





Get to know M-Fiber

Our History We are an innovative company dedicated to rural America. We have worked with farmers in Missouri to establish 8,000 acres of Miscanthus.

Our corporate office is located in Aurora, Mo., with our conversion facility nearby.

Our Process We have a vertically integrated, renewable supply chain. This allows us to maintain a watchful eye over our products, from start to finish, so we can deliver a consistent, high-quality product.

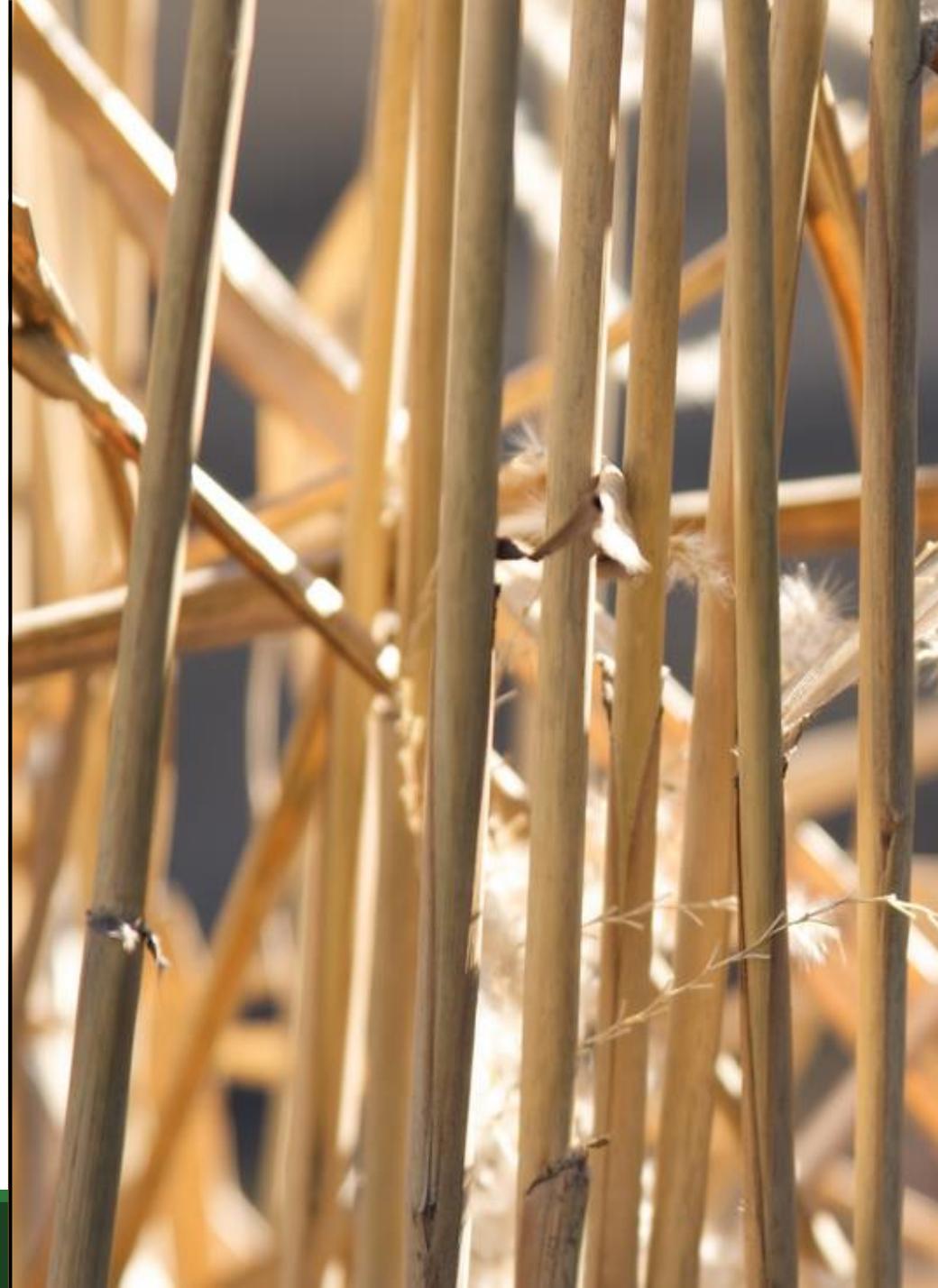
We take pride in being part of the process from planting in the fields to processing at our state-of-the-art manufacturing facility.

Superior Sustainability

Sustainability While many crops are very sensitive to the environment and soil conditions, Miscanthus is very tolerant of less than ideal conditions. Miscanthus is a perennial warm season grass. After year 2, Miscanthus produces 7-10 tons per acre regardless of environmental differences (drought or flood). The processing of MFiber requires ZERO gallons of water.

Consistency Year after year, we strive to maintain consistency, and that all begins in the field. Miscanthus is harvested from December to March while the plant is dormant. Plant senescence happens in November, which moves all nutrients back into the roots, allowing for a consistent product, harvest after harvest.

Conservation Friendly Miscanthus has low nutrient input and minimal nutrient removal. The nutrients that move back into the soil during senescence are used the next year by the plant. Miscanthus is very good at holding soil and minimizing erosion. Miscanthus can capture about 90% of eroded sediment from row cropped fields.





M-Fiber

We produced all-natural, non-GMO fiber suitable for all pets.

M-Fiber offers a non-chemically produced replacement for cellulose, at a fraction of the price.

We are proud to offer a product grown by local farmers and manufactured in the USA. **M-Fiber** is grown and processed with Food Safety as the most important factor. All **M-Fiber** is fully traceable to the field of harvest.

Because **M-Fiber** works with farmers on long term contracts, we can insure that product supply is never a question. Our vertically integrated business model takes price swings out of the equations.

M-Fiber Production Process



Rhizomes are planted.



Crop purifies in the field through a selective growing process.



After all the nutrients have moved back into the soil, the cane is ready to be harvested at less than 15% moisture.

M-Fiber Production Process



The cane is cut 6" from the ground. Our equipment knocks off any remaining leaves.



The cut M-Fiber is picked up using a baler that is set at 6" to prevent picking up debris.

M-Fiber Production Process



The bales are moved to our centralized storage facility where they will then be transported to manufacturing.



Raw material goes through the first step of manufacturing to reduce particle size.



The Miscanthus is processed through the hammer mill, then sent for pelleting.

M-Fiber Production Process



Finished product is stored and shipped via tote bag or bulk truck.



State-of-the-Art Manufacturing

We have invested numerous resources in establishing our state-of-the-art manufacturing facility in Aurora, Mo. Currently, our manufacturing facility is **capable of processing over 18000 pounds per hour while maintaining product consistency.**

Our proprietary processes and systematic screening allow us to meet production demands with an incredible amount of uniformity, which means you get the same product, at the same size, every time.



Why Miscanthus?

Miscanthus giganteus, a perennial grass known for its hardiness, offers a viable and long-term source for renewable products.

Quality Products

We only manufacture a product when we know we can deliver to our clients in a timely, high-quality manner.

M-Fiber can be delivered in **bulk bags** or by **bulk truck**.



- 100% All Natural
- Non-GMO
- Grown by Local Farmers
- Made in the USA
- No Added Colors
- No Artificial Flavors
- No Preservatives
- Natural Aroma



M-Fiber is Highly Absorbent

M-Fiber produces high-absorbency, eco-friendly biomass products for a variety of applications. Our product instantly absorbs up to seven times its own weight.

Miscanthus is suited for use as a product carrier. **M-Fiber** comes in various grits and grades depending on the specifications of the job.

	Water	Brine*	Oil Based Sludge**
M-Fiber	7.6 x	6.6 x	10.9 x
Green Products 360CCA	5.0 x	4.5 x	7.7 x
Green Products 1440 PC	5.3 x	4.7 x	7.8 x
Anderson's Stabl-Zorb Red	5.6 x	5.3 x	8.2 x
New Pig Loose Cob	2.7 x	2.5 x	2.8 x
Hot Lime	<1 x	<1 x	<1 x
Oil Dri (Clay)	1.5 x	1.4 x	2.0 x
ZEP Commercial (Perilite)	2.8 x	2.4 x	3.0 x

*Brine was composed of a 30g/L NaCl Solution
 ** Sludge is a mixture comprising of (by weight) 30% 10-30 SAE Oil, 25% Coolant, 25% Brine and 20% Ground Stone

Thank You!



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