

# STOCKOSORB® Advanced Hydrogel Technology

## Water and Nutrient Management



### The Benefits of STOCKOSORB®

By applying industry-leading expertise to horticulture, landscaping operations and agriculture, STOCKOSORB® can show you how to decrease costs, increase margins and decrease irrigation requirements. Our superior products and customer service coupled with unparalleled technical support and on-the-ground consulting services is the perfect match for businesses of all sizes. Stockosorb® field and laboratory proven polymers have been shown effective in retaining many times their mass in water. With STOCKOSORB® you can not only improve plant growth and yield, but also provide consistent soil moisture, and ultimately increase ROI.

### STOCKOSORB® Manufactured by Evonik

Evonik Corporation, the ISO 14001 registered manufacturer of STOCKOSORB® has led the way in superabsorbent polymer technologies for more than 30 years. As such, Evonik is committed to remaining on the cutting edge of development in the industry. As the world leader in the superabsorbent polymers market Evonik understands the importance of manufacturing products that are developed exclusive to their areas of application. That's why STOCKOSORB® products have been developed specifically for the horticulture industry. With state-of-the-art facilities in the United States, Evonik prides itself on offering superior products matched with the industry's most outstanding customer service.

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## Why Use STOCKOSORB®?



### Soil

- Increases water handling capacity of soils
- Increases filtration rate and decreases water runoff
- Promotes rewetting of soils and substrates
- Reduces soil erosion and fertilizer leaching

### Plants

- Improves plant survival rate
- Promotes plant development and uniform growth
- Extends shelf life of plants for increased sales
- Enhances root growth

### Costs and Environment

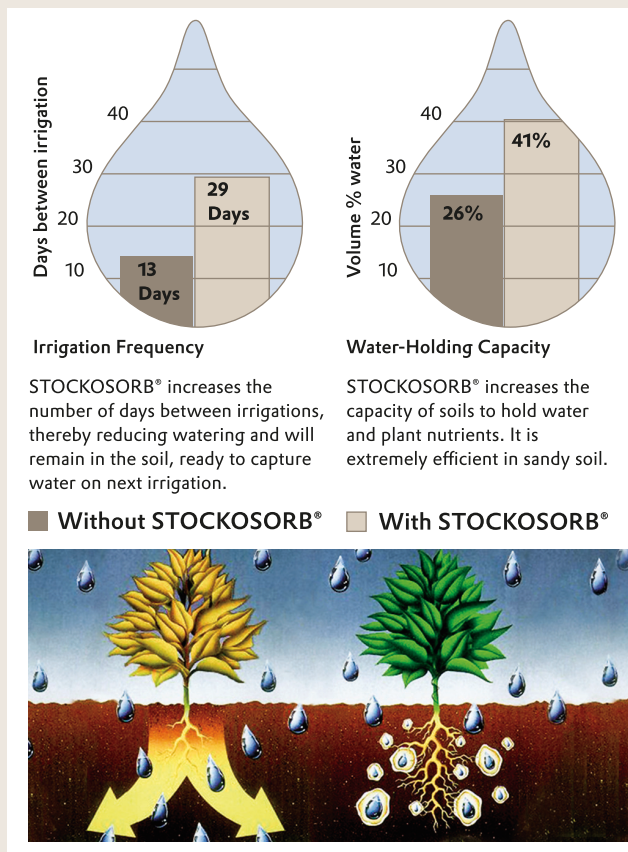
- Reduces irrigation frequency
- Reduces labor costs associated with maintenance and irrigation
- Long-lasting performance even under soil pressure
- Improves the fulfillment of ornamental warranties
- Decreases plant mortality

### Fields of Applications

- Commercial horticulture
- Landscaping and reforestation
- Sod and seeding of grass
- Soil rehabilitation
- Nurseries and production plants
- Plant transportation and storage
- Inner-city ornamentals and barriers
- Interior scapes

## STOCKOSORB® Improves Water-Handling Capacity and Reduces Frequency of Irrigation

Trials prove the effectiveness of STOCKOSORB® in horticultural applications to increase the capacity of soil to retain water, thereby reducing the frequency of irrigation required.



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