

Available Tray Counts
72 / 105 / 128



OASIS®

PLUGTRAY

AeroMax™

Designed for Maximum Air Porosity in Precision Hydroponics

Automation-ready OASIS® AeroMax™ PlugTray is a next-generation singulated foam substrate developed for precision hydroponic farming in controlled growing environments. Engineered to maximize air-filled pore space, OASIS® AeroMax™ PlugTray optimizes substrate airflow and drainage, and rapid root zone nutrient refreshment. This substrate's ultra-low density encourages easy root penetration and uniform growth. The singulated substrate prevents root tangling during propagation, simplifies automated and manual transplant, and eliminates transplant shock. OASIS® AeroMax™ PlugTrays are available in pre-dibbled 72ct, 105ct and 128ct single- and multi-seed trays.



Applications

Ideal for hydroponic propagation and production of all leafy greens (except spinach) in mild to moderate growing climates and conditions with lower water demand. (OASIS® AeroSelect™ is recommended for better spinach germination rates.)

Ready on demand for automated or manual operations

Suits crops and conditions with lower water demand

Maximum porosity for increased airflow and drainage

Drier substrate surface circumvents algae growth

Clean, food safe, free of pests and pathogens

Features & Benefits

- + Singulated substrate's unique open matrix technology maximizes substrate porosity, discouraging surface algae while optimizing drainage and root zone oxygen.
- + Preloaded, ready-on-demand singulated substrate reduces labor in automated and manual operations, prevents root breakage or damage at transplant, and eliminates transplant shock.
- + Reliable and consistent, structurally stable singulated media delivers uncompromised air-to-water ratio throughout propagation and production, for quality young plants.
- + Ultra-low density promotes uniform germination with easy, rapid root penetration and unrestricted seedling growth in automated or manual operations.
- + Inert substrate arrives clean and free of pests and pathogens, including plant and food-borne pathogens. Reduces disease pressure and maximizes precision nutrient dosing flexibility.
- + Suitable for both overhead and sub-irrigation during propagation, as well as NFT (Nutrient Film Technique) and DWC (Deep Water Culture) systems. Not recommended for Dry-Hydroponics.

Technical Specifications

Product Description: OASIS® AeroMax™ PlugTray is an engineered precision hydroponic growing media, free of any organic materials and produced from a resin commonly used in many household items. OASIS® AeroMax™ PlugTray is designed for precision crop production in climates, conditions and systems with lower water demand.

Note: OASIS® AeroMax™ PlugTray growing media arrives clean and dry, without a starter charge. The media should be fertilized with initial watering. Physical properties were established using NCSU Porometer on a 1.5" (3.81 cm) column height foam plug.

Properties	OASIS® AeroMax™ PlugTray
pH	5.0–5.8
EC (mS/cm)	0.2–0.4
Total Porosity (%)	95–99
Air Porosity (%)	10–15
Water Holding Capacity (%)	80–85
Bulk Density (kg/m³)	12–16
Initial Moisture Content (%)	0



Storage and Handling

Store product in original packaging in a cool, dry location out of direct sunlight. Stored properly, this product has a shelf life of 2 years from the manufacture date.



Food Safety

This food-safe product ships clean and free of pests and pathogens, complementing robust food safety programs.



Disposal

Though not biodegradable, this ultra-low-density substrate will degrade after disposal, reducing volume over time. Please check with your local waste disposal facility for end-of-life options.

Product Options

Item Code	Product Description	Dibble Type	Dibble Depth	Dibble Diameter	Dibble Spacing (L x W)	Plug Dimensions (L x W x H)
87-74721	72CT OASIS® AeroMax™ PlugTray	Singleseed	1.4 cm (9/16")	1 cm (3/8")	4.3 cm x 4.3 cm (1 7/10" x 1 7/10")	3 cm x 3 cm x 4 cm (1 1/5" x 1 1/5" x 1 3/5")
87-74722	72CT OASIS® AeroMax™ PlugTray	Multiseed	1 cm (3/8")			
87-74051	105CT OASIS® AeroMax™ PlugTray	Singleseed	1.4 cm (9/16")	1 cm (3/8")	3.42 cm x 3.69 cm (1 3/10" x 1 1/2")	2.65 cm x 2.65 cm x 4 cm (1 1/25" x 1 1/25" x 1 3/5")
87-74052	105CT OASIS® AeroMax™ PlugTray	Multiseed	1 cm (3/8")			
87-74281	128CT OASIS® AeroMax™ PlugTray	Singleseed	1.4 cm (9/16")	1 cm (3/8")	3.2 cm x 3.2 cm (1 1/4" x 1 1/4")	2.5 cm x 2.5 cm x 4 cm (1" x 1" x 1 3/5")
87-74282	128CT OASIS® AeroMax™ PlugTray	Multiseed	1 cm (3/8")			

NOTE: Units of sale are 28 trays per case/16 cases per pallet. If your operation would benefit from a configuration not shown here or you require customization, please contact your Technical Sales Representative.



Singleseed Dibble



Multiseed Dibble