

# Spraytec

## research book

### North America



Talk to your local retailer/sales representative today, for more information.

**IMPORTANT:** Always read and follow label instructions when using these products.

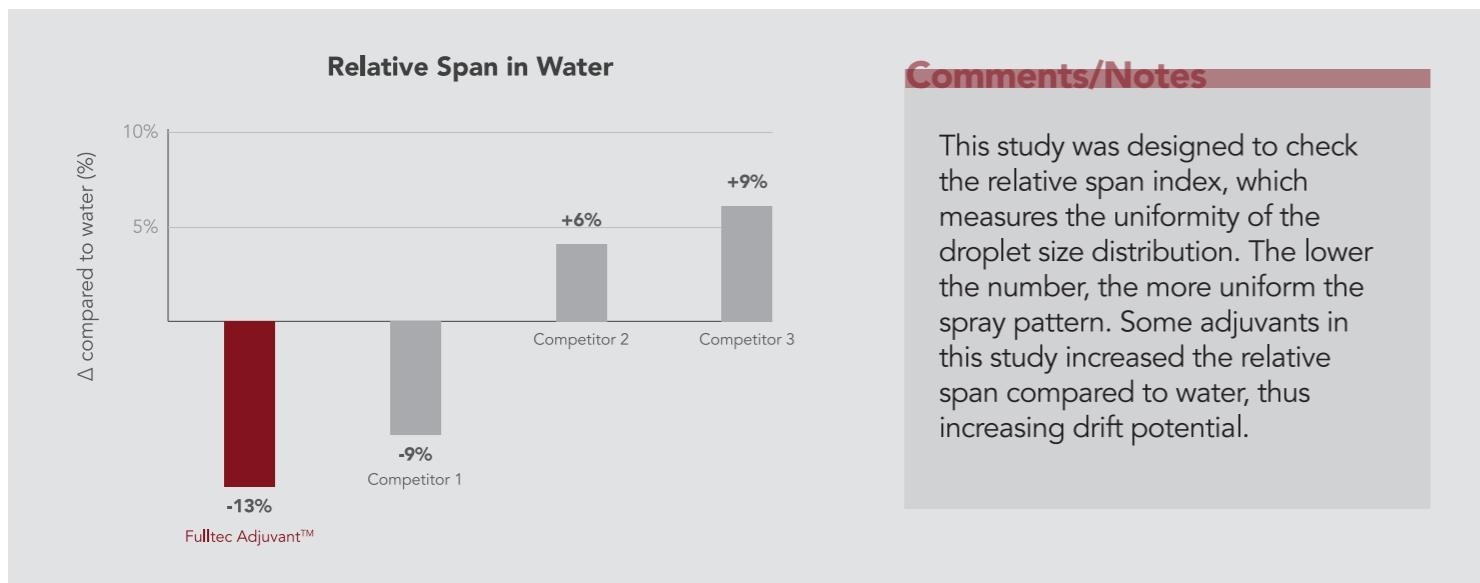
Spraytec, Fultec, Fultec Plus ST, Nodofix, Fultec Plus Foliar, Fultec Nitro, Fultec Ultra, Fultec Zinc, Fultec UltraZinc, Fultec Impulse, Fultec Cube, Fultec Cube IR, Fultec K, Fultec Boron Max, Fultec Adjuvant, Fultec X, and Fultec Oil are trademarks of Spraytec Fertilizers, LLC. All photos are either the property of Spraytec or are used with permission.



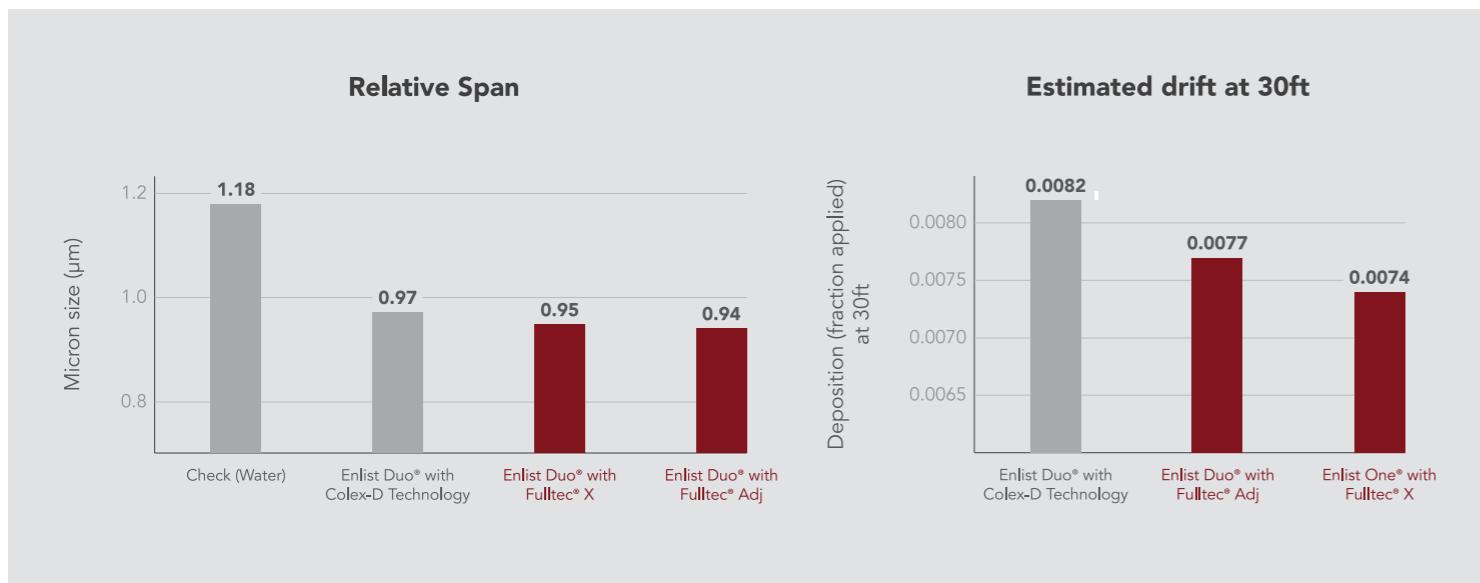
**Spraytec**  
Fertilizers  
(515) 252 7777  
Urbandale, Iowa, US.  
[Spraytec.com](http://Spraytec.com)

These products are for sale only in the registered states. Please ask Spraytec for a specific list of states where sale or distribution of this product is permitted.

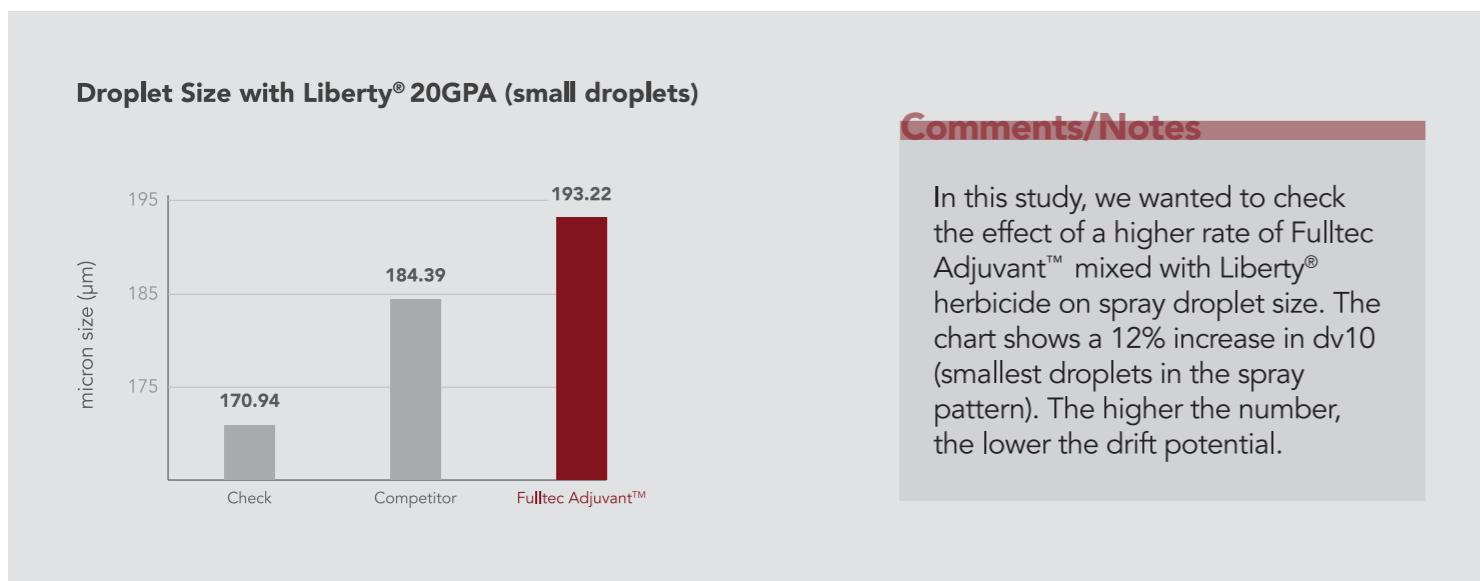
**spraytec**  
FULLTEC®



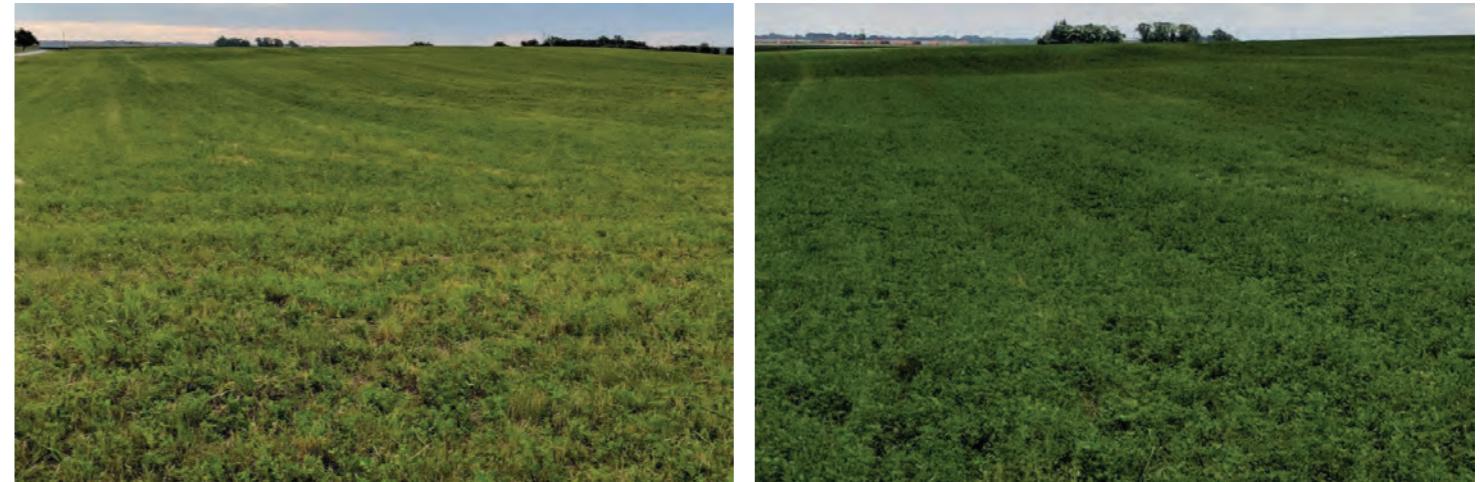
2022 trials - University of Nebraska, West central Research and Extension Center, North Platte, Nebraska.  
Fulltec Adjuvant 15 oz/100 GAL. Low speed wind tunnel; AIXR11004 Nozzle at 40 psi.



2019 trials - University of Nebraska, West central Research and Extension Center, North Platte, Nebraska.  
Fulltec X 2.0 oz/acre, Fulltec Adjuvant 2.7 oz/acre. Low speed wind tunnel; AIXR11004 Nozzle at 40 psi.



2022 trials - University of Nebraska, West central Research and Extension Center, North Platte, Nebraska.  
Fulltec Adjuvant 18 oz/100 GAL. Low speed wind tunnel; AIXR11004 Nozzle at 40 psi.



2022 trials - Spraytec R&D, Centerville, South Dakota.  
Nutrekit Nitro 10 oz/acre + 10 oz/acre.

### Comments/Notes

This study was replicated in the following sites:

IN	KY	C.IL	S.IL	OH	IA
NE	MN	WI		DELTA	

Study provided by:

RI TREATMENTS	PERCENT MOISTURE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT
Control: Fungicide (5 oz. Lucento®)	11.0	67.5	-	-
Fungicide + 4 oz. Fulltec K™	10.9	68.9	+1.4	+\$13.01
Fungicide + 1 pt. Brandt® Smart K B	10.8	68.6	+1.1	+\$12.16
Fungicide + 1 gal. Nachurs® K-flex®	10.9	68.4	+0.9	+2.08
Fungicide + 4 oz. NanoK®	10.9	68.1	+0.6	+1.20

Soybeans \$13.76/Bu. These results are based on the disclosed study parameters and participating sites.

2022 trials - Beck's PFR™, PFR Locations.  
Fulltec K 4.0 oz/acre @R1.

### Disease Management

Treatment	Yield (bu/acre)
Check	65.80
Fungicide	69.10
Fulltec Cube™ + Fulltec K™ (4.0 + 4.0 oz/acre)	70.30

Treatment	ROI (\$/acre)
Fungicide	\$ 6.43
Fulltec Cube™ + Fulltec K™ (4.0 + 4.0 oz/acre)	\$ 30.54

2023 trials - Spraytec Research and Development.  
Fulltec Cube 4.0 oz/acre, Fulltec K 4.0 oz/acre, Fungicide 10 oz/acre @R1. ROI is based on \$12.00/bu Beans.

### Boron Study

Treatment	Yield (bu/acre)
Check	42.50
Fulltec Boron Max™ (0.5 lb/acre)	49.15
Fulltec Boron Max™ (1.0 lb/acre)	53.65

Treatment	ROI (\$/acre)
Fulltec Boron Max™ (0.5 lb/acre)	\$ 68.30
Fulltec Boron Max™ (1.0 lb/acre)	\$ 117.80

2023 trials - Spraytec Research and Development.  
Fulltec Boron Max 0.5 and 1.0 lb/acre @R1. ROI is based on \$12.00/bu Beans.

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### Comments/Notes

This study was replicated in the following sites:

IN	KY	C.IL	S.IL	OH	IA
NE	MN	WI		DELTA	

Study provided by:

### Fungicide Adjuvant Study - Corn

RI TREATMENTS	PERCENT MOISTURE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT	2Y RETURN ON INVESTMENT
Control: Fungicide (5 oz. Lucento®)	15.5	194.8	-	-	-
Fungicide + 3 oz. Fulltec Adjuvant	15.7	198.0	+3.2	+\$15.81	+\$7.48
Fungicide + Competitor	15.5	197.9	+3.1	+\$13.64	+\$5.60

Corn \$5.69/Bu. These results are based on the disclosed study parameters and participating sites.

2023 trials - Beck's PFR™, PFR Locations.  
Fulltec Adjuvant 3.0 oz/acre @R1. Competitor 0.68 oz/acre @R1

### Comments/Notes

This study was replicated in the following sites:

IN	KY	C.IL	S.IL	OH	IA
NE	MN	WI	DELTA		

Study provided by:

### Fungicide Adjuvant Study - Beans

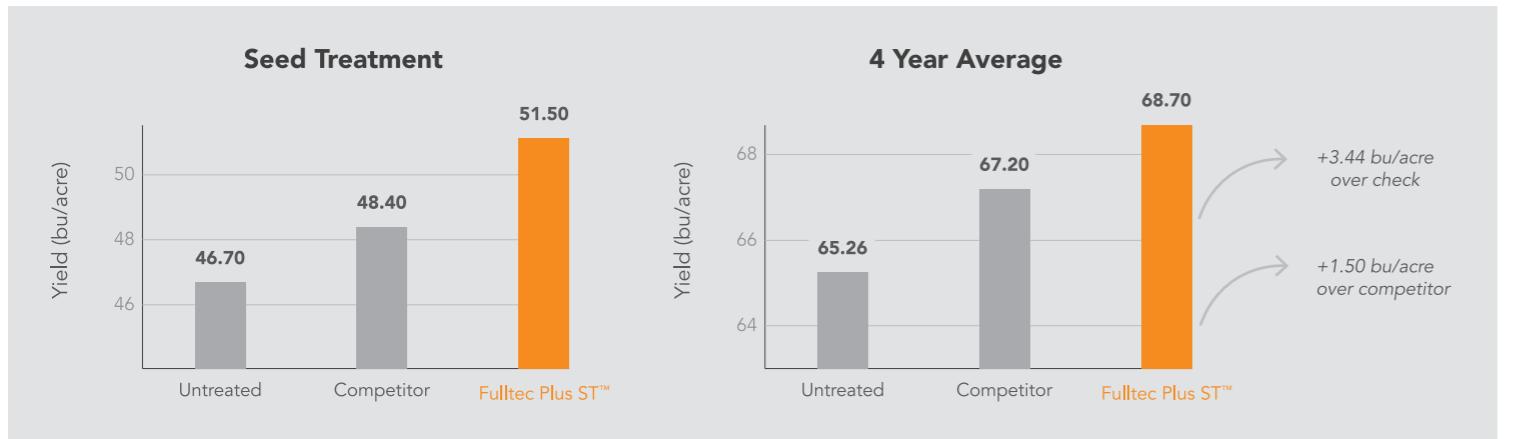
RI TREATMENTS	PERCENT MOISTURE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT	2Y RETURN ON INVESTMENT
Control: Fungicide (5 oz. Lucento®)	11.1	70.3	-	-	-
Fungicide + 3 oz. Fulltec Adjuvant	11.2	73.3	+3.0	+\$37.77	+\$29.69
Fungicide + Competitor	11.2	71.6	+1.3	+\$13.40	+\$19.15

Soybeans \$13.39/Bu. These results are based on the disclosed study parameters and participating sites.

2023 trials - Beck's PFR™, PFR Locations.  
Fulltec Adjuvant 3.0 oz/acre @R1. Competitor 0.68 oz/acre @R1

2023 trials - Spraytec Research and Development.  
Fulltec Adjuvant 16 oz/100 GAL + Fulltec Oil 32 oz/100 GAL.

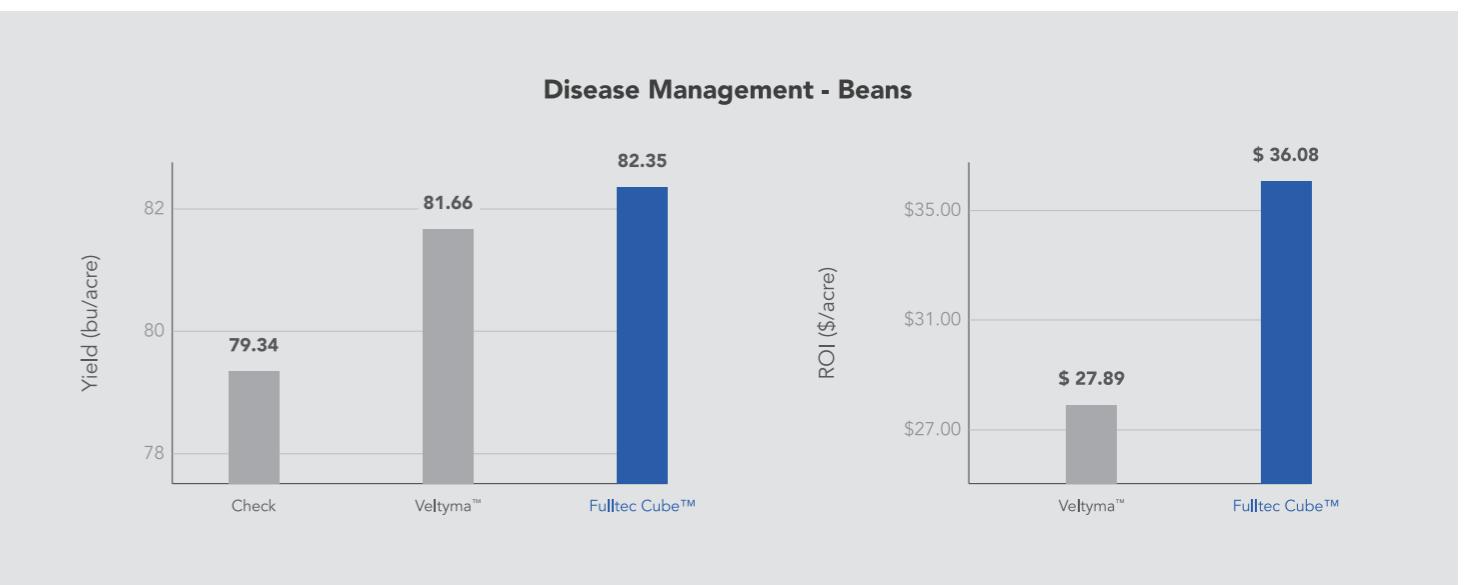
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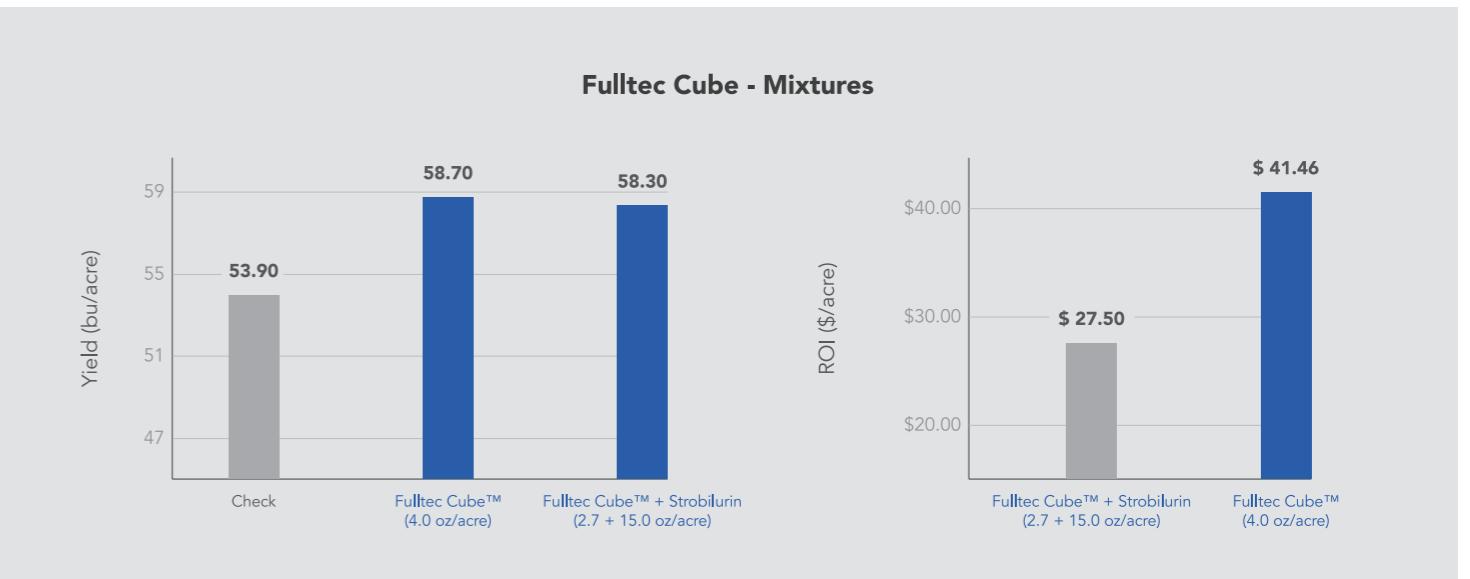
2021 trials - Shrishail Navi, Iowa State University, Ames, Iowa.  
Fulltec Plus 4.0 oz/100lbs @seed treatment.



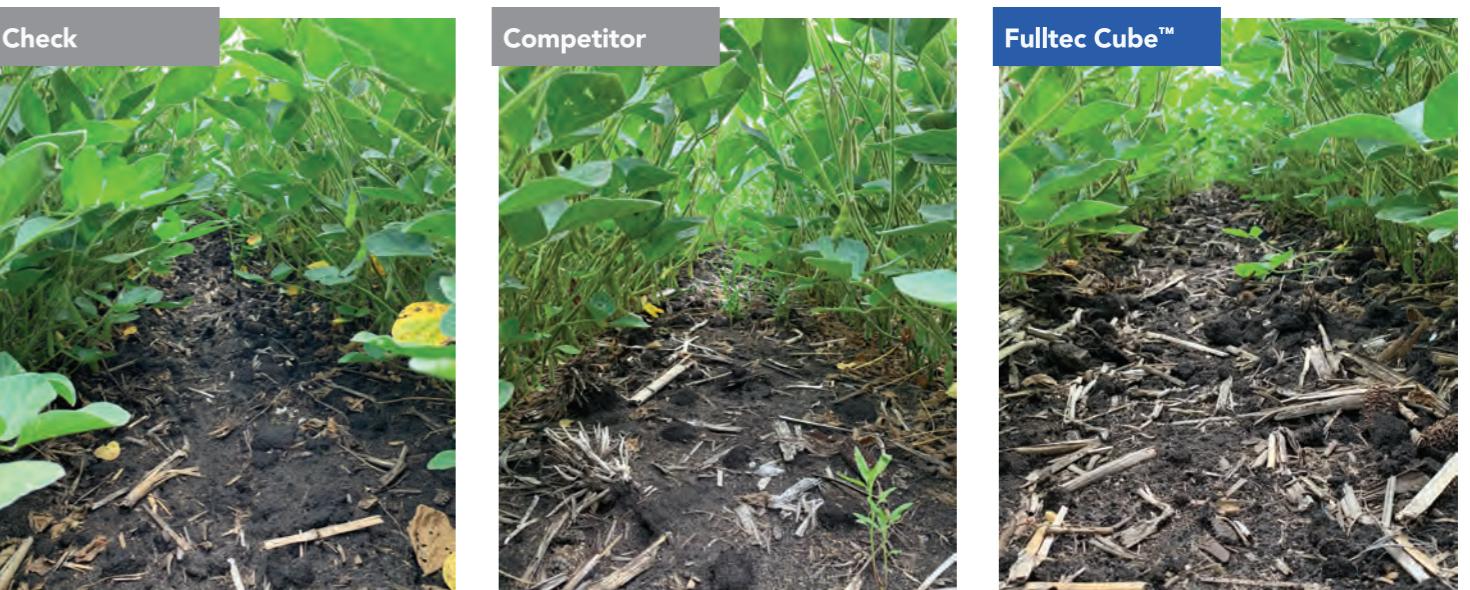
2020 trials - Two Rivers Cooperative, Pella, Iowa.  
Fulltec Plus 4.0 oz/100# of seed.



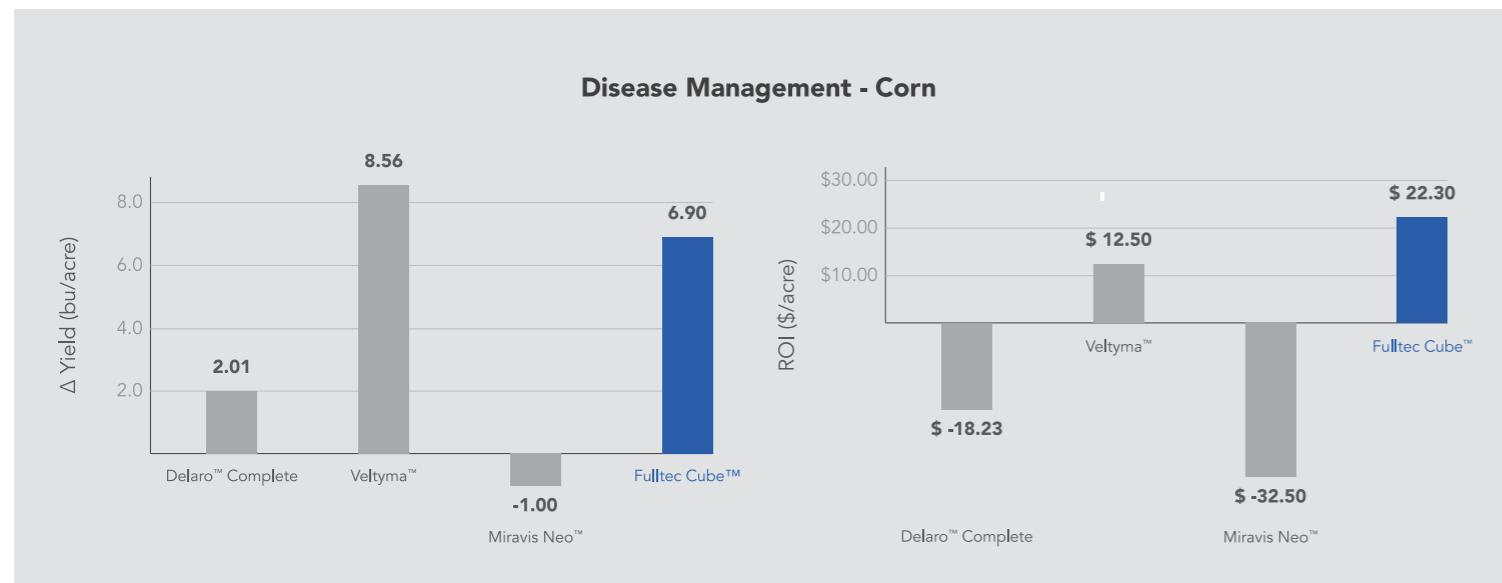
2023 trials - Iowa State University, Ames, Iowa.  
Fulltec Cube 4.0 oz/acre @R1. ROI is based on \$12.00/bu Beans.



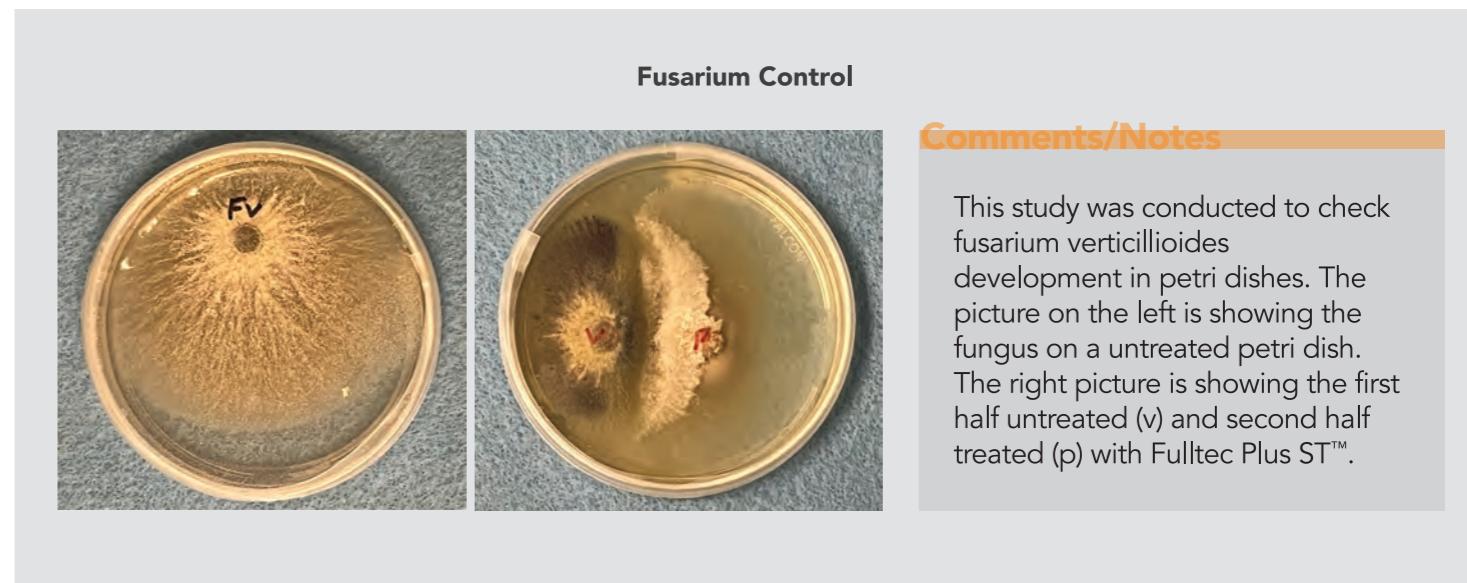
2023 trials - Spraytec Research and Development.  
Fulltec Cube 4.0 and 2.7 oz/acre @R1. ROI is based on \$12.00/bu Beans.



2020 trials - Precision Ag Research, Clarion, Iowa.  
Fulltec Cube 4.0 oz/acre (R1).

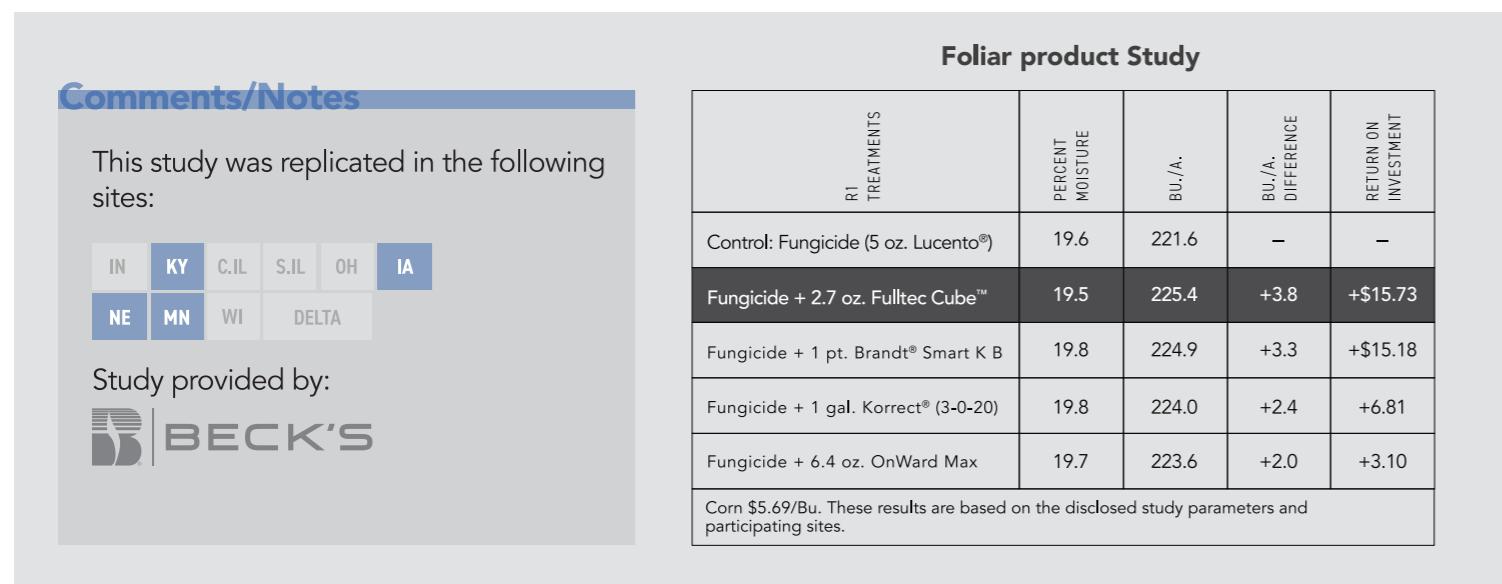


2023 trials - Ag Products Research, Sardinia, OH and Greensburg, IN.  
Fulltec Cube 4.0 oz/acre @V7. ROI is based on \$4.50/bu Corn.

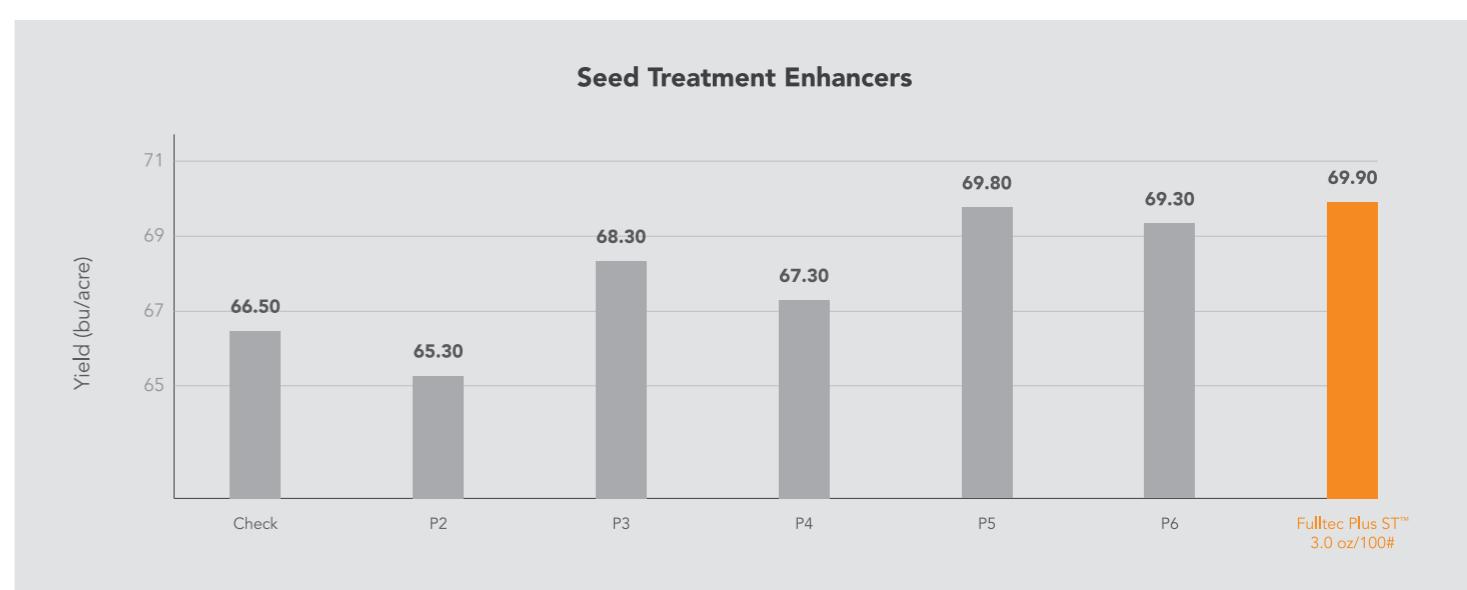


**Comments/Notes**

This study was conducted to check fusarium verticillioides development in petri dishes. The picture on the left is showing the fungus on a untreated petri dish. The right picture is showing the first half untreated (v) and second half treated (p) with Fulltec Plus ST™.



2023 trials - Beck's PFR™, PFR Locations.  
Fulltec Cube 4.0 oz/acre @R1.



**Comments/Notes**

This study was replicated in the following sites:

IN	KY	C.IL	S.IL	OH	IA
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Study provided by:  
**BECK'S**

Foliar product Study - Beans						
R1 TREATMENTS	PERCENT MOISTURE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT	2Y RETURN ON INVESTMENT	
Control	11.0	60.3	—	—	—	
Fulltec Impulse Beans™	10.9	62.3	+2.0	+\$18.18	+\$12.00	
1 gal. Over Pass® 10-2-10	10.9	60.3	0.0	-\$5.60	—	
4 oz. Bioforce®	10.9	59.6	-0.7	-\$13.40	—	

Soybeans \$13.39/Bu. These results are based on the disclosed study parameters and participating sites.

2023 trials - Beck's PFR™, Ohio PFR.  
Fulltec Impulse Beans 1 box/100 acres @R1.

**Comments/Notes**

This study was replicated in the following sites:

IN	KY	C.IL	S.IL	OH	IA
NE	MN	WI	DELTA		

Study provided by:  
**BECK'S**

Foliar product Study - Corn						
R1 TREATMENTS	PERCENT MOISTURE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT	2Y RETURN ON INVESTMENT	
Control	19.8	242.6	—	—	—	
Fulltec Impulse Corn™	19.9	245.9	+3.3	+\$10.18	+\$3.94	
6 oz. Bioforce®	20.0	243.0	+0.4	-\$3.76	—	
1 pt. Frenzy	19.9	243.6	+1.0	-\$5.56	—	
1 pt. Energy Power®	19.9	243.4	+0.8	-\$7.88	—	

Corn \$5.69/Bu. These results are based on the disclosed study parameters and participating sites.

2023 trials - Beck's PFR™, PFR Locations.  
Fulltec Impulse Corn 1 box/100 acres @V4.

