

# Product Sheet

## XiteBio<sup>®</sup> Yield+ for Corn, Wheat & Barley

Healthier Plants. Better Yields.

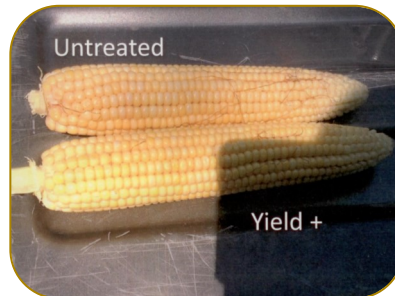
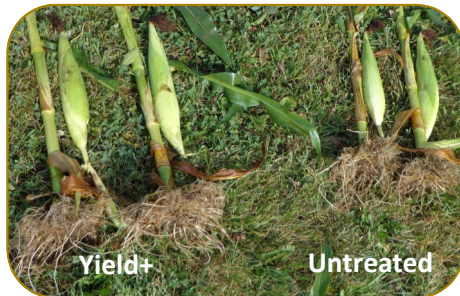
**XiteBio<sup>®</sup> Yield+ for Corn, Wheat & Barley** is an innovative early post-emergent and in-furrow liquid biological with a naturally occurring Plant Growth Promoting Rhizobacteria (PGPR). The active ingredient is a unique patented strain of *Bacillus firmus*. This PGPR is a vigorous colonizer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

### Why is XiteBio<sup>®</sup> 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 Glyphosate and Liberty 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<sup>®</sup> Yield+ for Corn, Wheat & Barley

- Average corn yield advantage: 6.9 bu/ac (2012-2017); wheat yield advantage: 5.5 bu/ac (2015-2017); barley yield advantage: 7.3 bu/ac (2016-2017)
- Enhanced early root development and plant vigor
- Improved P availability and uptake encourages earlier flowering
- Stress tolerant bacteria survives in adverse field conditions
- Convenient easy to use 10L package treats 40 acres



*XiteBio<sup>®</sup> Yield+ for corn was very user-friendly and I'm happy with the results. With Yield+ we averaged 110 bu/ac, compared to our 100 bu/ac check.*

-Dean Knell  
Hazeln, ND

**XiteBio<sup>®</sup>**

**Please read product label carefully & follow application directions**

For more information, visit [www.xitebio.ca](http://www.xitebio.ca) or call toll-free 1-855-XITEBIO (1-855-948-3246)

XiteBio<sup>®</sup> is a registered trademark of XiteBio Technologies Inc. XiteBio<sup>®</sup> Yield+ uses patented technology.

# Data Sheet

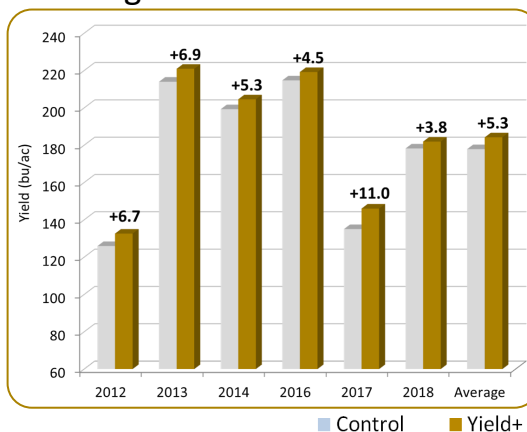
## Effect of XiteBio® Yield+ on Corn, Wheat & Barley Yield

### Effect of Yield+ on Corn Yield

Year	Location	Control (bu/ac)	XiteBio® Yield+ (bu/ac)	Increase over Control (bu/ac)
2012	Hazen, ND <sup>1</sup>	100.0	110.0	10.0
2012	Urbana, IL <sup>1</sup>	151.8	155.2	3.4
2013	Charleston, OH <sup>2</sup>	237.0	242.9	5.9
2013	Hoytville, OH <sup>2</sup>	188.2	201.2	13.0
2013	Dekalb, IL <sup>3</sup>	233.8	243.4	9.6
2013	Urbana, IL <sup>3</sup>	174.6	174.7	0.1
2013	Schneller, NE <sup>1</sup>	232.3	240.2	7.9
2013	Sutton, NE <sup>1</sup>	218.0	223.0	5.0
2014	Dekalb, IL <sup>3</sup>	236.8	240.0	3.2
2014	Urbana, IL <sup>3</sup>	197.1	200.0	2.9
2014	Arlington, WI <sup>4</sup>	230.0	237.0	7.0
2014	Fond du Lac, WI <sup>4</sup>	186.0	192.0	6.0
2014	S. Charleston, OH <sup>2</sup>	176.6	176.6	0.0
2014	Hoytville, OH <sup>2</sup>	190.5	196.0	5.5
2014	Hazen, ND <sup>1</sup>	160.0	161.0	1.0
2014	Albion, NE (Irr.) <sup>1</sup>	217.0	234.0	17.0
2016	Hoytville, OH <sup>2</sup>	148.7	149.1	0.4
2016	Fond du Lac, WI <sup>4</sup>	236.0	239.0	3.0
2016	Arlington, WI <sup>4</sup>	268.0	273.0	5.0
2016	Janesville, WI <sup>4</sup>	255.0	263.0	8.0
2016	Comfry, MN <sup>1</sup>	242.1	242.7	0.6
2016	Comfry, MN <sup>1</sup> (in-furrow)	242.1	243.4	1.3
2016	Hettinger, ND <sup>1</sup>	138.0	149.0	11.0
2016	West Liberty, OH <sup>1</sup>	155.0	161.0	6.0
2016	Brandt, SD <sup>1</sup>	231.1	234.3	3.2
2016	Brandt, SD <sup>1</sup> (in-furrow)	231.1	237.4	6.3
2017	Steinbach, MB <sup>1</sup>	129.6	130.9	1.3
2017	Ste Rose du Lac, MB <sup>1</sup>	166.4	174.8	8.4
2017	Rugby, ND <sup>1</sup>	109.1	132.2	23.1
2018	Pinehurst, ON <sup>1</sup>	244.0	251.0	7.0
2018	Morpeth, ON <sup>1</sup>	243.7	244.3	0.6
2018	Tupperville, ON <sup>1</sup>	209.2	213.0	3.8
2018	Oakbank, MB	101.8	109.3	7.5
2018	Carman, MB	92.2	91.9	-0.3
<b>Mean</b>		<b>195.9</b>	<b>202.0</b>	<b>6.1</b>

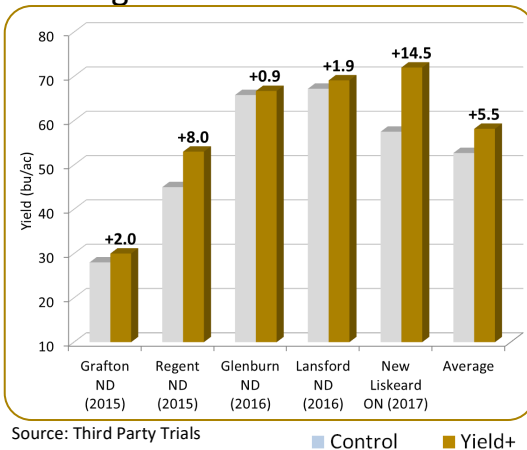
Source: <sup>1</sup>Third Party Research, <sup>2</sup>Ohio State University, <sup>3</sup>University of Illinois, <sup>4</sup>University of Wisconsin

### Average Corn Yield: 2012-2018



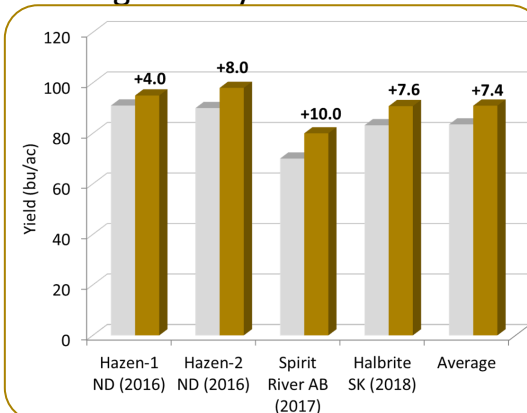
Source: Third Party Trials, Ohio State University, University of Illinois, University of Wisconsin

### Average Wheat Yield: 2015-2017



Source: Third Party Trials

### Average Barley Yield: 2016-2018



Source: Third Party Trials

Last Updated: 06 Nov. 2019

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