

STOCKOSORB®

Water management for
improved pepper yield



Trial conducted at Wiers Turner Farms, LLS, Sarasota, FL

TRIAL DATE: 2008

CROP: Commercial Peppers,
Tom Cats, Allegience, 7588, 2641

SOIL: Sandy Loam

Benefits realized using STOCKOSORB®

- Increased yield by 15%
- Reduced irrigation frequency
- Shortened maturation time for harvesting
- Increased return on investment

STOCKOSORB®
water + soil management

Technical information

Advanced Hydrogel Technology Trial

Crops: Commercial Peppers, Tom Cats, Allegience, 7588, 2641
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Application Rates

STOCKOSORB® 660 was applied at a rate of 20 pounds per acre of treated soil, incorporated into the top 6 inches of soil.

Irrigation Rates

Furrow irrigation gravity fed through bed middles.

Fertilization

(lbs./acre) N-220; P-90; K-450

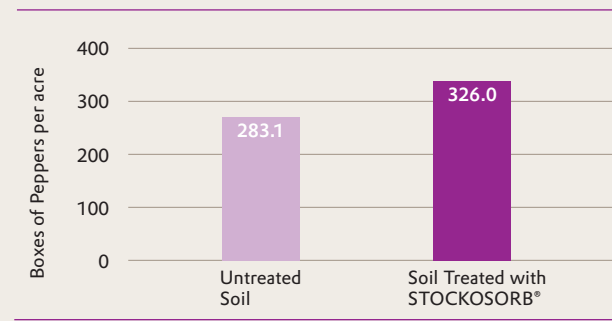
Pepper Crop Yields (Taken in 10' row samples and hand graded)

	Large	Jumbos	Total
Untreated	119.8	163.3	283.1
Treated with STOCKOSORB®	81	245	326
Increase/(Decrease)	(32%)	50.03%	15.15%

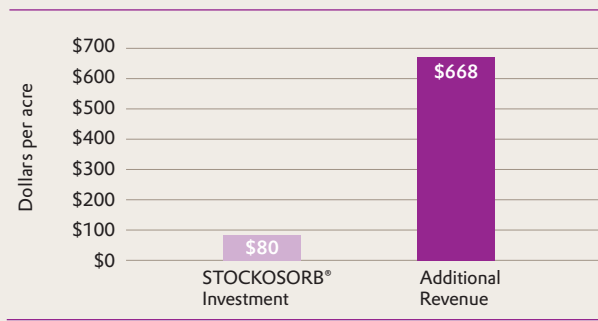
Pepper Crop Value

	Large	Jumbos	Total
Untreated	\$719	\$1,960	\$2,678
Treated with STOCKOSORB®	\$486	\$2,940	\$3,426
Increase/(Decrease)	(32%)	50.03%	27.91%

Pepper Yield (boxes) using STOCKOSORB®



Return on investment using STOCKOSORB®



Conclusion

At the time of this study, STOCKOSORB® retailed for an estimated user price of \$4 per lb. At a broadcast rate of 20 lbs. per acre, a grower would invest \$80 per acre. Given the wholesale price of peppers (at the time of this study) of \$6 per box (large) and \$12 per box (jumbo), this is a return of **\$668 per acre** (additional gross revenue – \$748, minus STOCKOSORB® investment – \$80).

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