

Spraytec

research book

North America



Spraytec Fertilizers
(515) 252 7777
Urbandale, Iowa, US.
Spraytec.com

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

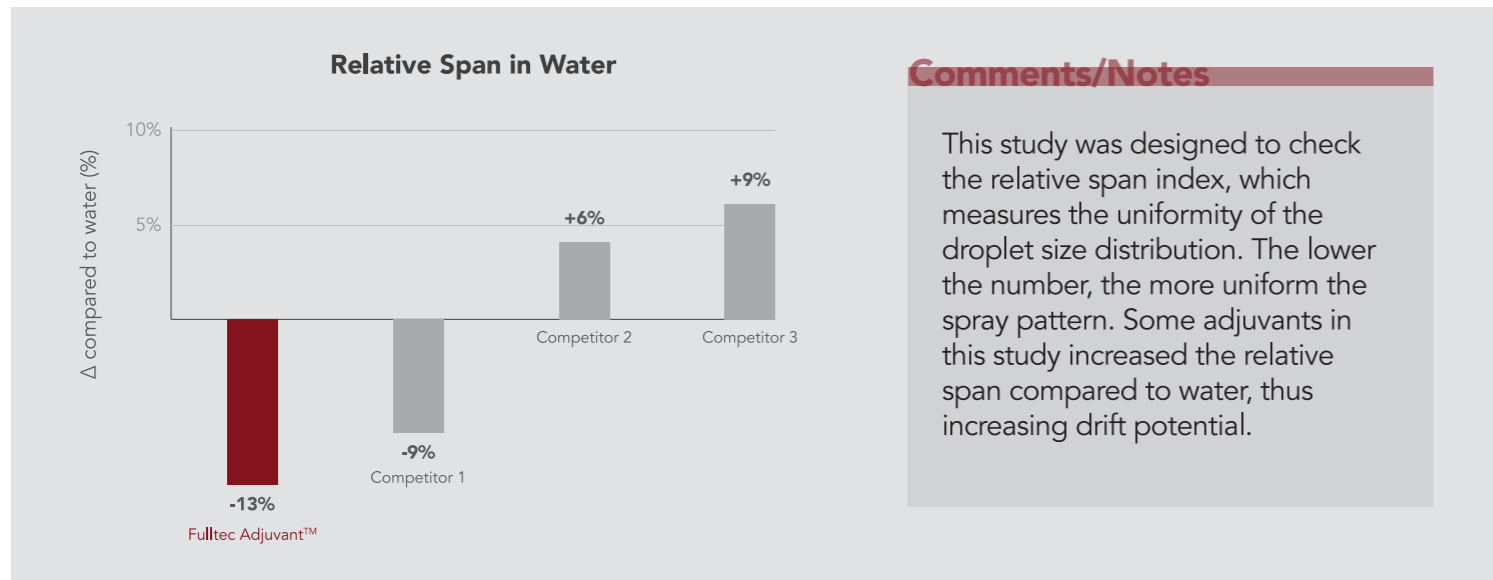
IMPORTANT: Always read and follow label instructions when using these products.

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

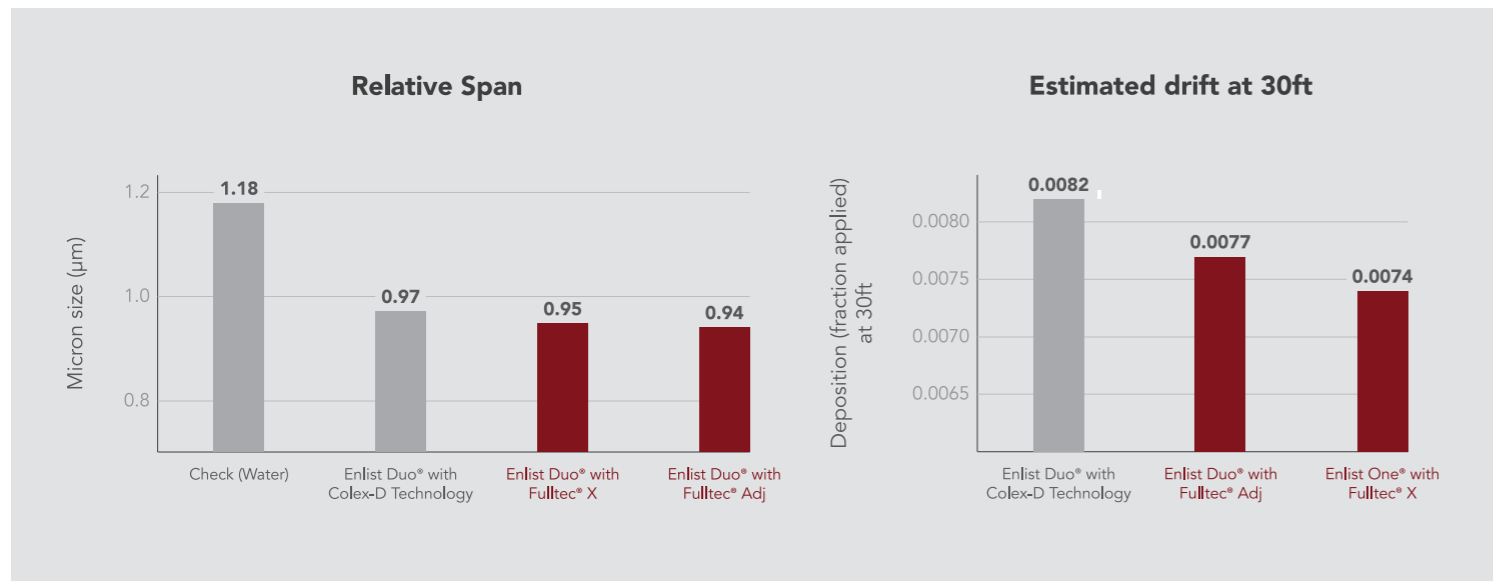


These products are for sale only in the registered states. Please ask Spraytec for a specific list of states where sale or distribution of this product is permitted.

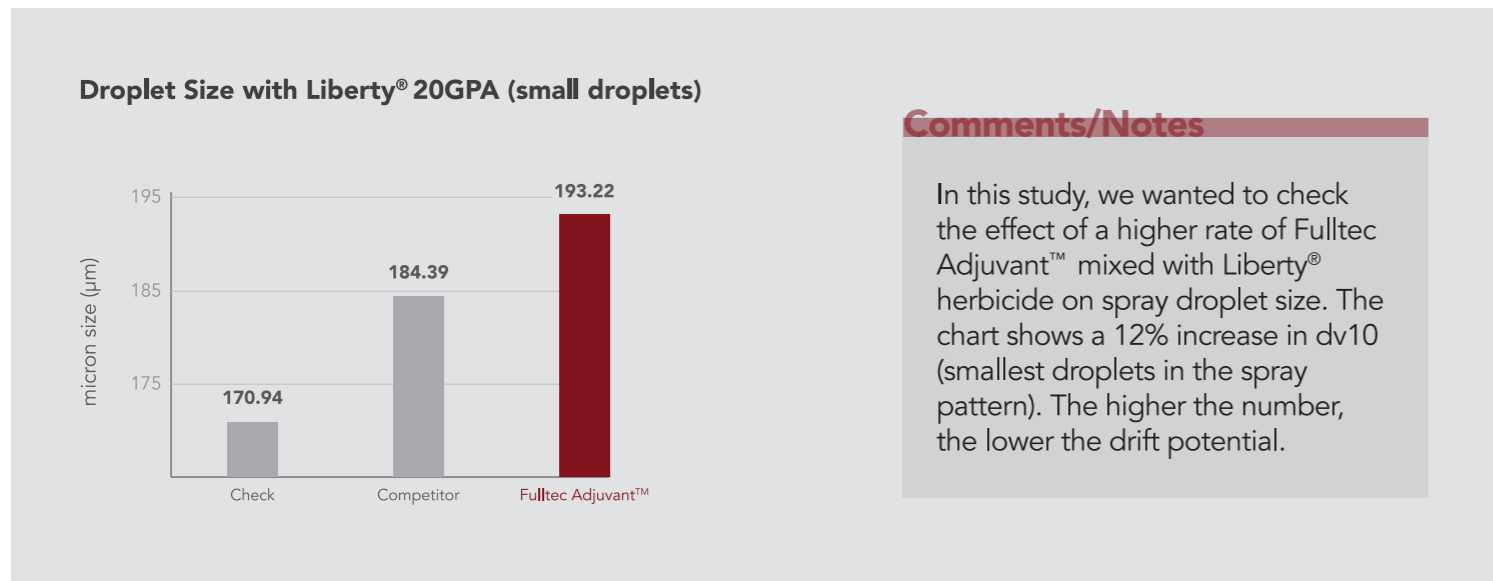




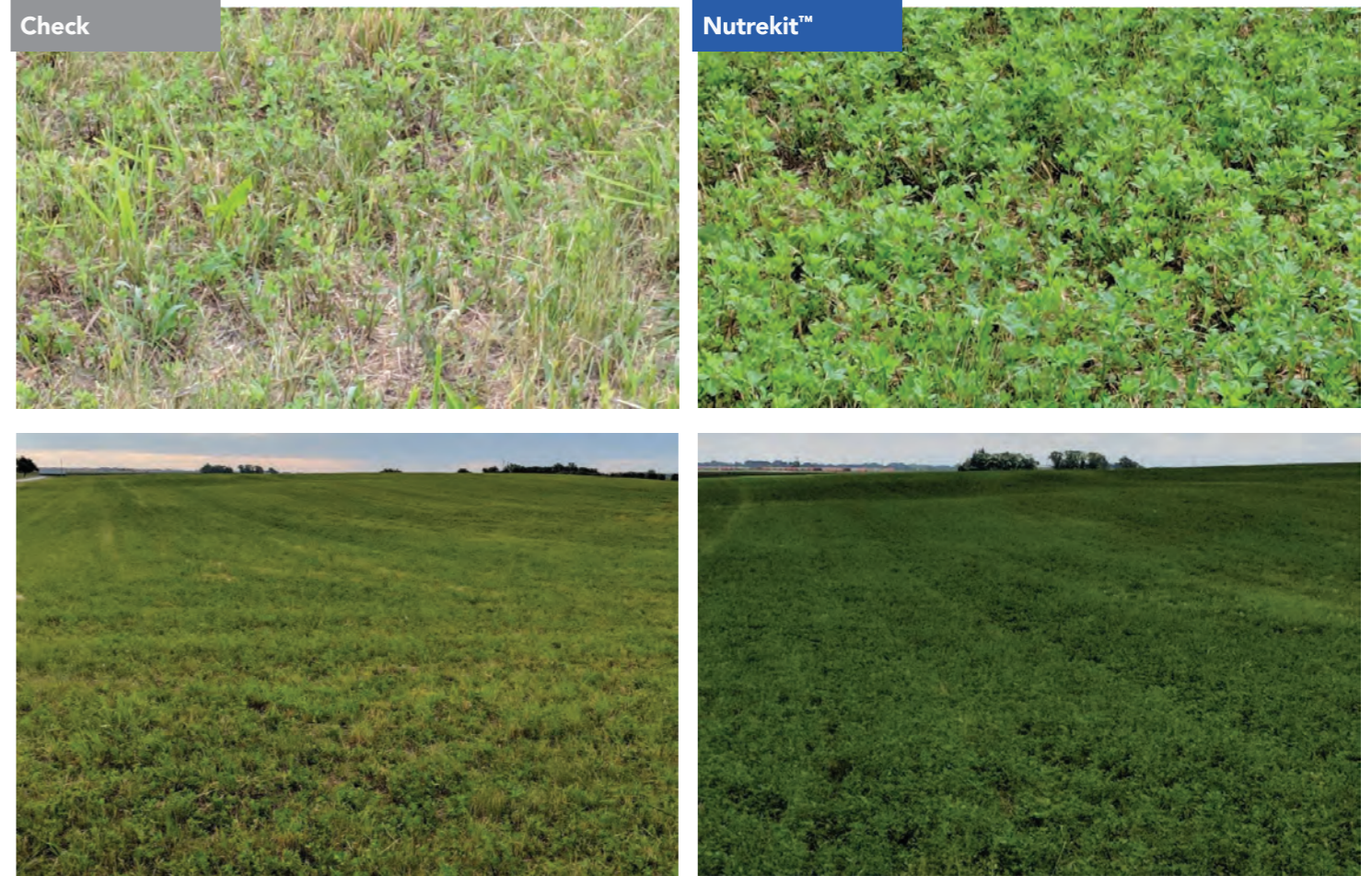
2022 trials - University of Nebraska, West central Research and Extension Center, North Platte, Nebraska. Fulltec Adjuvant 15 oz/100 GAL. Low speed wind tunnel; AIXR11004 Nozzle at 40 psi.



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.



2019-2021 trials - Spraytec R&D. Nutrekit 10 oz/acre + Fulltec Zinc 5.0 oz/acre 15 days after cut



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

Foliar product Study

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:



R1 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.

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:



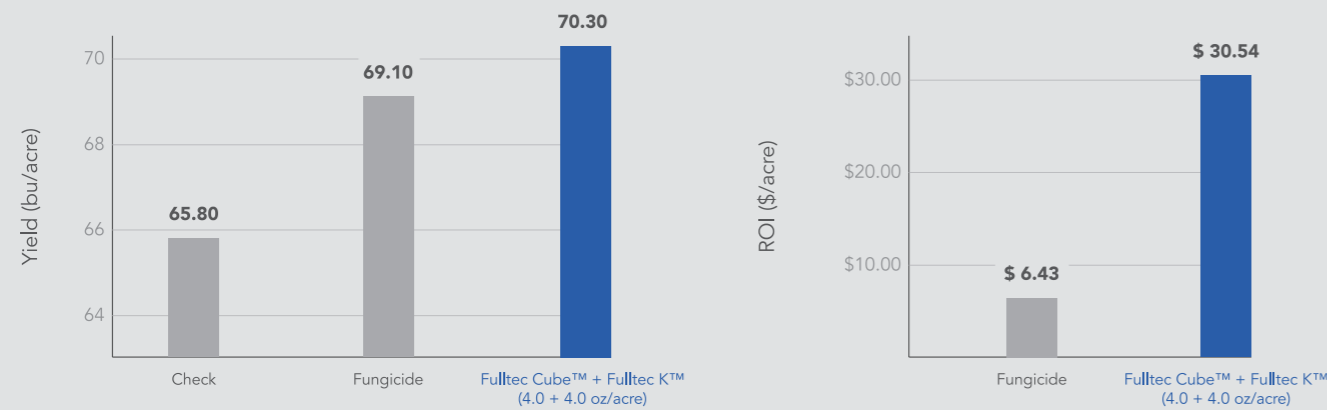
Fungicide Adjuvant Study - Corn

R1 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

Disease Management



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.

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:



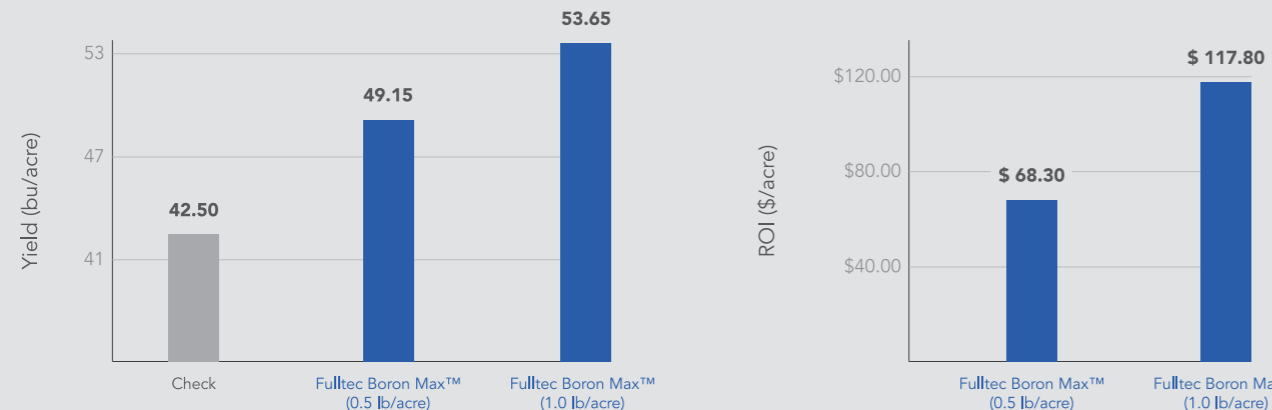
Fungicide Adjuvant Study - Beans

R1 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

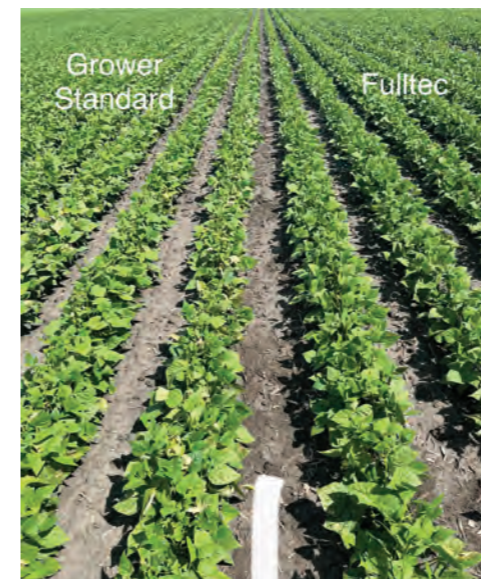
Soybeans \$13.39/Bu. These results are based on the disclosed study parameters and participating sites.

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

Boron Study



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.



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

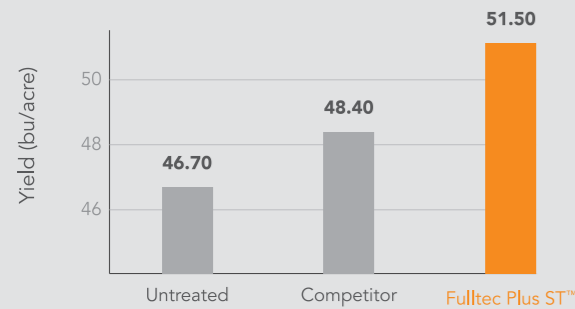
Competitor



Fulltec Plus ST™

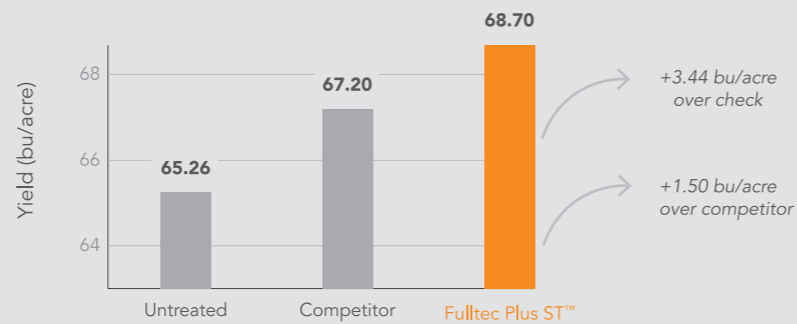


Seed Treatment



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

4 Year Average



2016-2021 trials - Shrishail Navi, Iowa State University, Ames, Iowa. Fulltec Plus 4.0 oz/100lbs @seed treatment.

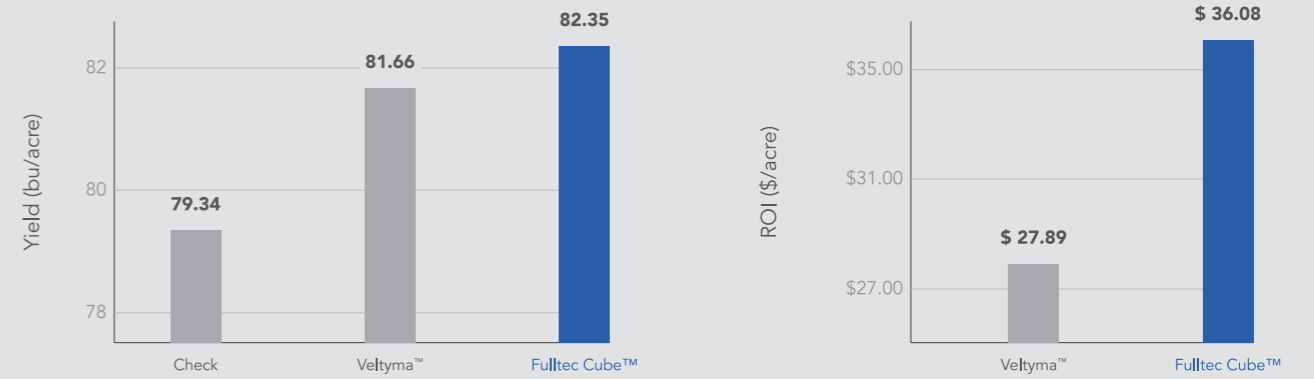
Competitor



Fulltec Plus ST™

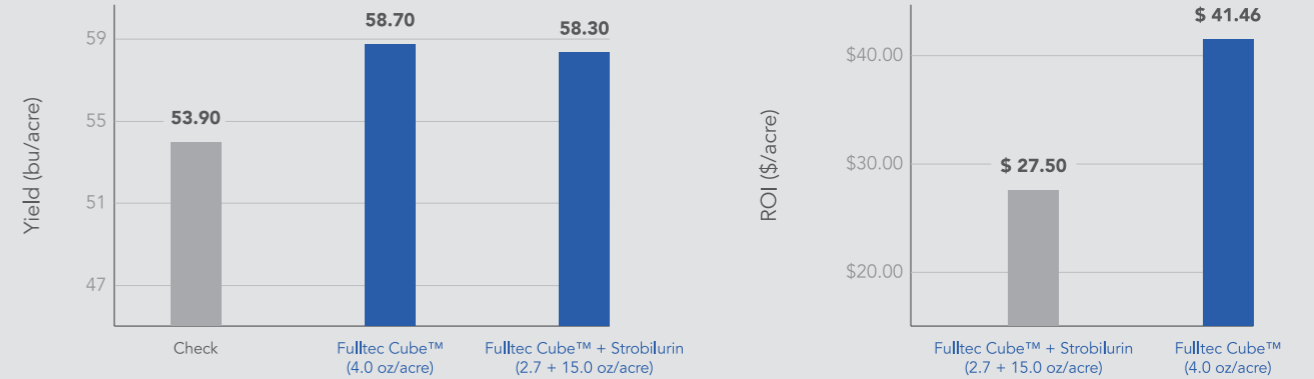
2020 trials - Two Rivers Cooperative, Pella, Iowa. Fulltec Plus 4.0 oz/100# of seed.

Disease Management - Beans



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

Fulltec Cube - Mixtures



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

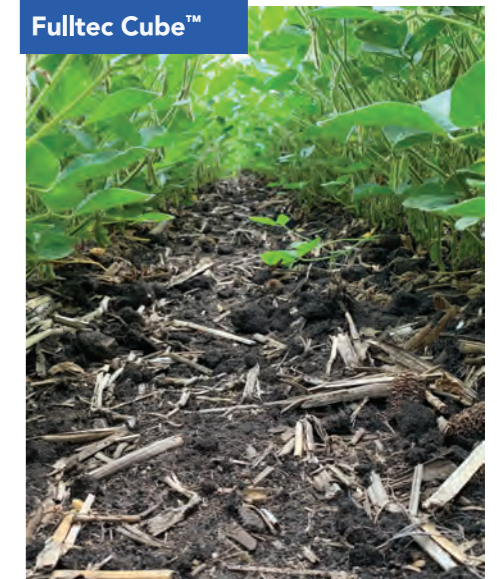
Check



Competitor

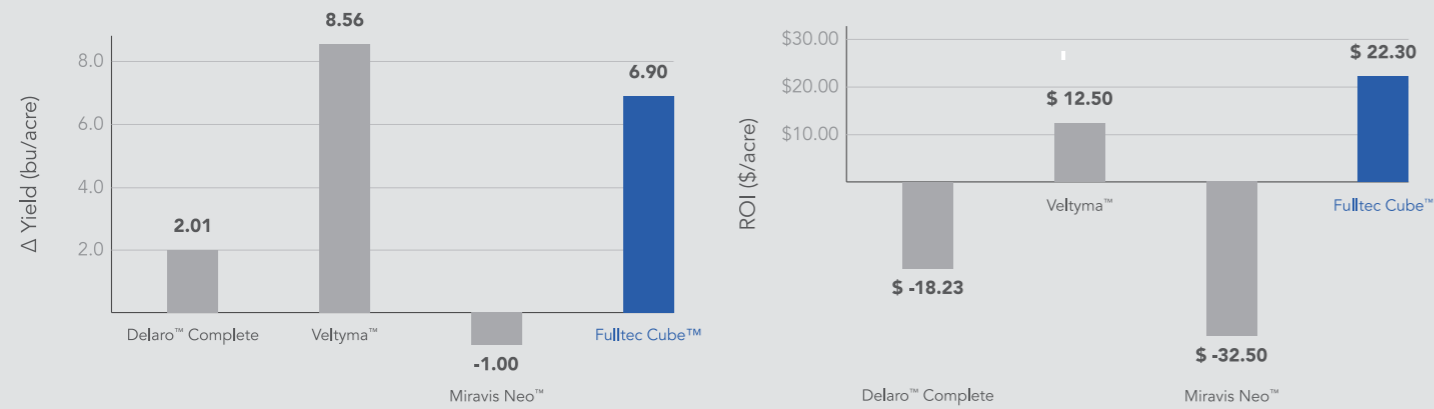


Fulltec Cube™



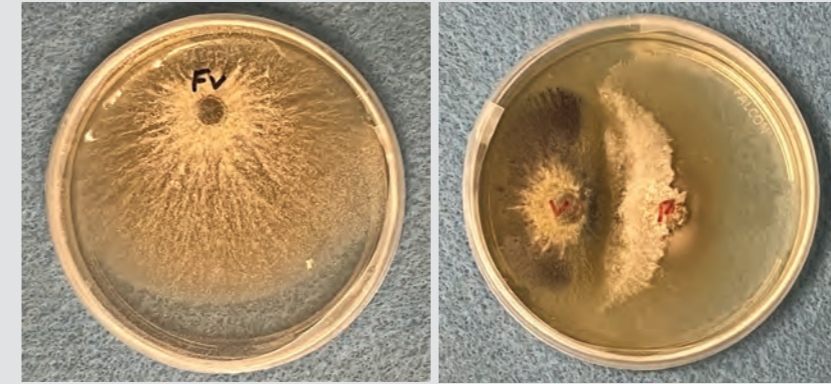
2020 trials - Precision Ag Research, Clarion, Iowa. Fulltec Cube 4.0 oz/acre (R1).

Disease Management - Corn



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.

Fusarium Control



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™.

2022 trials - Iowa State University, Ames, Iowa. Fulltec Plus ST 3.0 oz/100 lbs of seed.

Foliar product Study

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:



R1 TREATMENTS	PERCENT MOISTURE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT
Control: Fungicide (5 oz. Lucento®)	19.6	221.6	-	-
Fungicide + 2.7 oz. Fulltec Cube™	19.5	225.4	+3.8	+\$15.73
Fungicide + 1 pt. Brandt® Smart K B	19.8	224.9	+3.3	+\$15.18
Fungicide + 1 gal. Korrekt® (3-0-20)	19.8	224.0	+2.4	+6.81
Fungicide + 6.4 oz. OnWard Max	19.7	223.6	+2.0	+3.10

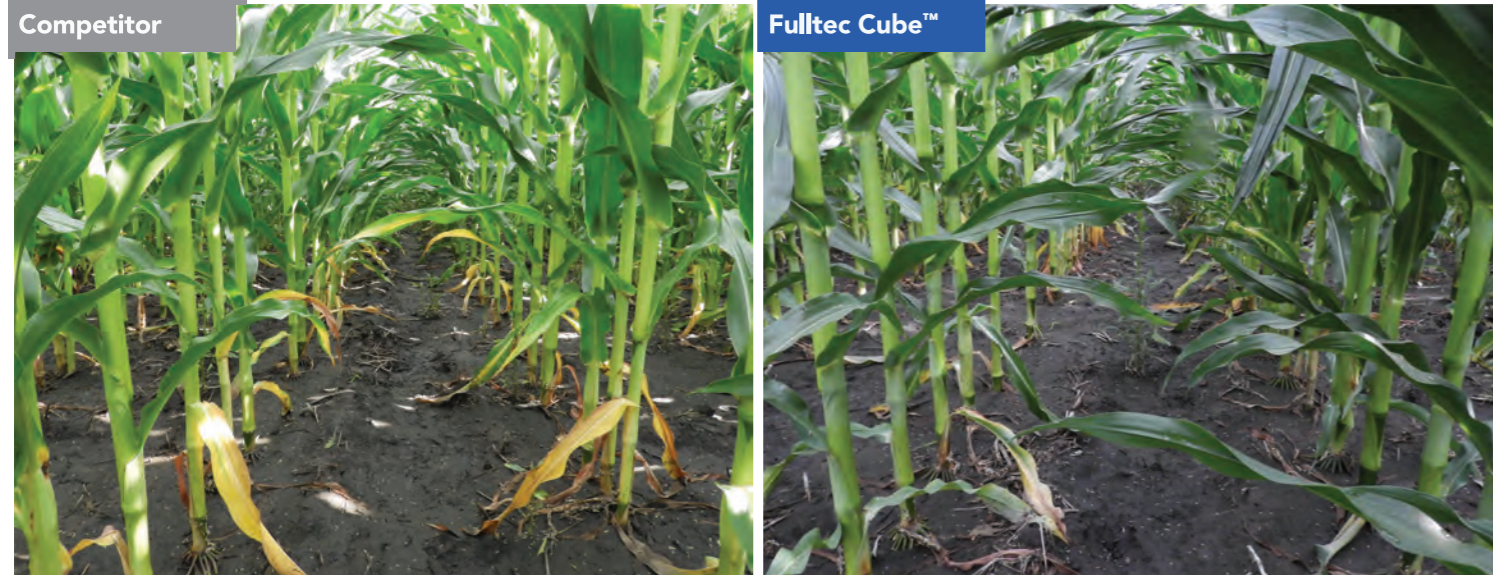
Corn \$5.69/Bu. These results are based on the disclosed study parameters and participating sites.

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

Soybean Sudden Death Syndrome



2022 trials - Iowa State University, Ames, Iowa. Fulltec Plus ST 3.0 oz/100 lbs of seed.



2023 trials - Iowa State University, Ames, Iowa. Fulltec Cube 4.0 oz/acre @R1.

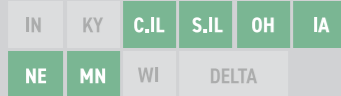
Seed Treatment Enhancers



2022 trials - IPCA, Independent Professional Seed Association, Crawfordsville, Iowa. Check: CruiserMaxx Vibrance @ 1.5 fl oz/140K unit. Fulltec Plus ST 3.0 oz/100 lbs of seed.

Comments/Notes

This study was replicated in the following sites:



Study provided by:



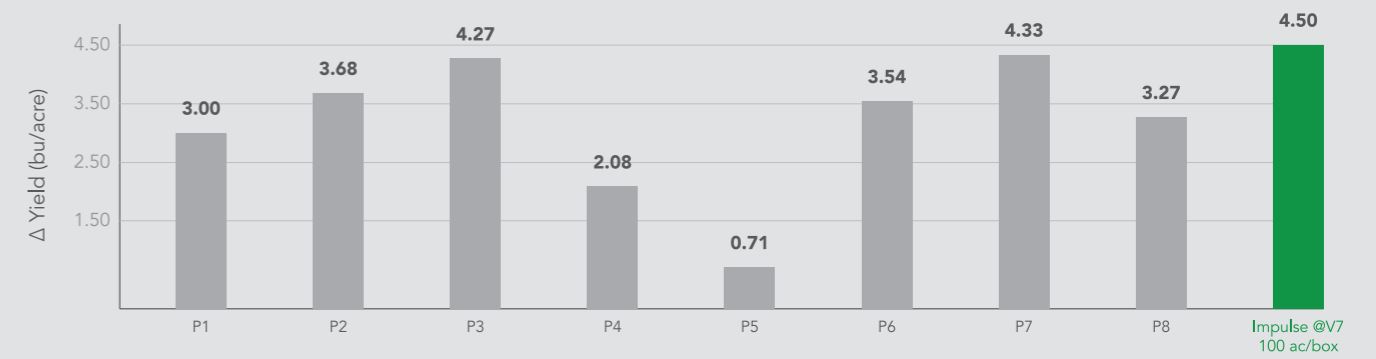
Foliar product Study - Beans

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.

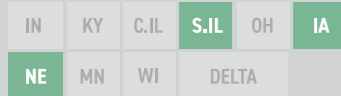
Fulltec Impulse 3-year Average Increase



2020 - 2022 trials - Ag Products Research, Multi-location IN and OH. Fulltec Impulse Beans 100 acres/box @V7.

Comments/Notes

This study was replicated in the following sites:



Study provided by:



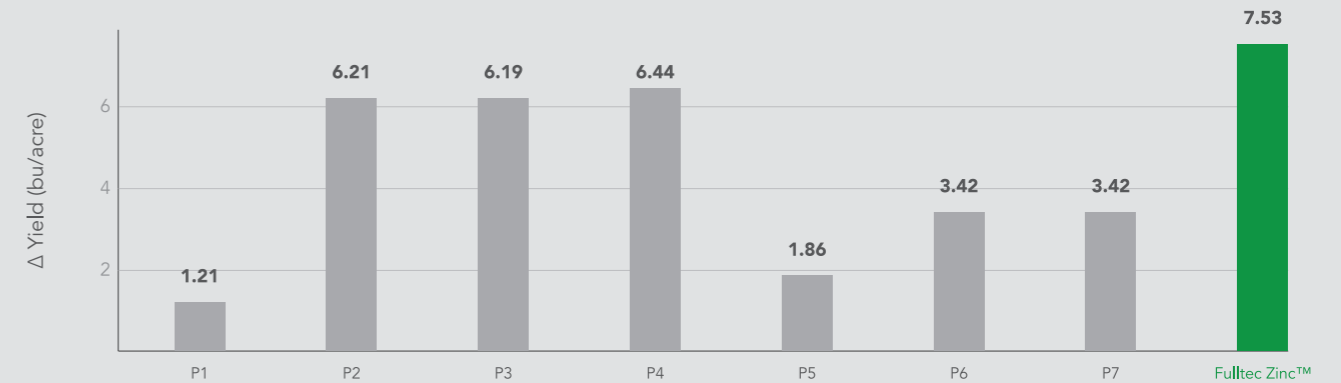
Foliar product Study - Corn

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.

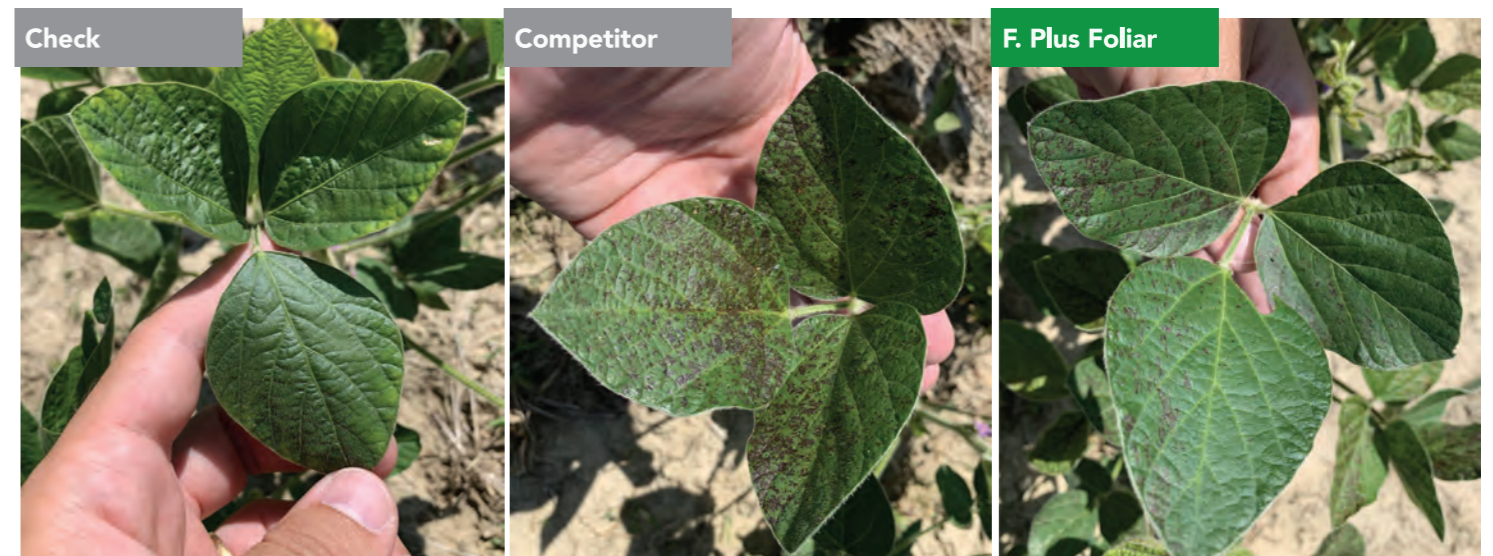
Zinc Based Products Study



2022 trials - Ag Products Research, OH. Fulltec Zinc 4.0 oz/acre @V5.



2022 trials - Spraytec Research and Development. Fulltec Impulse Corn and Beans 1 box/100 acres @V7.



2020 trials - Spraytec Research and Development. Fulltec Plus Foliar 4.0 oz/acre @V5.