



A Mineral Wool Growing Medium



Now Available in Bags of 50 and Trays

## Starter Plugs

VidaWool® starter plugs are vital in the first step of your cultivation plan. Plugs provide stability and are designed for a seamless transition to blocks. Predrilled holes (not slits) facilitate precise placement for seeds and clones, and outstanding handling integrity helps keep VidaWool® starter plugs intact during the most delicate phase of plant development.

### Applications

VidaWool® starter plugs are ideal for cultivation enterprises looking for repeatable results. Productive and stable, VidaWool® starter plugs help protect seeds and clones, getting them off to a strong start and making transplantation into blocks efficient and seamless.

### Features & Benefits

- Sink time: <3 seconds**

For reliable saturation and efficient use of water.

- Water holding capacity: 85–95%**

Holds moisture and keeps it evenly distributed with Hydro-Xtend™ water dispersion technology.

- Handling integrity: 2.4 lbf**

Resists punctures for loss and breakage, when wet and dry.

### Did You Know?

- VidaWool® plugs are made from a minimum of 70% recycled content and are designed to efficiently hold and use water, complementing growing operations.
- VidaWool® is 100% produced and supported in North America to give you confidence in your mineral wool growing media's quality and availability.

### Additional Features



Hydro-Xtend™ water dispersion technology optimizes use and uptake of water and nutrients for growing plants.



Pre-drilled holes eliminate guesswork for seed and clone placement.



Does not have to be stored in a climate-controlled environment. Keep dry until use.



## User Guide

VidaWool® starter plugs were developed and are backed by a team of scientists, engineers, researchers, and experts in mineral wool and rock wool products. Third-party analysts and experts validate VidaWool® performance and practices, to ensure you can maximize the features of every plug and get your plants started off right. Follow these steps for proper use of VidaWool® starter plugs.

### 1. Store

VidaWool® starter plugs do not need to be housed in a climate-controlled environment but should be kept dry until use. Store pallets no more than two high to avoid damage.

### 2. Saturate and condition

Saturate plugs by submerging for up to 15 minutes in a nutrient solution adjusted to a pH of 5.8–6.2.

### 3. Place seeds or clones

Using the pre-drilled hole as your guide, place seeds or clones into the holes to a depth of 3/4 to 1 inch. This will allow ample room for root growth.

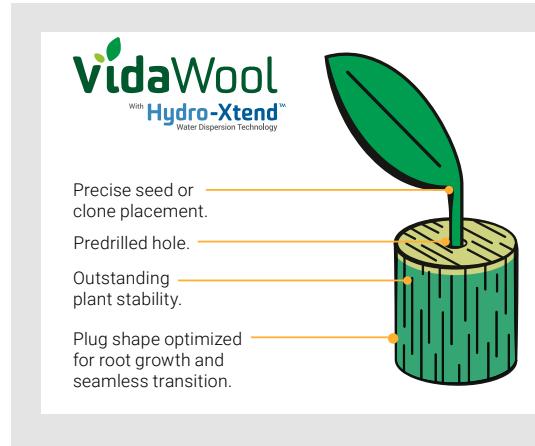
### 4. Maintain moisture

To optimize growing conditions, water VidaWool® starter plugs when the plugs look or feel dry (irrigation intervals vary based on the environmental conditions of the growing setup).

### 5. Graduate to blocks

When plants are ready, they can be efficiently transplanted to VidaWool® blocks. The round shape of VidaWool® plugs makes it easy. Just pick and place in the block.

*Note: VidaWool® starter plugs resist punctures and maintain handling integrity of 2.4 lbf when wet, but should still be handled with care.*



VidaWool® starter plugs deliver outstanding material integrity, helping to keep young plants stable, while offering the optimized shape and room for roots to grow.

## Product Characteristics

PARAMETER	RESULTS
Wettability (time required to sink)	< 3 seconds
Water Content at Saturation	85–95%
Handling Integrity (finger puncture resistance)	2.4 lbf
Electric conductivity – EC	< 0.1 dS/m
Heavy Metals	Not detectable levels*

\* Detection limit < 0.05 ppm

## Availability

VIDAWOOL® STARTER PLUGS	DIMENSIONS (IN)	BLOCKS/PACKAGE
Plug 1.5	1.5" Diameter; 1.5" tall	2,000 per case <sup>1</sup>
Plug 1.5	1.5" Diameter; 1.5" tall	Bags of 50 <sup>2</sup>
Plug 1.5	1.5" Diameter; 1.5" tall	Trays of 50 <sup>3</sup>

<sup>1</sup> Packaged 20 cases per pallet and 30 pallets per truck.

<sup>2</sup> 50 count per bag. 48 bags per case. 20 cases per pallet and 30 pallets per truckload.

<sup>3</sup> 50 count per tray. 26 trays per case. 20 cases per pallet and 30 pallets per truckload.



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