



# XiteBio® Yield+

For Oilseeds, Cereals & Legumes

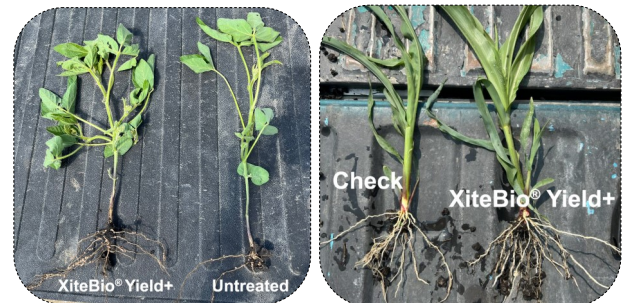
**XiteBio® Yield+** is an innovative early post-emergent and in-furrow liquid biological with a naturally occurring Plant Growth Promoting Rhizobacteria (PGPR). The active ingredient is a unique patented strain of *Bacillus firmus*. This PGPR is a vigorous colonizer of plant roots with distinct phosphorus (P) solubilizing characteristics that works throughout the growing season to help plants maximize growth and cope with stress conditions. **XiteBio® Yield+** enables farmers to grow crops with confidence and success.

## Why is XiteBio® Yield+ revolutionary?

- Unique patented strain of *Bacillus firmus* vigorously colonizes plant roots and solubilizes soil-bound P for increased plant uptake
- Convenient early-post application that can be used as tank mix with many post-emergent herbicides at 0-6 leaf stage
- Alternate in-furrow application can be used alone with water or with select liquid starter fertilizers. Consult label and compatibility charts for details before use.

## Advantages of XiteBio® Yield+

- Enhanced early root development and plant vigor
- Encourages earlier maturity and longer flowering
- Solubilizes soil-fixed phosphates, increasing plant-available soil P
- Stress tolerant bacteria survives in adverse field conditions
- Easy-to-use, all-in-one 10L package
- Compatible with most herbicides and fertilizers
- In-furrow or early-post application
- In-furrow rate: 40-65 acres/case (depending on row spacing)
- Early-post Rate: 40 acres/case
- No extra passes needed
- Tank mixable
- 2-year shelf life



Please read product label carefully & follow application directions



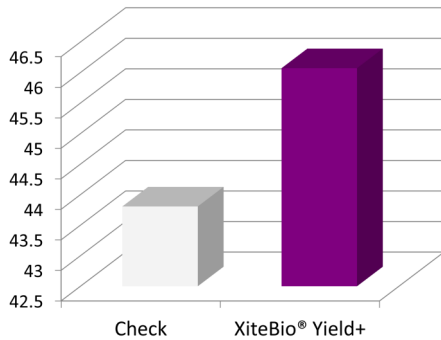
XiteBio® is a registered trademark of XiteBio Technologies Inc.



# Data Sheet

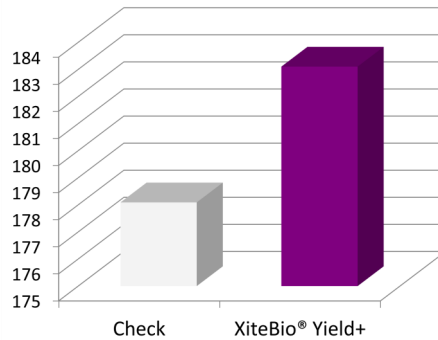
## Effect of XiteBio<sup>®</sup> Yield+ on Yield

### Canola +2.3 bu/ac



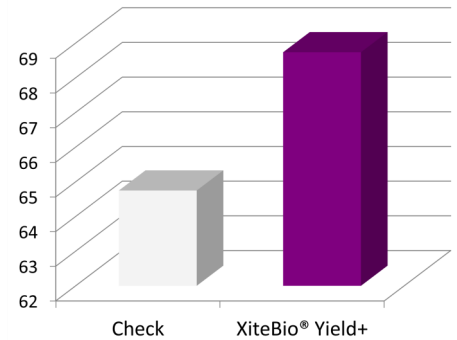
Source: 3rd Party Research Trials; Ag-prove Trials; 3rd Party Trials; Double Diamond Farm Supply; New Era Technologies Inc. (64 Trials, 2012-2022)

### Corn +5 bu/ac



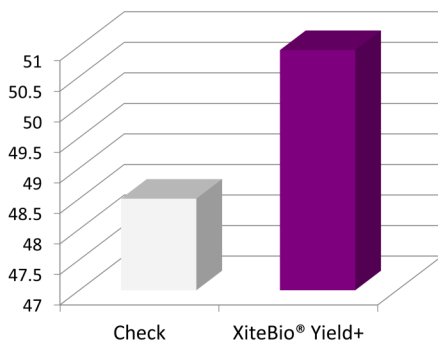
Source: 3rd Party Trials; Ohio State University; University of Illinois; University of Wisconsin; Sample Agri; GJ Chemical. (66 Trials, 2012-2022)

### Wheat + 4 bu/ac



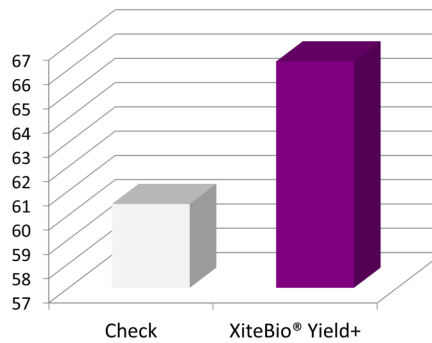
Source: 3rd Party Research Trials; Ag-prove Trials; 3rd Party Trials; Double Diamond Farm Supply; New Era Technologies Inc. (16 Trials, 2016-2022)

### Soybean +2.4 bu/ac



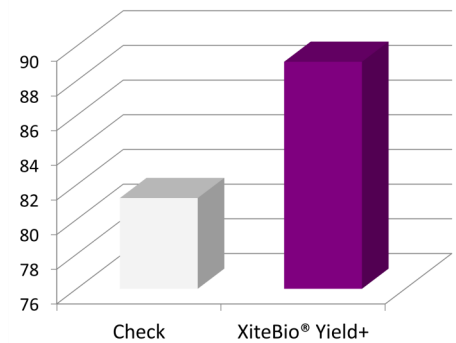
Source: 3rd Party Research Trials University of Missouri, Kent Ag Research; 3rd Party Trials; New Era Technologies Inc. (21 Trials, 2016-2023)

### Peas +5.9 bu/ac



Source: 3rd Party Research Trial; 3rd Party Trials; New Era Technologies Inc. (6 Trials 2017-2023)

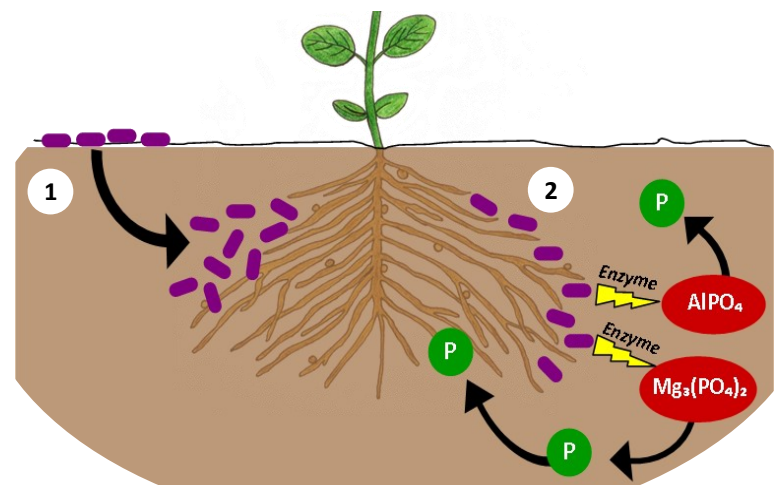
### Barley +7.9 bu/ac



Source: 3rd Party Trials. (4 Trials 2016-2018)

## How Does PGPR Work?

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



Last Updated: 27 October, 2023