

# Field Trial Results 2011-2021

## XiteBio<sup>®</sup> SoyRhizo<sup>®</sup>

Year	State/ Province	Location/ Operator	Control (bu/ac)	XiteBio SoyRhizo (bu/ac)	Increase over control (bu/ac)	% Increase over control
2011	Manitoba	Fairfax <sup>3</sup>	16.5	42.6	26.1	61.3
2011	Manitoba	Margaret <sup>3</sup>	18.9	29.8	10.9	36.6
2011	Manitoba	Minto <sup>3</sup>	23.2	35.3	12.1	34.3
2011	Manitoba	Wingham <sup>3</sup>	51.5	50.9	-0.6	-1.2
2011	Manitoba	Dufferin <sup>3</sup>	51.8	55.0	3.2	5.8
2011	Ohio	Celina <sup>1</sup>	49.8	62.2	12.4	19.9
2011	Ohio	Delaware <sup>1</sup>	56.0	66.7	10.7	16
2011	Ohio	West Manchester <sup>1</sup>	74.9	80.9	6.0	7.4
2011	Ohio	Juron <sup>1</sup>	62.5	62.8	0.3	.5
2011	North Dakota	Carrington <sup>2</sup>	48.7	53.2	4.5	8.5
2011	Ohio	OSU <sup>1</sup>	61.4	64.7	3.3	5.1
2012	Ohio	Celina <sup>1</sup>	65.8	65.5	-.3	-.5
2012	Ohio	Delaware <sup>1</sup>	50.6	52.3	1.7	3.3
2012	Ohio	Holgate <sup>1</sup>	52.7	52.5	-.2	-.4
2012	Ohio	Milan <sup>1</sup>	67.2	66.7	-.5	-.7
2012	Ohio	West Manchester <sup>1</sup>	66.4	60.3	-6.1	-10.1

Source: <sup>1</sup>Ohio State University, <sup>2</sup>North Dakota State University, <sup>3</sup>3<sup>rd</sup> Party Research, <sup>4</sup>Kansas State University, <sup>5</sup>University of Minnesota, <sup>6</sup>University of Missouri, <sup>7</sup>University of Illinois, <sup>8</sup>Kent Ag Research Inc.



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

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2012	Ohio	Sabina <sup>1</sup>	69.4	71.9	2.5	3.5
2012	Nebraska	Hamilton <sup>3</sup>	78.1	81.1	3.0	3.7
2012	Nebraska	Hamilton <sup>3</sup>	63.1	66.3	3.2	4.8
2012	Minnesota	Stephen <sup>3</sup>	35.0	40.0	5.0	12.5
2012	North Dakota	Carrington <sup>2</sup>	56.1	59.6	3.5	5.9
2013	Ontario	Harrow <sup>3</sup>	65.0	72.0	7.0	9.7
2013	Ohio	Henry <sup>1</sup>	46.6	61.3	14.7	24.0
2013	Ohio	Mercer <sup>1</sup>	50.0	50.5	0.5	1.0
2013	Ohio	Union <sup>1</sup>	44.5	45.3	0.8	1.8
2013	Ohio	Preble <sup>1</sup>	74.1	72.4	-1.7	-2.3
2013	Ohio	Clinton <sup>1</sup>	56.3	62.0	5.7	9.2
2013	Ohio	Huron <sup>1</sup>	62.8	53.6	-9.2	-17.2
2013	North Dakota	Carrington <sup>2</sup>	36.4	37.4	1	2.7
2014	Manitoba	Oakville <sup>3</sup>	24.7	32.1	7.4	23.05296
2014	Kansas	Colby <sup>4</sup>	65.5	71.0	5.5	7.746479
2014	Kansas	Assaria <sup>4</sup>	22.8	23.3	0.5	2.145923
2014	Kansas	Onaga <sup>4</sup>	48.0	42.0	-6.0	-14.2857

Source: <sup>1</sup>Ohio State University, <sup>2</sup>North Dakota State University, <sup>3</sup>3<sup>rd</sup> Party Research, <sup>4</sup>Kansas State University, <sup>5</sup>University of Minnesota, <sup>6</sup>University of Missouri, <sup>7</sup>University of Illinois, <sup>8</sup>Kent Ag Research Inc.



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2014	Kansas	Belleville <sup>4</sup>	63.1	55.0	-8.1	-14.7273
2014	Minnesota	Minnesota Lake <sup>5</sup>	50.1	49.3	-0.8	-1.62272
2014	Missouri	Columbia <sup>6</sup>	64.8	64.8	0.0	0
2014	Missouri	Mooreville <sup>6</sup>	59.7	61.2	1.5	2.45098
2014	Missouri	Truxton <sup>6</sup>	67.2	63.5	-3.7	-5.82677
2014	Iowa	Lawrence <sup>3</sup>	59.2	61.0	1.8	2.95082
2014	Iowa	Lawrence <sup>3</sup>	54.8	57.2	2.4	4.195804
2014	Iowa	Lawrence <sup>3</sup>	61.1	62.8	1.7	2.707006
2016	Illinois	Monmouth <sup>7</sup>	68.4	69.7	1.3	1.9
2016	Illinois	Urbana <sup>7</sup>	71.5	71.0	-0.5	-0.7
2018	Ontario	Brussels <sup>8</sup>	57.63	57.3	-0.34	-0.59347
2018	Ontario	Theford <sup>8</sup>	76.65	78.7	2.04	2.592451
2018	Ontario	Tupperville <sup>8</sup>	76.66	76.7	0.07	0.091229
2018	Ontario	Woodstock <sup>8</sup>	67.52	71.2	3.653143	5.132951
2019	Minnesota	Round Lake <sup>3</sup>	64.1	65.1	1	1.536098
2019	Manitoba	Altona <sup>3</sup>	35.4	33.3	4.1	11.58192

Source: <sup>1</sup>Ohio State University, <sup>2</sup>North Dakota State University, <sup>3</sup>3<sup>rd</sup> Party Research, <sup>4</sup>Kansas State University, <sup>5</sup>University of Minnesota, <sup>6</sup>University of Missouri, <sup>7</sup>University of Illinois, <sup>8</sup>Kent Ag Research Inc.



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2020	Ontario	Kent <sup>3</sup>	60	62.3	2.3	3.691814
2021	North Dakota	Carrington <sup>2</sup>	10.9	17.1	6.2	36.25731
2021	North Dakota	Carrington <sup>2</sup>	10.9	12.9	2	15.50388

Source: <sup>1</sup>Ohio State University, <sup>2</sup>North Dakota State University, <sup>3</sup>3<sup>rd</sup> Party Research, <sup>4</sup>Kansas State University, <sup>5</sup>University of Minnesota, <sup>6</sup>University of Missouri, <sup>7</sup>University of Illinois, <sup>8</sup>Kent Ag Research Inc.



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### Averages by Year

Year	Control (bu/ac)	XiteBio <sup>®</sup> SoyRhizo <sup>®</sup> (bu/ac)	Increase over control (bu/ac)	% Increase over control
2011	46.8	54.9	8.1	14.8
2012	60.4	61.6	1.2	1.9
2013	54.5	56.8	2.3	4.0
2014	53.4	53.6	0.2	0.4
2016	70.0	70.4	0.4	0.6
2018	69.6	71.0	1.4	2.0
2019	47.7	50.3	2.6	5.2
2020	60.0	62.3	2.3	3.7
2021	10.9	15.0	4.1	27.3
<b>Total</b>	<b>52.6</b>	<b>55.1</b>	<b>2.5</b>	<b>4.5</b>