

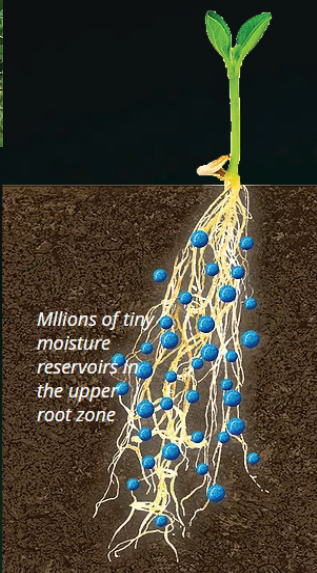
INNOVATIVE & REVOLUTIONARY!

AquaVantage®

Makes Every Drop Count



Transplants, Resets
and
Broad Acre Crops



SUPERABSORBENT HYDROGEL

AVAILABLE ANY SIZE APPLICATION:

- IN-FURROW GRANULES
- POWDER-COAT FOR SEEDS

DEALER INQUIRIES WELCOME

Dweaver@SunnGlobal.com

U.S. 1-717-298-0856

MANUFACTURER-DIRECT PRICING

With AquaVantage® Hydrogel, crops & plants require up to

50% LESS WATER



BOOST PLANT HEALTH - IMPROVE YIELDS!

Formulated to provide increased benefits for an entire growing season across vegetable production & broad-acre cash crop applications.

- Quicker Germination and Plant Emergence
- Heat & Drought Tolerant
- Natural, Bio-based, Non-Toxic & Eco Friendly
- Promotes More Vigorous Root Systems
- More Uniform Plant Stand Establishment
- More food production, Using Fewer Resources
- Greater Yield Security During Heat & Drought
- Excellent ROI Opportunity - HELPING FARMERS GROW

AquaVantage® Absorbs - Holds & Releases 95% of its Reservoir Moisture to Plant Roots.

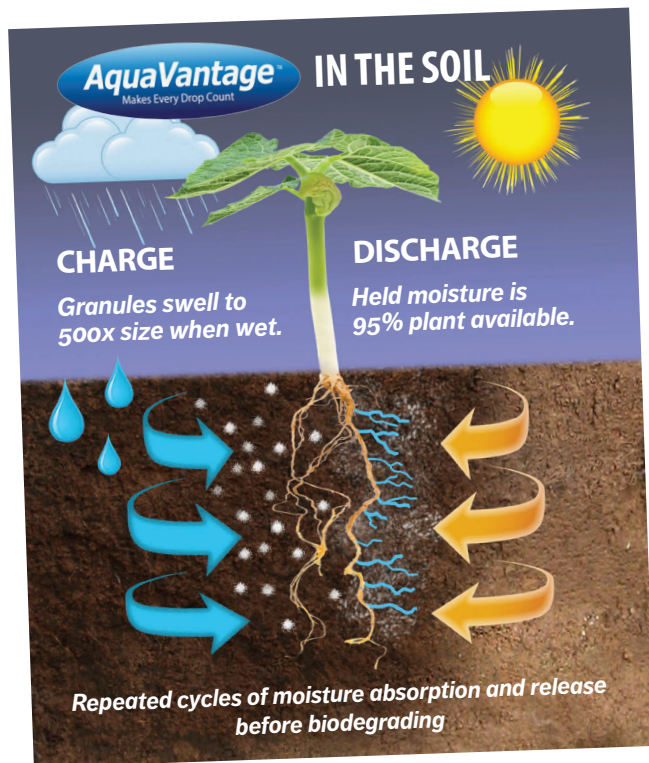


Bio-Degradable
Natural
Starch-Based
Polymerized
Molecules Hold
500X Their
Weight

www.SunnGlobal.com

AquaVantage® superabsorbent

Formulated from natural cornstarch. During manufacturing, the molecular structure of the cornstarch is tweaked in order to give AquaVantage its great ability to store and release water.



What is AquaVantage® and How does it work?

Q. In a nutshell, how can I describe AquaVantage?

A. AquaVantage is a patented soil amendment that improves seed germination and emergence to give plants an early, healthy start. AquaVantage granules absorb more than 500 times their original weight in water and water-soluble nutrients present in the soil, forming hydrogels that slowly release the held moisture as plants need it. It's a versatile product that can be used in seed furrows, at transplanting and as an anti-crustant.

Q. Does AquaVantage physically change the amount of water a plant needs for optimum growth?

A. Plants require a specific amount of water for optimal growth. AquaVantage doesn't change that amount, but it does manage water more efficiently. Instead of water being dispersed into the soil or evaporating, it is absorbed by AquaVantage and held for the plant to use as needed. This "bound water" more effectively and efficiently nourishes the plant.

Q. Does AquaVantage change the nature of the moisture it absorbs?

A. No, AquaVantage triggers no chemical reactions. AquaVantage merely absorbs moisture and any water-soluble nutrients it contains, and remains suspended in the plant root zone, storing the moisture and nutrients in plant-available form.

Q. Can I mix fertilizer with AquaVantage?

A. Yes. By combining AquaVantage and nutrients, your plants have the best advantage both food and water.

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Q. Will increased moisture near the root structure cause root rot?

A. AquaVantage granules will expand to many times their original volume, then contract and repeatedly expand based on the water available. This action forces soil particles apart, increasing aeration, the key element required to prevent root rot. Once the granules reach their maximum absorption, excess water is allowed to move deeper into the soil profile. This combination of ideal water availability and good aeration promotes faster plant growth and minimizes the potential for root rot.

Q. Will my customers always notice a difference in plant growth by using AquaVantage?

A. During most growing seasons, fields treated with AquaVantage will show a definite advantage in seedling emergence, seedling vigor and crop development. However, when environmental conditions are ideal for crop development and growth, AquaVantage results may not be markedly different from untreated fields.

Q. How do AquaVantage seed furrow treatments help increase uniformity in crop maturity across the field?

A. By applying AquaVantage in seed furrows at planting, the germinating seed and seedlings have a constant supply of moisture and nutrients available for a more complete, consistent germination and seedling emergence. AquaVantage removes variances caused by dry spots in the field for more uniform stands and crop development.

Q. What are the key benefits of AquaVantage as an anti-crustant?

A. AquaVantage keeps the soil surface moist and minimizes crusting by creating small fissures in the soil as granules absorb and release moisture. This allows more seedlings to penetrate the surface and become established.

Q. How does AquaVantage benefit transplanted plants?

A. When AquaVantage is applied in the transplant water, plants have a consistent source of moisture leading to less water stress, better survival rate and greater plant root and biomass development for higher yields.

Q. Is AquaVantage suitable for only one type of soil?

A. No, AquaVantage provides benefits to all soil types. Soil particles in sandy soils are relatively large and have poor water-holding capability. AquaVantage holds water, preventing it from moving past plant roots where it is needed most. Clay soils, which are more compacted, benefit from the increased aeration created as AquaVantage expands and contracts, which increases oxygen levels and water percolation.

Q. Is AquaVantage safe for food crops?

A. Yes! AquaVantage is a natural starch-based formulation. It is non-toxic, biodegradable, pH-neutral and safe for any plant. Synthetic polymers, on the other hand, typically contain significant amounts of sodium, petroleum and other fillers, which can be detrimental to food crops. Because it is starch-based, AquaVantage particles are an attractive food source for soil microorganisms. Over time, the microbes consume the AquaVantage, creating a richer soil environment.