

RESEARCH FOR RESULTS



CropTech 2016 Soybean Trials

OVERVIEW: This trial compares different combinations of seed treatments on soybeans against a check.
LOCATION: 4 Different locations – see charts on page 2.
VARIETY: Pfister 37RS01 02. Previous Crop = Corn at all locations.
PLANTING/HARVEST DATE: Varies – see charts on page 2.
POPULATION: Varies – see charts on page 2.
PRE-PLANT: Tillage varies – see charts on page 2.
ROW WIDTH: 30" all locations.

Treatment Plot Averages for all 4 locations			
Treatment	Moisture %	Yield (bu/a)	Yield (bu/a) compared to Control
Eclipse Red - fungicide	12	64.74	-0.15
Eclipse Trio - F/I	12	66.03	1.14
Acceleron - F/I	12	64.75	-0.14
Eclipse Trio + Mertect	12	67.49	2.60
Eclipse Trio + ILeVo	12	66.24	1.35
Etrio+Nforce+Nhibit+Sprint	12	66.79	1.90
Etrio+Clariva	12	65.85	0.96
Etrio+Sprint+Nhibit	12	65.80	0.91
Etrio+Nforce	12	66.62	1.73
Etrio+Excalibur	12	66.22	1.33
Etrio+Optimize	12	67.42	2.53
Untreated	12	64.89	0
Untreated + GraphX	12	68.43	3.54
Untreated + Quick Roots	12	65.50	0.61
Etrio+Bioforge	12	66.14	1.25
Etrio+Buncha Bugs	12	66.56	1.67
Etrio+Soil Biotics - SB1	12	66.82	1.93
Etrio+Soil Biotics+4400 - SB2	12	65.43	0.54

Crop Tech Soybean Seed Treatment Trial Results Summary

SoilBiotics 1-Seed Treatment and 1-Seed Treatment/SB4400 were compared with an untreated control and fifteen other seed treatments on one soybean hybrid, Pfister 37RS01 02. Both treatments produced a modest yield increase over untreated and some other treatments on average from four trial sites.

“This was a really good growing year and it looks like yields from 2013 and 2014, where we are not seeing the bigger advantage yields with the good growing season. We are still seeing yield advantages but not like we do in years where we have more stresses like in the 2012 the drought year and 2015 where we had more stresses and bigger yield advantages with the treatments. The soybean we used this year also had very good SDS tolerance. We saw very little or NO SDS in all the plots.” Dave Simpson, CropTech.

	FIELD #1			FIELD #2			FIELD #3			FIELD #4		
	Farmer: Althoff Bros		Plant: 5/6 Harvest: 10/14	Farmer: Conrady Farms		Plant: 5/5 Harvest: 10/18	Farmer: Corrie Farms		Plant: 4/27 Harvest: 10/11	Farmer: Keller Farms		Plant: 5/21 Harvest: 10/11
	Plainville, IL Adams County		Pop.: 145,000	Hettick, IL Macoupin County		Pop.: 150,000	Rushville, IL Schuyler County		Pop.: 150,000	Quincy, IL Adams County		Pop.: 75,000
Treatment	Moisture %	Yield (bu/a)	Tillage: Field cultivator	Moisture %	Yield (bu/a)	Tillage: Field cultivator	Moisture %	Yield (bu/a)	No-Till	Moisture %	Yield (bu/a)	No-Till
Eclipse Red - fungicide	11.6	60.92		11.0	67.38		12.0	71.11		13.4	59.53	
Eclipse Trio - F/I	11.6	60.89		11.0	69.67		12.0	73.44		13.4	60.13	
Acceleron - F/I	11.6	59.18		11.0	67.66		12.0	72.04		13.4	60.13	
Eclipse Trio + Mertect	11.6	63.04		11.0	72.66		12.0	74.74		13.4	59.53	
Eclipse Trio + ILeVo	11.6	65.40		11.0	69.94		12.0	70.09		13.4	59.53	
Etrio+Nforce+Nhibit+Sprint	11.6	63.35		11.0	69.23		12.0	71.76		13.4	62.82	
Etrio+Clariva	11.6	63.94		11.0	69.39		12.0	70.55		13.4	59.53	
Etrio+Sprint+Nhibit	11.6	60.76		11.0	71.48		12.0	70.83		13.4	60.13	
Etrio+Nforce	11.6	63.89		11.0	70.42		12.0	70.44		13.4	61.74	
Etrio+Excalibur	11.6	64.10		11.0	68.96		12.0	68.99		13.4	62.82	
Etrio+Optimize	11.6	66.80		11.0	72.86		12.0	69.90		13.4	60.13	
Untreated	11.6	62.45		11.0	68.11		12.0	70.46		13.4	58.52	
Etrio+Graphex	11.6	62.61		11.0	76.78		12.0	72.04		13.4	62.28	
Etrio+Quick Roots	11.6	60.27		11.0	71.40		12.0	68.57		13.4	61.74	
Etrio+Bioforge	11.6	60.56		11.0	70.93		12.0	71.85		13.4	61.21	
Etrio+Buncha Bugs	11.6	61.15		11.0	69.98		12.0	71.76		13.4	63.35	
Etrio+Soil Biotics - SB1	11.6	63.95		11.0	71.13		12.0	69.90		13.4	62.28	
Etrio+Soil Biotics+4400 - SB2	12.0	64.05		11.0	71.60		12.0	71.30		13.4	54.76	



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