

# Why Choose OASIS® AeroSubstrates™ Over OASIS® Horticubes®?

Many Controlled Environment Agriculture (CEA) growers launched their hydroponic operations and learned to grow with OASIS® Horticubes® and OASIS® Horticubes® XL engineered hydroponic media.

Through learning curves and industry ups-and-downs, you've learned to count on OASIS® Horticubes® to bring stability and results to your greenhouse or indoor farm.

So we understand your reluctance when we encourage you to [Reach Higher with OASIS® AeroSubstrates™](#), the next generation of the hydroponic media you've come to trust.

**Why Choose OASIS® AeroSubstrates™?** We hear that question a lot. With all sincerity, our answer is simple: OASIS® AeroSubstrates™ are superior to OASIS® Horticubes® in performance and results.

## Grower-Driven Innovation and Advancement

It's been four years now since OASIS® AeroMax™ PlugSheet hit the market as the first substrate in the OASIS® AeroSubstrates™ line. Since then, it's been joined by OASIS® AeroSelect™ PlugSheet, as well as automation-ready, singulated plug versions: OASIS® AeroMax™ PlugTray and OASIS® AeroSelect™ PlugTray.

Developed in response to demonstrated needs of hydroponic growers, these substrate innovations solve problems that OASIS® Horticubes® and OASIS® Horticubes® XL don't – and they're more durable and resilient.

Inspired by the best attributes of these CEA staples, our research team reached higher to create a new generation of substrate technology. A technology to provide CEA growers with [real-world substrate solutions](#) that speak to your specific crops, climates, growing environments, sustainability goals – and future.

When we suggest you switch to OASIS® AeroSubstrates™, our goal is as simple as our reason why: We want to see your operation compete efficiently, sustainably and profitably as the CEA industry matures. We believe our next-generation OASIS® AeroSubstrates™ can help.

## OASIS® AeroSubstrates™ vs. OASIS® Horticubes®

### OASIS® AeroSubstrates™

- 10-25% higher young plant weight at transplant (day 14 after seeding)
- significantly higher yields at finish
- 1 to 3 days shorter crop cycle
- 1 extra crop cycle per year

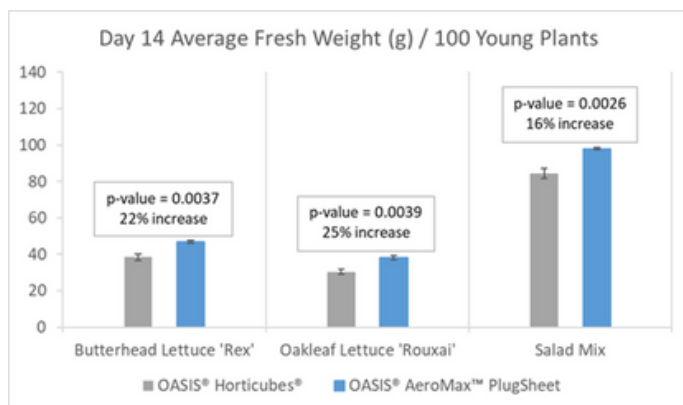
**As the next generation of OASIS® Horticubes®,** OASIS® AeroMax™ substrate is ideal for crops and conditions with lower water demand. This substrate targets higher latitudes, temperate climates, and indoor cultivation. Maximized air porosity and a drier substrate surface minimize algae formation, too.

OASIS® AeroSelect™ substrate represents **an evolution from OASIS® Horticubes® XL**. This next-gen substrate answers the call of conditions and crops (including spinach) with higher water demand or warmer seasonal or year-round climates with optimized water-holding capacity and air porosity.

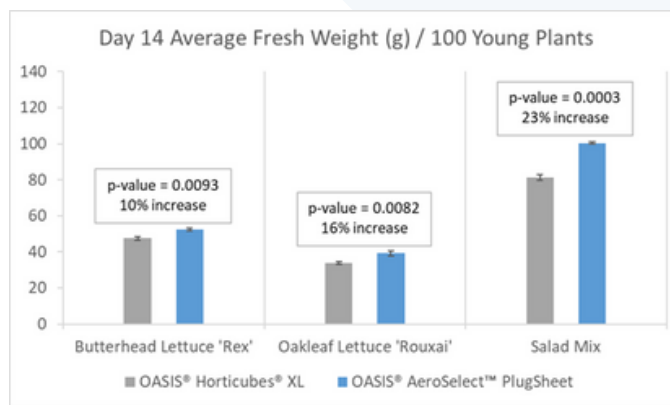


When OASIS® AeroSubstrates™ go head-to-head with the OASIS® Horticultures® line, there's a clear winner: OASIS® AeroSubstrates™, designed to help you meet the future, not prolong the past.

In performance evaluations at our Research, Innovation & Development (RI&D) facility in Kent, Ohio, USA, lettuce told the story. OASIS® AeroMax™ and OASIS® AeroSelect™ promoted **more uniform germination, more fibrous root development, and more shoot growth** compared to their respective predecessors. The choice is clear.



OASIS® Horticultures vs. OASIS® AeroMax™ PlugSheet



OASIS® Horticultures® XL vs. OASIS® AeroSelect™ PlugSheet

## Precision Hydroponics Within Reach

We'd be remiss if we didn't remind you of some of the other ways that OASIS® AeroMax™ and OASIS® AeroSelect™ substrates outperform their predecessors and competitors. These labor-saving substrates support cleaner, safer, more efficient cultivation from seeding to harvest in the following ways and more:



- **OASIS® AeroSubstrates™ ship dry and inert.** This benefits you in three ways: Lower shipping costs, easier storage, and total flexibility for crop steering and precision nutrient regimens.
- **OASIS® AeroSubstrates™ ship clean and stay clean.** Our production process includes two kill steps, and the very low water activity on the finished product does not support any human or plant pathogenic growth when stored as recommended. These minimize food safety concerns. Our SOPs include thorough inspection of shipping containers to prevent contamination risks.
- **OASIS® AeroSubstrates™ are a sustainable choice.** An independent third-party [Carbon Footprint Assessment](#) confirmed it: The **cradle-to-grave** CO<sub>2</sub> equivalent emissions of OASIS® AeroMax® were 43.5 times lower than pressed peat and 12.5 times lower than our own peat-based stabilized plug.

Like the OASIS® Horticultures® you've grown to know and trust, you can count on OASIS® AeroSubstrates™ for stable and reliable availability, consistent quality batch after batch, and ready-on-demand labor savings for automated and manual operations alike. And it's all backed by unparalleled service from a team of experts who care about your success.

So reach out to your Territory Sales Manager or contact us at [info@oasisgrower.com](mailto:info@oasisgrower.com) or +1 (855) 585-4769.

**We're Oasis Grower Solutions. Lean into us and reach higher with OASIS® AeroSubstrates™.**