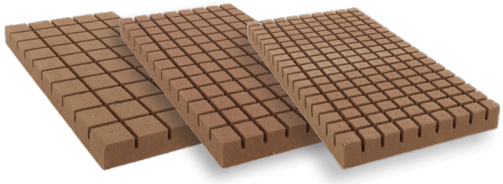
PRODUCT OVERVIEW

Available Sheet Counts

50 / 104 / 162



oasis® SHEET

Rootcubes®

Engineered for Rapid Cutting Hydration and Rooting

OASIS® Rootcubes® represents our first generation of engineered foam propagation media for vegetative cuttings. Designed for optimal callus and root development, this legacy sheet substrate helps ensure clones start strong with rapid rehydration and root development, and consistent, uniform growth. Clean and free of pests and pathogens, OASIS® Rootcubes® reduces pest and disease pressures, even in problematic plants.

If you like OASIS® Rootcubes®, we encourage you to step up to our next-generation engineered sheet substrate, OASIS® RhizoPlug™ Sheet, for superior performance and results.

Applications

Suitable for vegetative propagation of herbs, medicinal/aromatic plants, industrial hemp, and hard-to-root or disease-prone plants.

Provides rapid cutting rehydration

Keeps water freely available for uptake

Supports fast, uniform cutting establishment

Eliminates overwatering with proper use

Helps reduce pest and disease pressures

Features & Benefits

+ Engineered substrate technology encourages rapid cutting rehydration, uniform rooting and earlier reduction in misting. This helps reduce labor, decrease pest and pathogen pressures, and maximize inputs.
+ Structurally stable substrate matrix provides consistent air-to-water ratio optimized for vegetative cuttings with higher evapotranspiration rates, that reject oversaturated conditions.
+ Substrate matrix helps ensure proper drainage while keeping root zone water freely available, promoting faster establishment of even hard-to-root crops.
+ Easy-to-separate, pre-etched sheet substrate format is ideal for hands-on propagation and cultivation strategies in manual growing operations.
+ Free of pests and pathogens, clean engineered substrate reduces pest and disease pressures even in challenging crops susceptible to meltdown and other diseases.
+ Used properly, even by less-experienced growers, engineered foam propagation media helps optimize nutrient uptake while preventing overwatering — the leading cause of propagation failure.

Technical Specifications

Product Description: Free of any organic materials, pests or pathogens, OASIS® Rootcubes® is an engineered foam propagation media produced from a resin commonly used in many household items.

Note: OASIS® Rootcubes® sheet propagation media is inert and ships dry, reducing shipping costs and prolonging shelf life. Always fertilizer the substrate at initial saturation. Physical properties were established using NCSU Porometer.

Properties	OASIS® Rootcubes®
pH	5.0–5.8
EC (mS/cm)	0.20–0.40
Total Porosity (%)	90–96
Air Porosity (%)	10–14
Water Holding Capacity (%)	80–86
Density (Kg/m³)	18–20
Initial Water Content (%)	0

Storage and Handling

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

Food Safety

This substrate ships clean and free of pests and pathogens, including food-borne pathogens.

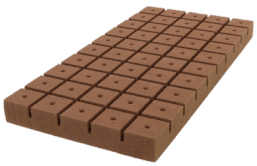
Disposal

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

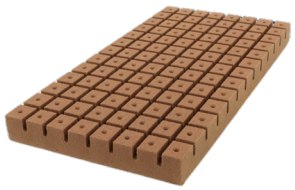
Product Options

Item Code	Product Description	Plug Dimensions (L x W x H)	Dibble Type	Dibble Depth	Dibble Spacing (L x W)
5015	**50CT** OASIS® Rootcubes®	4.60 cm x 4.45 cm x 3.81 cm (1 13/16" x 1 3/4" x 1 1/2")	Conical	1.9 cm (3/4")	5.08 cm x 5.08 cm (2" x 2")
87-50503	**50CT** OASIS® Rootcubes®	4.60 cm x 4.45 cm x 3.81 cm (1 13/16" x 1 3/4" x 1 1/2")	Universal Star	1.1 cm (7/16")	5.08 cm x 5.08 cm (2" x 2")
5010	**104CT** OASIS® Rootcubes®	3.3 cm x 2.54 cm x 3.81 cm (1 5/16" X 1" X 1 1/2")	Conical	1.9 cm (3/4")	3.97 cm x 3.14 cm (1 9/16" X 1 15/64")
87-51043	**104CT** OASIS® Rootcubes®	3.3 cm x 2.54 cm x 3.81 cm (1 5/16" X 1" X 1 1/2")	Universal Star	1.1 cm (7/16")	3.97 cm x 3.14 cm (1 9/16" X 1 15/64")
87-51623	**162CT** OASIS® Rootcubes®	2.26 cm x 2.26 cm x 3.81 cm (57/64" x 57/64" x 1 1/5")	Universal Star	1.1 cm (7/16")	2.86 cm x 2.78 cm (1 1/8" x 1 3/32")

NOTE: The sheets are grooved around the plugs at the top. The plug dimensions (L x W) indicated are the top of the plug. The bottom dimensions are 0.32 cm (1/4") larger for both length and width. Sheet dimensions (L x W X H): 50.96 cm x 24.61 cm x 3.81 cm (20 1/16" X 9 9/16" X 1 1/2"). Unit of sale: 20 sheets per case/24 cases per pallet.



50
Sheet Count
Conical Dibble



104
Sheet Count
Conical Dibble

Conical Dibble

50
Sheet Count
Universal Star Dibble

104
Sheet Count
Universal Star Dibble

162
Sheet Count
Universal Star Dibble

Universal Star Dibble

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