



Lettuce

oasis® PLUGTRAY AeroMax™

Next-generation, automation-ready OASIS® AeroMax™ PlugTray is an engineered foam substrate designed to optimize hydroponic crop production in climates, conditions and systems with lower water demand. Developed specifically for precision hydroponics in controlled growing environments, OASIS® AeroMax™ PlugTrays are available in pre-dibbled 72ct, 105ct and 128ct single- and multi-seed trays.



Key Facts

- + Singulated substrate's matrix technology maximizes root zone airflow, optimizes drainage and discourages surface algae.
- + Ready-on-demand singulated substrate reduces labor, prevents root tangling during propagation, and eliminates transplant shock in automated and manual operations.
- + Ultra-low substrate density promotes uniform germination, rapid root penetration, and uniform young plant growth.
- + Labor-saving, preloaded media delivers structurally stable, uncompromised air-to-water ratio from seeding through production.
- + Food-safe substrate arrives clean and free of pests and pathogens, including plant and food-borne pathogens.
- + Suitable for overhead and sub-irrigation during propagation, as well as NFT (Nutrient Film Technique) and DWC (Deep Water Culture) systems. Not recommended for Dry-Hydroponics.

Propagation of Lettuce

OASIS® AeroMax™ PlugTray can be used for the propagation and production of a wide variety of lettuces. Growers have the option to choose from various configurations based on crop and production needs.

The following are examples of lettuce varieties propagated in OASIS® AeroMax™ PlugTray. Crops received 16-4-17 OASIS® Hydroponic Fertilizer at 125 ppm N with initial watering and from day 4 onward. From day 4 after seeding, the young plants were watered with nutrient solution every day, or as required, by overhead watering using a hose and a breaker. Refer to OASIS® AeroMax™ PlugTray Product Usage documents for complete instructions.



Green CrunchLeaf 'Cristabel'
(*Lactuca sativa*)

Day 16 after seeding in 105 count



Salanova® Green Batavia
(*Lactuca sativa*)

Day 16 after seeding in 105 count



Salanova® Red Butter
(*Lactuca sativa*)

Day 16 after seeding in 105 count



Salanova® Red Sweet Crisp
(*Lactuca sativa*)

Day 16 after seeding in 105 count



Red Oakleaf 'Rouxai'
(*Lactuca sativa*)

Day 16 after seeding in 105 count



Red Batavia 'Cherokee'
(*Lactuca sativa*)

Day 16 after seeding in 72 count



Romaine 'Tendita'
(*Lactuca sativa*)

Day 20 after seeding in 72 count



Salanova® Green Oakleaf
(*Lactuca sativa*)

Day 16 after seeding in 72 count



Salad Mix (Rouxai, Red Crisp, & Green Oakleaf)
(*Lactuca sativa*)

Day 14 after seeding in 72 count