

STOCKOSORB®

Water management for
improved watermelon yield



Trial conducted on Florida Watermelon Farm

TRIAL DATE: 2008

CROP: Abbott & Cobb 7177 Watermelon

Benefits realized using STOCKOSORB®

- Increased yield of over 35%
- Reduced irrigation frequency
- Stronger roots and increased plant vigor
- Shorter maturation times

STOCKOSORB®
water + soil management

Technical information

Advanced Hydrogel Technology Trial

Crops: Abbott & Cobb 7177 Watermelons

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Application Rates

STOCKOSORB® 660 was applied at the rate of 10 lbs. per acre and was incorporated into the top six inches of soil.

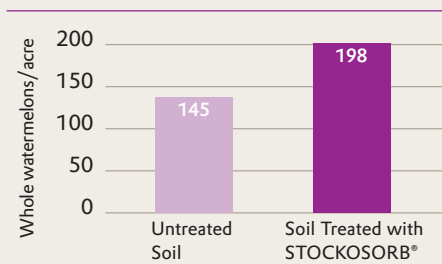
Irrigation Rates

Trial used furrow irrigation, gravity fed, through bed middles.

Watermelon Crop Yields (taken in 30' bed samples; 2,800 row feet per acre)

	Whole Watermelons		Pounds of cut watermelon (Average: 17 lbs. per melon)	
	Untreated	Treated with STOCKOSORB®	Untreated	Treated with STOCKOSORB®
Sample 1	11	13	187	221
Sample 2	8	11	136	187
Sample 3	9	14	153	238
Mean/Sample	9.3	12.7	158.7	215.3
Mean/Acre	145.1	198.1	2475.7	3358.7
% Increase	N/A	36%	N/A	36%

Watermelon yield using STOCKOSORB®



Control Group - Untreated Soil



Soil treated with STOCKOSORB®



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