

Introducing



Nodulator[®] XL

XLerated performance. Accelerated yield.[™]

Inoculants

This new, high-performing inoculant for both peas and lentils boosts yields by up to 8% and delivers outstanding value.

Pea and lentil growers in Western Canada depend on rhizobial inoculants to improve nitrogen fixation, maximize yields and increase profits.

With the launch of new Nodulator[®] XL from Becker Underwood, the best-inoculant debate is officially over.

The foundation of Nodulator[®] XL is the highly efficient, more active strain of rhizobia known as *Rhizobium leguminosarum* bv. *viceae*. Now available from Becker Underwood, it's a game-changer. Research shows that Nodulator[®] XL, powered by its superior rhizobia strain, cranks up pea and lentil yields more than leading inoculants. Even better, because it's priced to deliver value, more of the yield advantage goes straight to your bottom line.

More yield? How much more?

In 171 station-years of research – that is, number of trial locations multiplied by number of years – Nodulator[®] XL increased yields by 3% to 8% compared to leading inoculants. That's a conservative figure, with many trials showing an even greater yield advantage.

In fact, Nodulator[®] XL out-yielded other products more than 80% of the time in peas and lentils. Now that's accelerated performance!

	All trials combined	Peas	Lentils
Trials (multiple years, locations and formulations)	72	39	33
% Total Wins	81%	79%	82%

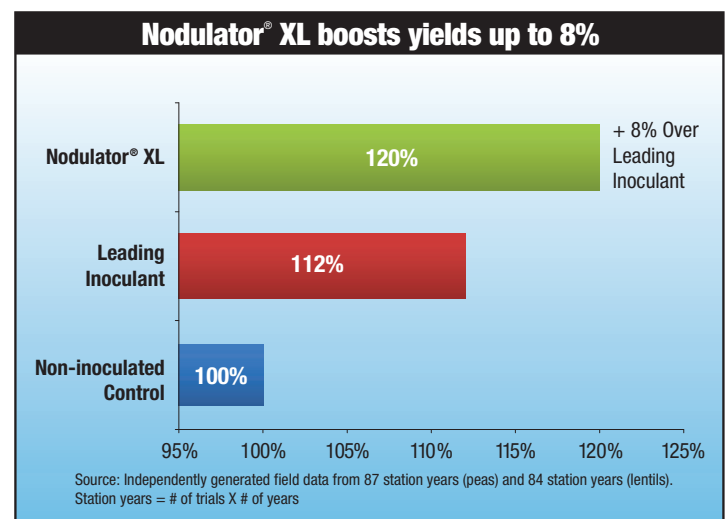
Which formulations of Nodulator[®] XL are available?

In 2012, its first year on the market, Nodulator[®] XL will be available in liquid, sterile peat and solid core formulations.

For information on the advantages of solid core Nodulator[®] XL in bags or Q-Paks, visit www.nodulatorxl.com.



Nodulator[®] XL consistently comes out on top in head-to-head yield trials against leading inoculants.



Beyond yield, what makes Nodulator® XL better than its competitors?

When you look at peas and lentils treated with Nodulator® XL, there's a noticeable difference compared to those treated with other leading inoculants.

Those differences start below the soil surface. Nodulator® XL-treated crops exhibit a more advanced root system – showing more vigorous, robust and highly branching growth. The nodules stay pink longer than plants treated with other leading inoculants – a sure sign of increased nitrogen fixation.

The Nodulator® XL advantage continues above the ground. Pea and lentil plants are a darker green, with improved uniformity of growth. Increased plant vigour provides a stronger defense against pests and better nutrient uptake. You'll appreciate the crop's uniformity at harvest time.

And, since it's registered for use on both peas and lentils, growers have fewer products to handle. Nodulator® XL delivers exceptional performance in both crops.

How does Nodulator® XL make me more money?

It's all about value. Because Nodulator® XL is a small investment that produces yield gains of 3% to 8% compared to leading inoculants, your return on investment is outstanding. Let's dig into the numbers using average provincial yields and prices over the past five years. In peas, the expected 3% to 8% yield increase produces 1.0 to 2.5 bushels more per acre – that's between \$4.99 and \$13.30 more per acre in your pocket.

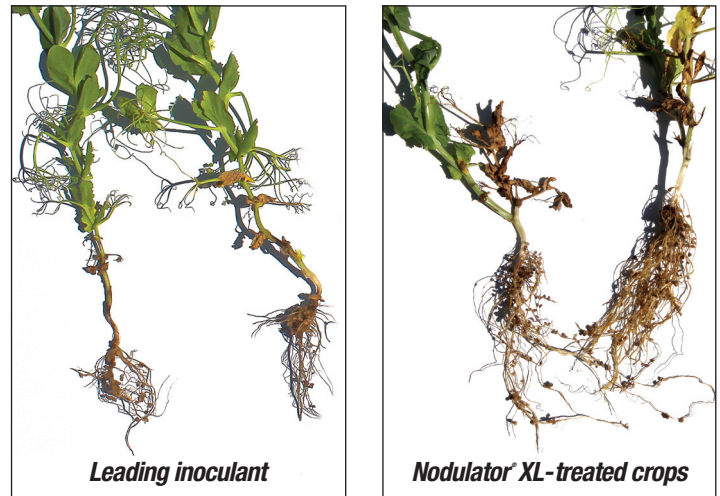
The revenue jump is even greater in lentils. A 3% yield increase means 0.6 bu./ac. more and \$8.39 per acre in additional revenue. How about 1.6 bu./ac. more in yield based on an 8% increase? That's \$22.37 more revenue per acre over leading inoculants.*

What about seed treatment compatibility – same as Nodulator®?

Yes. The compatibility of Nodulator® XL with seed treatments is similar to Nodulator®. You can find out more by reviewing the compatibility charts at www.nodulatorxl.com.

What's the application rate for Nodulator® XL?

Nodulator® XL has the same application rate as the Nodulator® self-adhesive peat and liquid formulations that growers know and trust.



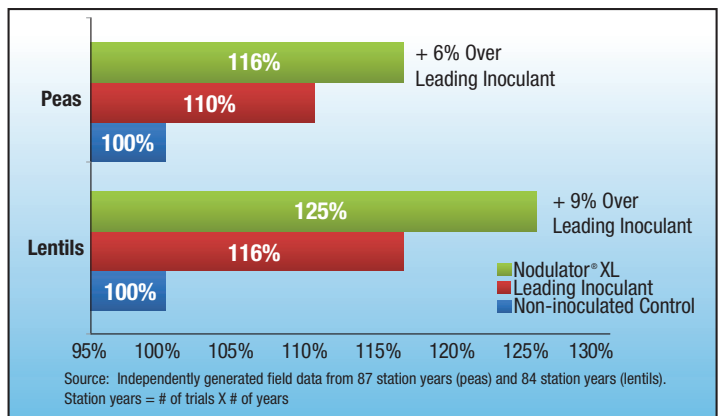
Nodulator® XL-treated crops (right) show more vigorous and robust root systems and nodules than the leading inoculant (left).

Nodulator® XL solid core granules have a reduced application rate. A 50 lb. pack and the 364 kg Q-Pak of Nodulator® XL solid core granules treat a larger area than a same-sized Nodulator® pack. This convenience translates into less handling by the grower, less time spent loading the seeder and more time actually seeding.

Acres covered by 50 lb. (22.6 kg) of Nodulator® and Nodulator® XL

Row width	Nodulator®	Nodulator® XL
8-inch rows	10 acres	12.2 acres
10-inch rows	10 acres	15.2 acres
12-inch rows	10 acres	18.5 acres

The bottom line: Nodulator® XL increases yield!



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Inventing the Future

For more information on the performance and value of Nodulator® XL for peas and lentils, visit www.nodulatorxl.com or contact:

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