



HIQ500K QUALITY INDEX



Hi-Q 500 K is a quality index that has been developed by Smithers-Oasis that all Oasis® Grower Products must conform to. It is a high quality standard that has been developed from over 500,000 quality tests on Oasis® Grower Products in the past 10 years. This quality index assures the grower of the highest possible quality standards that result in dependable performance of all Oasis® Grower products.

This index covers a wide variety of different quality measurements that culminate in specifications designed for optimum performance and reliability including:

Saturation time- an expression of the products ease of initial wetting and re-wetting.

pH - a logarithmic number that expresses the degree of acidity or alkalinity.

EC - short form for Electrical Conductivity that measures the total soluble salts and provides an indication of nutrients available.

Density - the weight of the product in a given volume both wet and dry. This impacts the drainage level of the product.

Dimensions - all product must be dimensionally correct.

Cell Strength - cell strength is measured to determine the ease of root penetration.

Fit & Finish - all products are examined for how well parts of the product fit together and the visual qualities of the parts that could impact performance or ease of handling.

Packaging - All packaging is inspected for suitability for shipping, cleanliness, damage and identification of the lot, run, and date of production.

In addition to these qualities, all components of the products are subject to rigorous raw material quality controls.

Quality control has always been high for OASIS® Grower Products, but now is even higher, creating a new standard for the industry. Products that conform to the highest quality specifications in the industry, developed from over 10 years of testing, will be sealed with a printed tape containing the **Hi-Q 500K** logo as the last step in our production process. This program began with all product produced after May 1, 1999.