



Modes of Action

- Phosphorus (P) Solubilization
- Phytohormone Production
- Iron (Fe) Chelation
- Stress Stabilizer



Why is XiteBio® Yield+ revolutionary?

- Unique patented strain of *Bacillus firmus* vigorously colonizes plant roots and solubilizes soil-bound P for increased plant uptake.
- Multiple modes of action: solubilizes soil-bound phosphorus into plant-available forms, encourages early root growth and development through phytohormone production, and increases iron availability for plant uptake.

Advantages of XiteBio® Yield+

- Solubilizes soil-fixed phosphates, increasing plant-available soil P
- Enhances early root development and plant vigor
- Encourages earlier maturity and longer flowering
- Stress tolerant bacteria survives in adverse field conditions
- Ready-to-use, all-in-one 10L package
- Compatible with most herbicides and fertilizers
- No extra passes needed



XiteBio® Yield+ is an innovative liquid biological with a naturally occurring Plant Growth Promoting Rhizobacteria (PGPR). This PGPR is a vigorous colonizer of plant roots with distinct phosphorus (P) solubilizing characteristics that works throughout the growing season to help plants maximize growth and cope with stress conditions.

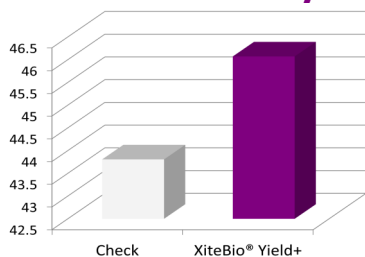


XiteBio® Yield+ Data Sheet

Key Information

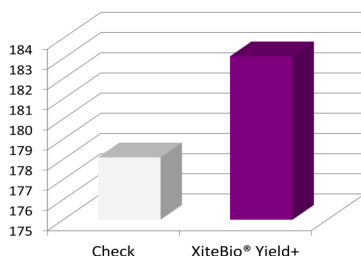
- **Active Ingredient:** Minimum of 1×10^8 *Bacillus firmus* CFU per mL
- **Application Options:** In-furrow (at planting) or Early post-emergence (at 0-6 leaf stage)
- **Case Treats:** 40-65 acres (depending on row spacing)
- **Package Size:** 10L or 338.1 fl oz/case
- **Shelf Life:** 2 Years
- **Tank-Mix Compatible:** Yes (please consult compatibility charts)

Canola +2.3 bu/ac



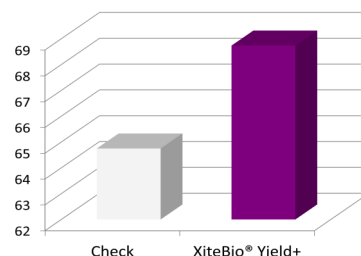
Source: 3rd Party Research Trials; Ag-prove Trials; 3rd Party Trials; Double Diamond Farm Supply; New Era Technologies Inc. (60 Trials, 2012-2022)

Corn +5 bu/ac



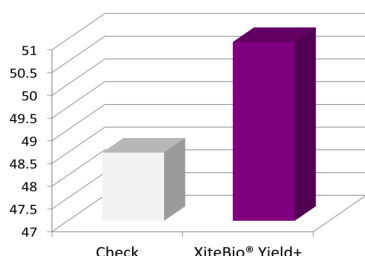
Source: 3rd Party Trials; Ohio State University; University of Illinois; University of Wisconsin; Sample Agri; GJ Chemical. (55 Trials, 2012-2022)

Wheat + 4 bu/ac



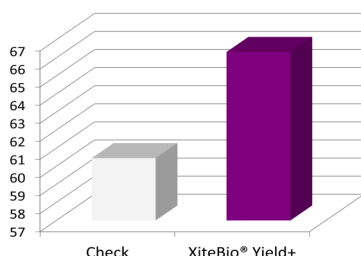
Source: 3rd Party Research Trials; Ag-prove Trials; 3rd Party Trials; Double Diamond Farm Supply; New Era Technologies Inc. (12 Trials, 2016-2022)

Soybean +2.4 bu/ac



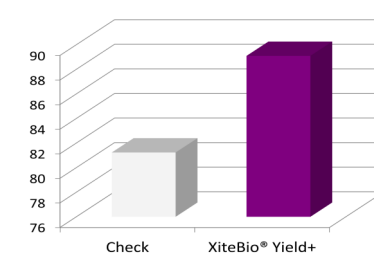
Source: 3rd Party Research Trials University of Missouri; Kent Ag Research; 3rd Party Trials; New Era Technologies Inc. (20 Trials, 2016-2023)

Peas +5.9 bu/ac



Source: 3rd Party Research Trial; 3rd Party Trials; New Era Technologies Inc. (2017-2023)

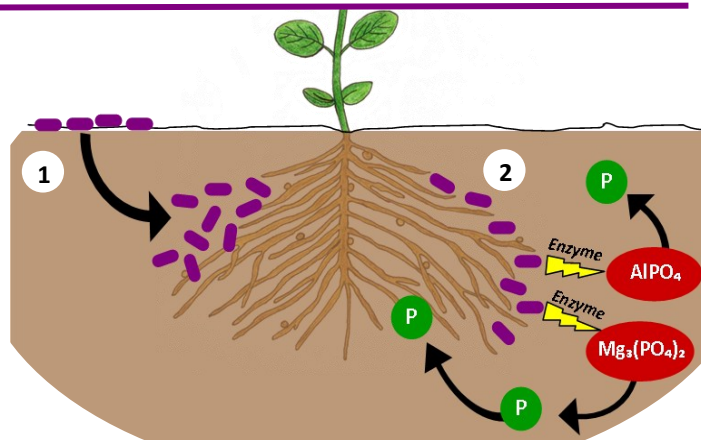
Barley +7.9 bu/ac



Source: 3rd Party Trials. (2016-2018)

How Does PGPR Work?

- 1) After being applied to the soil, the rhizobia in XiteBio® Yield+ seek out and colonize the plant rhizosphere.
- 2) Rhizobia begin releasing enzymes that free locked-up phosphates (P) from particles in soil, making them available for plant uptake.



Please read product label carefully & follow application directions

XiteBio®

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

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