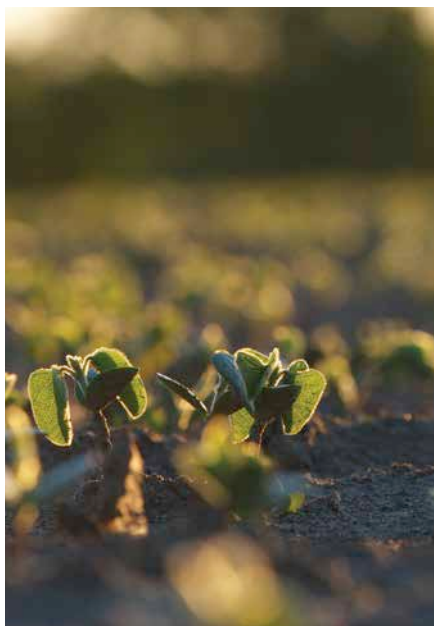
Apply on seed within 3 days of seeding or apply in furrow at time of seeding.

Inoculant activity

Nodulator® liquid inoculant is guaranteed to contain a minimum of 2×10^9 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



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We create chemistry

Nodulator[®] LQ

Liquid soybean Inoculant for in furrow

Application rates

On-seed application

One case will treat 165.2 bushels, 4,500 kg (9,840 lbs) of seed, using 75 ml of inoculant per 27.2 kg (1 bushel) of seed.

Grain auger output depends on the speed and diameter of auger used. Estimate your auger flow then use this chart to determine the flow valve setting that matches your auger output:

Auger Output (kg seed/min)	Auger Output (bu seed/min)	Flow Valve Setting
0	0	0
131	5	1
313	11	2
487	18	3
604	22	4
647	24	5
738	27	6

In-furrow application

The liquid inoculant should be applied at the rate of 29 ml non-diluted product per 304 linear row meters (1 fl oz/1,000 linear row feet). Refer to table below for application details:

Row Width	Recommended Rate	One Case Treats
38 cm (15 in)	2,560 ml/ha (1,035 ml/ac)	4.8 ha (12 ac)
51 cm (20 in)	1,900 ml/ha (770 ml/ac)	6.4 ha (16 ac)
76 cm (30 in)	1,240 ml/ha (500 ml/ac)	9.6 ha (24 ac)
91 cm (36 in)	1,100 ml/ha (445 ml/ac)	11.3 ha (28 ac)

Directions for use

See product label for detailed information regarding in-furrow or on-seed directions for use.

Storage and application tips

Store product below 20°C. DO NOT FREEZE.

Only use product that has been stored correctly.

Once opened, use inoculant within 24 hours.

Use before expiration date and only on soybeans.

Protect inoculated seed from high temperatures, sunlight or drying winds.

Avoid contact with caustic fertilizers.

If seed is not planted within 3 days from inoculation, the seed must be re-inoculated.

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.

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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