

PRODUCT OVERVIEW

OASIS® GROWER SOLUTIONS HORTICUBES®

oasis[®]
GROWER SOLUTIONS

FAST, CLEAN, AND CONSISTENT GROWING MEDIA FOR HYDROPONICS

A lower density and higher drainage foam, the Horticultures® growing medium is specially engineered for the hydroponics seed germination of vegetables and herbs. The Horticultures® higher drainage design helps to maintain an ideal air to water balance, even under heavy watering conditions. The enhanced drainage also keeps the top of the media drier, helping to minimize algae growth. The lower density of the Horticultures® foam medium enables superior root growth.

Growers will appreciate the simplicity that Horticultures® brings to the challenges of hydroponic production. All Horticultures® media is manufactured in a "sheet" style, which fits easily into the industry's standard "1020" trays. Each Horticultures® sheet is pre-scored for easy separation of a single cube, a block of cubes, or a strip of cubes.

CROP RECOMMENDATION

Lettuce, herbs, and other vegetables



FEATURES AND BENEFITS

- > High-drainage product characteristic is ideal for crops requiring a high air porosity
- > Specifically engineered balance of water and air promotes vigorous root development
- > Maintains the original air porosity: the cells do not compact after continual watering
- > Pre-dibbled seed holes are uniform in depth and spacing, which makes it easy to automate the seeding process
- > Consistent product quality, cell-to-cell
- > Sterile media arrives pathogen-free, to help reduce disease and insect problems
- > User friendly, no need for protective gear or clothing when handling
- > Easy to separate cubes at transplant
- > No starter fertilizer for maximum nutrient flexibility

TECHNICAL SPECIFICATIONS

Horticubes® is a hydrophilic cellular foam. The foam substrate is structurally stable and maintains the optimal air to water ratio throughout the production process.

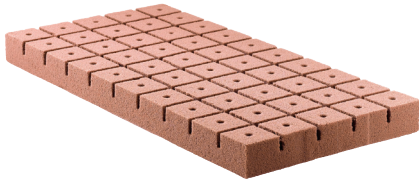
CHEMICAL AND PHYSICAL PROPERTIES

SUBSTRATE TYPE	pH	EC (mS/cm)	INITIAL MOISTURE CONTENT (%)	TOTAL POROSITY (%)	AIR POROSITY (%)	WATER HOLDING CAPACITY (%)	BULK DENSITY (%)
General Purpose	5 - 5.8	<0.3	0	94 - 98	12 - 16	84 - 88	16 - 20

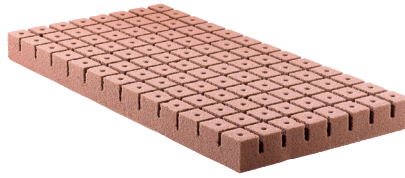
Note: Doesn't contain a starter fertilizer charge. Physical properties were established using NCSU Porometer.

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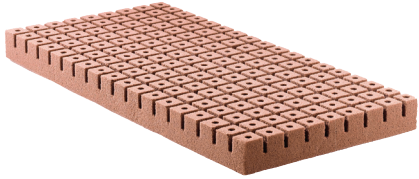
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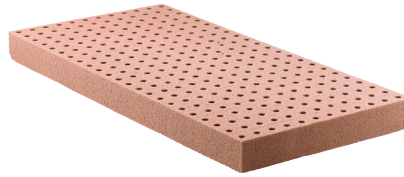
50 CELL SHEET



104 CELL SHEET



162 CELL SHEET



276 CELL SHEET

DIBBLE OPTIONS



SINGLE-SEED DIBBLE



MULTI-SEED DIBBLE

GROOVING OPTIONS



TOP GROOVING



BOTTOM GROOVING

PACKAGING OPTIONS

ITEM CODE	PRODUCT DESCRIPTION	CUBE DIMENSION (L X W X H)	DIBBLE TOP DIAMETER	DIBBLE SPACING (L X W)
5245	50CT HORTICUBES® SINGLESEED DIBBLE TOP GROOVE SHEET	4.60 CM X 4.45 CM X 3.81 CM (1 ³ / ₁₆ " X 1 ³ / ₄ " X 1 ¹ / ₂ ")	0.95 CM (³ / ₈ ")	5.08 CM X 5.08 (2" X 2")
5240	104CT HORTICUBES® SINGLESEED DIBBLE TOP GROOVE SHEET	3.3 CM X 2.54 CM X 3.81 CM (1 ⁵ / ₁₆ " X 1" X 1 ¹ / ₂ ")	0.95 CM (³ / ₈ ")	3.97 CM X 3.14 (1 ⁹ / ₁₆ " X 1 ¹⁵ / ₆₄ ")
87-11043	104CT HORTICUBES® SINGLESEED DIBBLE BOTTOM GROOVE SHEET	3.3 CM X 2.54 CM X 3.81 CM (1 ⁵ / ₁₆ " X 1" X 1 ¹ / ₂ ")	0.95 CM (³ / ₈ ")	3.97 CM X 3.14 (1 ⁹ / ₁₆ " X 1 ¹⁵ / ₆₄ ")
5225	162CT HORTICUBES® SINGLESEED DIBBLE TOP GROOVE SHEET	2.26 CM X 2.26 CM X 3.81 CM (⁵⁷ / ₆₄ " X 1 ⁵⁷ / ₆₄ " X 1 ¹⁵ / ₆₄ " X 1 ¹ / ₂ ")	0.95 CM (³ / ₈ ")	2.86 CM X 2.78 (1 ¹ / ₈ " X 1 ³ / ₃₂ ")
5231	276CT HORTICUBES® SINGLESEED DIBBLE NO GROOVE SHEET	2.20 CM X 2.06 CM X 3.81 CM (⁷ / ₈ " X 1 ³ / ₁₆ " X 1 ¹ / ₂ ")	0.95 CM (³ / ₈ ")	2.20 CM X 2.06 CM (⁷ / ₈ " X 1 ³ / ₁₆ ")
87-12762	276CT HORTICUBES® MULTISEED DIBBLE NO GROOVE SHEET	2.20 CM X 2.06 CM X 3.81 CM (⁷ / ₈ " X 1 ³ / ₁₆ " X 1 ¹ / ₂ ")	0.95 CM (³ / ₈ ")	2.20 CM X 2.06 CM (⁷ / ₈ " X 1 ³ / ₁₆ ")
87-12768	276CT HORTICUBES® MULTISEED DIBBLE LARGE DIAMETER NO GROOVE SHEET	2.20 CM X 2.06 CM X 3.81 CM (⁷ / ₈ " X 1 ³ / ₁₆ " X 1 ¹ / ₂ ")	0.95 CM (³ / ₈ ")	2.20 CM X 2.06 CM (⁷ / ₈ " X 1 ³ / ₁₆ ")

Note: For top grooved sheets, the cube dimensions (L x W) indicated are the top of the cube. The bottom dimensions are going to be 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 11/16" X 1 1/2"). Unit of sale: 20 sheets/case or 24 cases per pallet. Dibble spacing is center to center along length and width.



> PROPAGATING MORE.



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