



# Tower Product Guide



HydraFiber comes from Profile Products, proudly offering researched and proven soil / media solutions for over 50 years.

# HydraFiber Ultra and EZ Blend: Now Available in Towers

*No Additional Equipment, Just More Advantages.*

 **HydraFiber<sup>®</sup>**  
**Ultra**

 **HydraFiber<sup>®</sup>**  
**EZ Blend**



# HydraFiber's Advantages Help You Grow Better Margins and Better Plants



- Arrives unfrozen and ready to use
- 10% to up to 36.6% more available water to every plant due to the higher surface area of our fibers
- Locked-in contract pricing available
- Blends easily with other mix components
- Eliminates the need for perlite
- Available when you want it
- Delivers more efficient storage per cubic yard of material than peat, bark, perlite, coir or vermiculite
- Better air space and improved root zone development
- Surface area that is up to seven times greater than peat



- TWO FORMULAS AVAILABLE
  - Same product as the 50 lb. bales
- LESS COMPRESSION
  - No specialized equipment to restore fibers and prepare for mixing
- IDEAL FOR GROWERS WHO UTILIZE BALE SHAVERS/BUSTER OR RIBBON BLENDERS



# Ultra Chemical Characteristics

*(Standard for All Weights of HydraFiber)*

**160<sup>WB</sup>**

**365<sup>WB</sup>**

**pH 4.5 +/- 0.4**

**EC (mS/cm) 0.01 – 0.19**

**Moisture Content<sup>^</sup> 20% +/- 4%**

**Organic Matter<sup>^^</sup> 99.7 +/- 0.2%**

<sup>^</sup>Measured on weight basis

<sup>^^</sup>Loss on Ignition (ASTM D586-97)



# Ultra Physical Characteristics\*

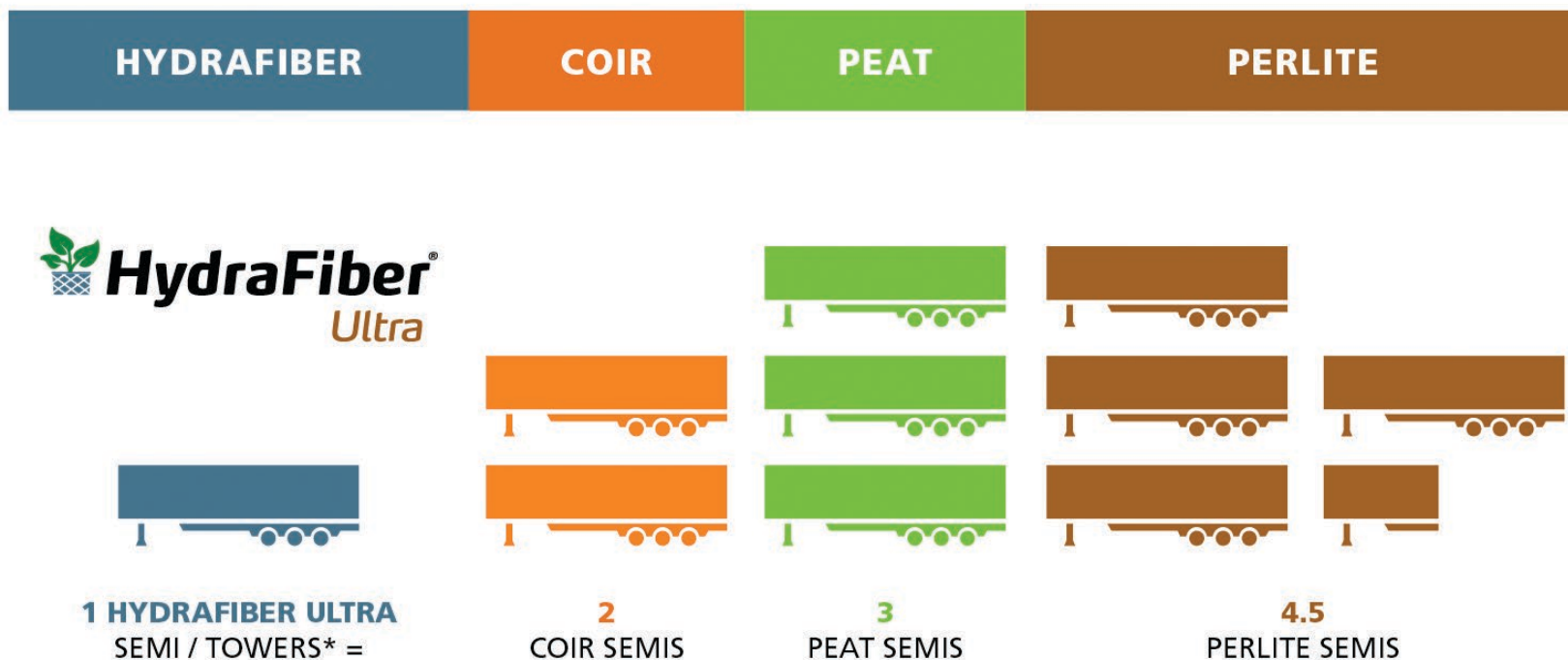
	160 <sup>WB</sup>	365 <sup>WB</sup>
Total Porosity	93-96%	96-99%
Container Capacity (WHC)**	42-49%	35-42%
Air Pore Space	48-55%	58-63%
Compacted Bulk Density	18.5 lbs./ft. <sup>3</sup> +/- 1.5 lbs./ft. <sup>3</sup> (296 Kg/m <sup>3</sup> +/- 24 Kg/m <sup>3</sup> )	
Loose Bulk Density***	1.4 lbs./ft. <sup>3</sup> +/- 0.2 lbs./ft. <sup>3</sup> (22 KG/m <sup>3</sup> +/- 3 Kg/m <sup>3</sup> )	

\*Derived from Porometer Test Method-NCSU Substrates Lab

\*\*WHC = Water-Holding Capacity

\*\*\*Profile Fiber Opener

# Requires Less Storage. Ready When You Need It.



*\* Numbers based on bale shaver processing; expected yield will be lower with less automated processing (i.e., bucket blending). Due to the large range of variability, Bark/Compost comparison numbers are available upon request.*



# HydraFiber<sup>®</sup>

## EZ Blend

- COMES READY TO USE
  - Start filling as is, or mix with other components
- LESS COMPRESSION
  - No specialized equipment to restore fibers and prepare for mixing
- IDEAL FOR PAD MIXING OR BUCKET BLENDING
- ALSO AVAILABLE IN 50-LB BALES

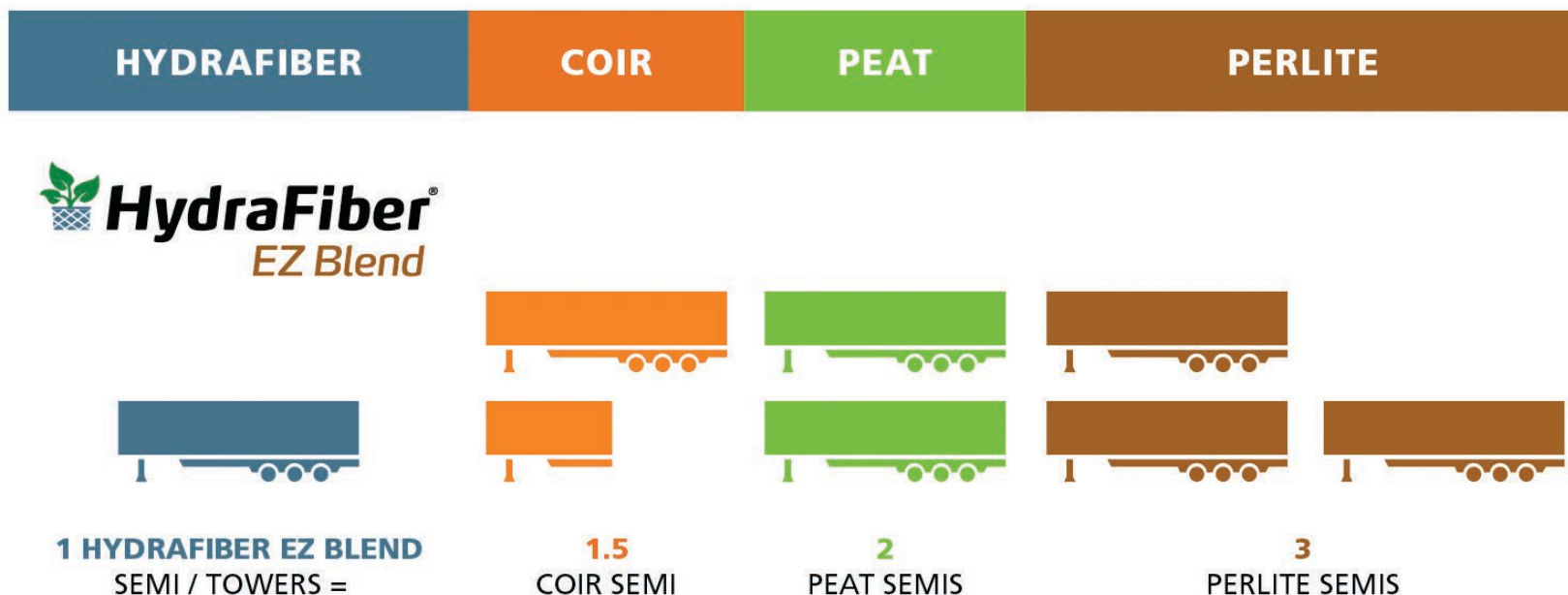




# Product Properties Comparison

Product	Blending System	Density	Fiber Type	Bulk Density lbs./ft. <sup>3</sup>		Tower Yield ft. <sup>3</sup>		Product Yield ft. <sup>3</sup>	
				Low	High	Low	High	Low	High
HydraFiber Ultra VBS Tower	Bale Shaver	1200	Fine	2	2.2	600	545	15,600	14,182
HydraFiber Ultra Bucket Tower	Pad Mixing	1200	Coarse	2.4	2.6	500	462	13,000	12,000
HydraFiber EZ Blend Tower	Any	1600	Fine	3.85	4.15	416	386	10,805	10,024
HydraFiber EZ Blend Bale	Small Bale Processing Equipment	1600	Fine	3.85	4.15	-	-	10,805	10,024
HydraFiber Ultra 50 lb. Bale	Specialized	2000	Fine to Coarse	1.9	2.1	-	-	23,158	20,952

# Requires Less Storage. Ready When You Need It.



*\* Numbers based on bale shaver processing; expected yield will be lower with less automated processing (i.e., bucket blending). Due to the large range of variability, Bark/Compost comparison numbers are available upon request.*

# EZ Blend Pad Mixing Applications

1. Determine batch size of total yards being mixed
2. Using 50 yards as a target batch size, to mix a 70% peat: 30% EZ Blend mix, use 32.5 yards peat (approx. 4 peat towers) and 1 tower of EZ Blend (14.8 yards)
3. Measure out the 32.5 yards of peat
4. Unwrap 1 tower of EZ Blend on top of the peat
5. Add amendments to the pile
6. Mix following standard pad mixing procedures
7. We recommend adding water at the end so the blend hydrates up to 60% moisture



Now there's a  
HydraFiber for you.  
Tower Up Today.

Visit [HydraFiber.com](http://HydraFiber.com) or contact  
a HydraFiber expert at  
800-496-0955 or  
[hydrafiber@profileproducts.com](mailto:hydrafiber@profileproducts.com).

