

# OASIS® HORTICUBES® XL SEED PROPAGATION MEDIUM

You're about to enjoy all the benefits of shaving three days off your propagation time, with **HORTICUBES® XL**: Hydroponic Seed Propagation Medium – The first to dramatically improve root penetration and boost speed-to-transplant flexibility. To experience these wonders for yourself, just follow these step-by-step directions.

**STEP 1**

**REMOVE FROM CARTON**

Gently pull the paper sleeve surrounding the five sheets of HORTICUBES® XL, or carefully pull the cardboard liner that surrounds all 20 sheets.



**STEP 2**

**PLACE HORTICUBES® XL INTO INDUSTRY STANDARD 1020 CARRY TRAYS**

If your primary watering method uses overhead irrigation, use a solid-bottom tray with drain holes. However, if your primary method uses sub-irrigation, use a web-bottom tray.



NOTE: DO NOT use a solid tray without drain holes because excess water needs to be drained freely.

**STEP 3**

**PLACE SEED(S) IN DIBBLE HOLE**

Seeds can be placed manually or via automated equipment in the the single- or multi-seed holes when the HORTICUBES® XL is either dry or wet.



**STEP 4**

**SATURATE FOAM**

For optimal results, HORTICUBES® XL should be completely saturated – without dry spots. This is best accomplished through a combination of float saturating and overhead watering.



- If the seeds are sown while HORTICUBES® XL is dry, lightly water the top of the sheets to set the seed into the dibble holes.

- Set trays of HORTICUBES® XL into a tub of water, and remove when top of foam is slightly below the water surface.

NOTE: DO NOT force the sheets under water.

- Overhead irrigate the HORTICUBES® XL using a coarse water breaker for approximately one minute with five-to-six liters of water.



**STEP 5**

**MOVE TO NURSERY**

Transfer fully saturated and seeded XL onto a level surface in your nursery to begin germination.



TIP: To make it more convenient to handle at transplant time, consider using a sharp knife to cut the HORTICUBES® XL sheets into smaller sections. This is best achieved after the initial saturation and prior to the growth of the foliage.

**STEP 6**

**TRANSPLANT HORTICUBES® XL**

HORTICUBES® XL is easier to handle if it is not completely saturated at time of transplant. As such, reduce or eliminate the irrigation of your seedlings the day prior to transplant.



Individual HORTICUBES® XL cubes are designed with a deep razor-cut on the top and a shallow razor-cut on the bottom to allow for clean separation from the full sheets. Separation occurs by using a top-down motion.

**STEP 7**

**STORE HORTICUBES® XL**

Unused HORTICUBES® XL should be left in a closed carton. The carton should be stored in a dry location away from direct sunlight.



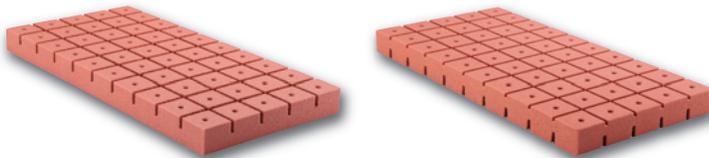
If you have any questions, or need further clarification, please contact us at 800-321-8286 or visit us at [www.horticubesXL.com](http://www.horticubesXL.com).



**OPTIONS THAT ENHANCE FLEXIBILITY.**

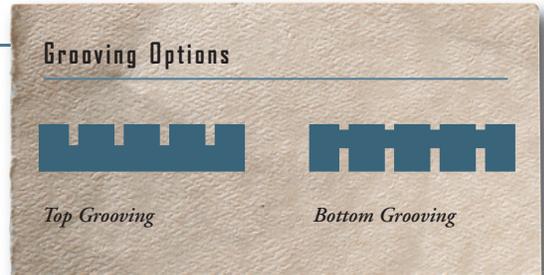
With product variations that include cell counts, as well as grooving and dibble options, you gain valuable control over your nursery crop time. Take full advantage of XL's speedy root penetration to move crops out of your nursery sooner. Or choose to grow the seedlings in the nursery longer until they're more developed to improve space efficiency. Either way, HORTICUBES® XL maximizes your growing flexibility.

**HORTICUBES® XL 50-Cell**



*Top Grooving*

*Bottom Grooving*



**Grooving Options**

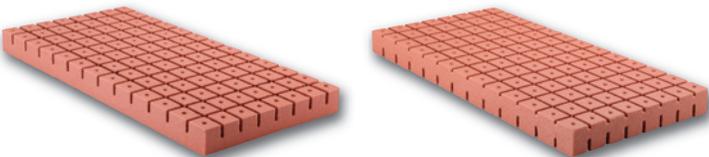


*Top Grooving*



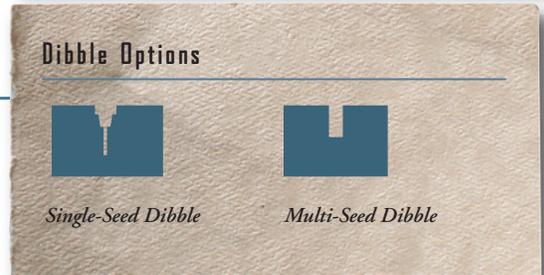
*Bottom Grooving*

**HORTICUBES® XL 104-Cell**



*Top Grooving*

*Bottom Grooving*



**Dibble Options**

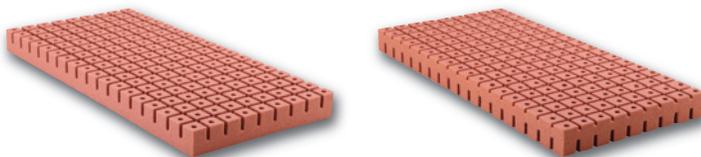


*Single-Seed Dibble*



*Multi-Seed Dibble*

**HORTICUBES® XL 162-Cell**



*Top Grooving*

*Bottom Grooving*

**HORTICUBES® XL 276-Cell**



OASIS® Grower Solutions  
 Smithers-Oasis North America  
 A Division of Smithers-Oasis Company  
 919 Marvin Street  
 Kent, OH 44240 USA

Phone: 800-321-8286, or 330-673-5831  
 Fax: 877-676-4409  
[www.horticubesXL.com](http://www.horticubesXL.com)  
[www.oasisgrower.com](http://www.oasisgrower.com)

