



10 Reasons TO SWITCH TO

OASIS® AeroSubstrates™
The Ultimate Cultivation Experience



1 Engineered for precision hydroponic farmers worldwide

Next-generation CEA technologies developed in response to grower requests. Functional substrates enhance root zone precision so plants express their full growth potential.

2 Optimized for varied crop and environmental demands ✓

Root zone porosities target specific crop, climate and system needs, including year-round or seasonal water demands. No risk of overwatering with proper use.

3 Ready on demand for leaner production

Preloaded singulated PlugTrays and grower-ready PlugSheets — pre-dibbled for single or multi-seed, undibbled for microgreens. Save automated or manual operations time and labor.

5 Uniform germination, unrestricted root growth

Structurally stable, ultra-low substrate densities support uniform germination (even with finicky crops), rapid and easy root penetration, and unrestricted root growth for full potential.

7 Cleaner cultivation experience ✓

Clean, labor-saving substrate supports cleaner cultivation from seeding to extraction, transplant and harvest. No messy peat or organic materials — or coarse, itchy fibers.

9 Stable, dependable supply chain

Established, long-standing global presence and international manufacturing capacity ensures a stable, reliable supply chain for growers worldwide.

10 Up to 20% faster, more uniform crop growth ✓

Compared to their engineered foam predecessors, next-generation CEA substrates deliver up to 20% faster, more uniform young plant growth, driving better quality and shorter crop cycles.

4 Clean, food safe, free of pests

Food-safe substrates free of organic materials and pests, including plant- and food-borne pathogens. Complement food safety programs, minimize pest pressures, and reduce pest-related labor.

6 Simple, streamlined crop steering

Inert engineered substrate ships without a starter charge, for maximum grower flexibility and precision control in nutrient dosing based on crop type and needs.

8 Low carbon footprint alternative ✓

Next-generation technology confirmed by independent cradle-to-grave carbon footprint assessment to have carbon emission equivalents 43.5x lower than pressed peat.



OASIS® AeroMax™ (left) and OASIS® AeroSelect™ (right)



Ready for more reasons to switch to OASIS® AeroSubstrates™?

Reach out to us at +1 (855) 585-4769 or info@oasisgrower.com

OASIS® AeroSubstrates™ and all Oasis Grower Solutions products are backed by unparalleled, ongoing support from our Technical and Research, Innovation & Development (RI&D) teams.