

Consistent, Reliable, Proven Engineered Substrate

“We began at 30% HydraFiber, but moved to 50% HydraFiber 160 / 50% peat on all crops in just months. Soil costs decreased, plants root faster and better, we water less and plants hold water better in the store.”

—
Jeff Murphy, Operations Manager of
Production and Maintenance, Altman Plants

BEST FOR GROWERS WHO AMEND / BLEND THEIR OWN SOIL AND HAVE ONE OR MORE TRANSPLANT LINES. 50 LB BALES REQUIRE SPECIALIZED EQUIPMENT.

Original HydraFiber® Ultra quickly became a game changer for professional greenhouse growers across the globe. Each is seeing better margins, whether it's from improved root development and overall plant quality, cost relief, inventory management, shelf life, operational efficiencies or environmental benefits.

HydraFiber Ultra is an approximately 98% porous fiber substrate amendment with extremely low bulk density (1.4 +/- 0.20 lbs. per opened cubic foot). Due to its highly compressed nature, HydraFiber Ultra is the most economical raw material of our product line, delivering the best cost savings to growers.

- Available in 50-lb. bales and NEW 95-cu. ft. towers.

PROVEN AT HIGHER INCLUSION RATES

With shortages or complete unavailability of offshore raw materials, several North American growers have increased their HydraFiber rates to 50% with great success in finishing their crops and growing year-round without interruption.

- Recent lab tests conducted by RHP certified the suitability of using HydraFiber Ultra at rates of up to 50% in the growing mix, without needing to increase nitrogen rates. Located in the Netherlands, RHP is widely recognized around the world for more than 55 years of expertise in monitoring and certifying the quality of substrates.
- Several independent university trials have thoroughly vetted higher HydraFiber inclusion rate performance across a broad range of crops.
- Our internal trials also show that new HydraFiber EZ Blend can be used at 50% rates.

Comprehensive trial results are available; contact your HydraFiber Technical Account Manager for a presentation customized to your crop needs.

🔗 Find guidelines on how to take your HydraFiber mixes to the next level by increasing inclusion rates: <http://www.hydrafiber.com/resources/hydrafiber-inclusion-rates>



CONTROL: PEAT 70%:
PERLITE 30%



HYDRAFIBER ULTRA 160WB 30%:
PEAT 70%



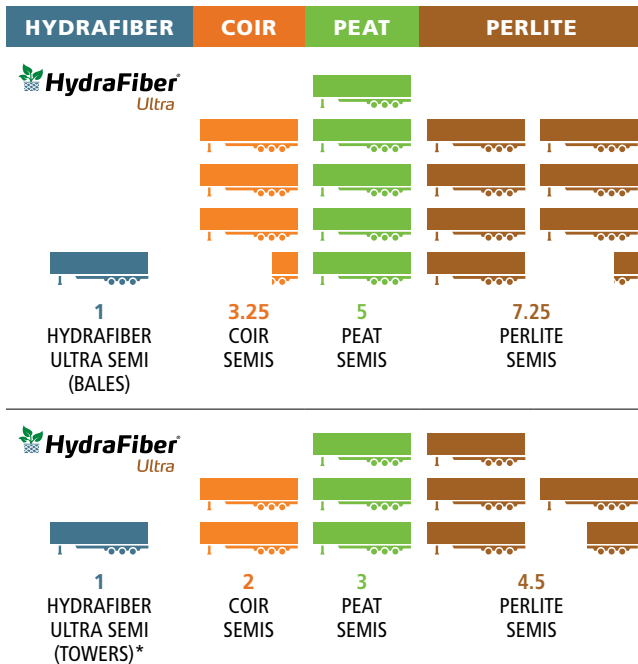
HYDRAFIBER ULTRA 160WB 50%:
PEAT 50%



HYDRAFIBER ULTRA 160WB 70%:
PEAT 30%

IMPROVED BUSINESS EFFICIENCIES

Every HydraFiber product offers highly compressed material, requiring fewer truckloads compared with competitive materials!



* 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.

ULTRA 160 & 365 ALSO AVAILABLE IN TOWER FORM!

Ultra 160 and 365 both also come in cost-effective 95-cu. ft. towers for even better efficiencies in shipping and processing!



OPTIONS TO MEET EVERY GROWING NEED

Let us recommend the best formulations for your crop types and timing. HydraFiber Ultra can also be custom-manufactured to meet your specific needs.



HYDRAFIBER ULTRA TECH SPECS

USES:
PROPAGATION,
4 IN., 6 IN. &
GALLONS

USES:
4 IN., 6 IN.,
1 GALLON &
2 GALLON

USES:
1 GALLON,
2 GALLON &
LARGER

CHEMICAL CHARACTERISTICS

	065 BALES	160 BALES & TOWERS	365 BALES & TOWERS
pH		4.5 +/- 0.4	
EC (MS/CM)		0.01 - 0.19	
MOISTURE CONTENT [^]		22% +/- 4%	
ORGANIC MATTER ^{^^}		99.7% +/- 0.2%	

PHYSICAL CHARACTERISTICS*

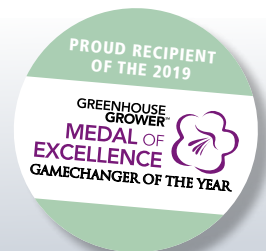
	065 BALES	160 BALES & TOWERS	365 BALES & TOWERS
TOTAL POROSITY	93-97%	96-99%	96-99%
CONTAINER CAPACITY (WHC)**	49-55%	42-49%	35-42%
AIR PORE SPACE	39-47%	48-55%	58-63%
EXPECTED FIBER LIFE SPAN	1 YEAR	2.5 YEARS	3-5 YEARS
LOOSE BULK DENSITY***	1.4 lbs./ft. ³ +/- 0.2 lbs./ft. ³ (22 kg/m ³ +/- 3 kg/m ³)		

[^] Measured on weight basis
^{^^} Loss on Ignition (ASTM D586-19)

* Derived from Porometer Test Method-NCSS Substrates Lab
** WHC = Water-Holding Capacity
*** HydraFiber Processing Unit

Order and grow in HydraFiber Ultra with confidence.

Contact your HydraFiber technical representative today to learn more or to set up trials. You can find additional product information and best practices at www.hydrfiber.com or by following us on social media.



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