



XiteBio® OptiPlus® is an innovative in-furrow multi-action liquid biological inoculant that combines nitrogen fixing bacteria *Bradyrhizobium japonicum* powered by **AGPT®** (Advanced Growth Promoting Technology) and XiteBio's patented strain of *Bacillus firmus*. AGPT® is XiteBio's unique proprietary technology, formulated to go beyond traditional inoculants by working with native soil rhizobium instead of competing with them.

XiteBio® OptiPlus® adds an optimum number of nitrogen-fixing rhizobia to soybeans to enhance nodulation while also increasing plant available soil-fixed phosphorous, iron and calcium. The easy-to-use **XiteBio® OptiPlus®** liquid formulation can be tank-mixed with compatible liquid fertilizers or water for easy in-furrow application.

XiteBio® OptiPlus® Packaging:

- 12.6 L bladder (3.3 gal) of *Bradyrhizobium japonicum* powered by AGPT® with 2×10^9 Colony Forming Unit (CFU)/g.
- 10 L bladder (2.7 gal) of *Bacillus Firmus* with 1×10^8 CFU/g.
- One year product shelf-life.

XiteBio® OptiPlus® Dual Inoculation* In-furrow Rates - Per Case

Rates for fields with a recent successful soybean crop in the past 2 years

Row Spacing	Acres/Case
30"	150
15-22"	120
7.5-12"	90

Rates for virgin soybean fields, Conservation Reserve (CRP) or anaerobic conditions (flooding)

Row Spacing	Acres/Case
30"	65
15-22"	45
7.5-12"	40

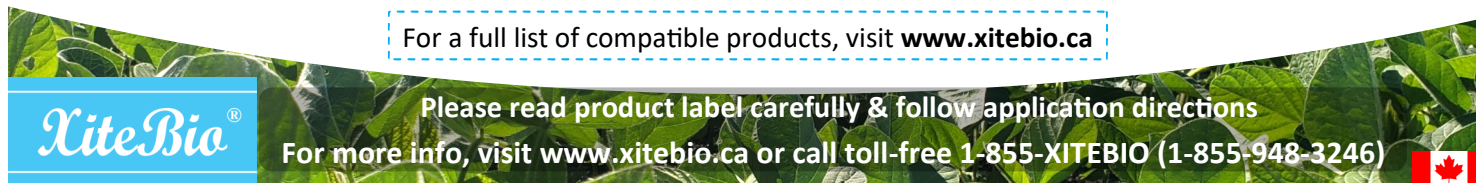
XiteBio® OptiPlus® should be tank mixed with compatible liquid fertilizers and/or water to completely flood the seed row.

*First inoculation is seed treatment.

In-Furrow Tank-Mix Fertilizer Compatibility:

Compatible In-Furrow Fertilizer Product	Tank-Mix Planting Window	Compatible In-Furrow Fertilizer Product	Tank-Mix Planting Window
3-18-18	8 hours	KS 1410	8 hours
10-34-0	8 hours	LigniJoule®	8 hours
Alpine G22®	8 hours	LS 624	8 hours
Alpine Bio20™	8 hours	Nachurs® 3-18-18	8 hours
Alpine Microbolt Mn®	8 hours	Nachurs® Triple Option®	8 hours
Arise™	8 hours	Nexus Zinc 9% EDTA	8 hours
CHS Aventine™ Complete	8 hours	Soygreen® - Low Rate	6 hours

For a full list of compatible products, visit www.xitebio.ca



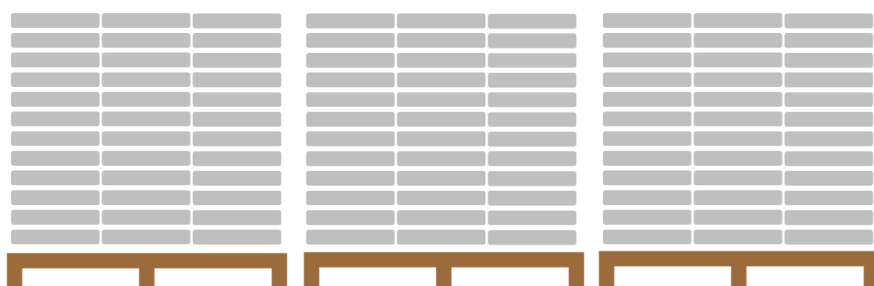
XiteBio® OptiPlus® For Soybeans

In-Furrow Application

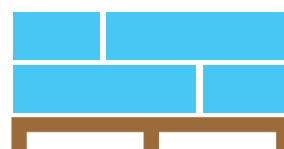
XiteBio® OptiPlus® vs. Dry Granular Inoculant:

- Unlocks tied up nutrients
- Cost effective vs. dry granular inoculant
- No air tank bridging, no dust
- Quick and simple inoculant re-fill
- Easy & uniform in-furrow application
- Eliminate plugged equipment
- Ability to use your preferred liquid starter fertilizers
- Agronomic performance equal to or better than granular inoculants

Amount of product needed to treat 800 acres of soybeans at 12" row spacing:



70+ bags of granular inoculant
(3,500 lbs)



9 cases XiteBio® OptiPlus®
(448 lbs)

Sales Contacts:

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XiteBio®

For more info, visit www.xitebio.ca or call toll-free 1-855-XITEBIO (1-855-948-3246)

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