

Hydraulic Mulch Products  
The Standard of Erosion Control since 1965



CONWED FIBERS®





## Industry-leading performance since 1965

When Conwed Fibers<sup>®</sup> introduced the industry's first wood fiber hydraulic mulch, it set a new standard for hydraulically-applied erosion control products. Hydroseeding contractors were quick to recognize that the cost-effective performance was clearly superior. Ever since, their loyalty to the Conwed Fibers brand has only gotten stronger. So strong, in fact, that Conwed Fibers hydraulic mulches remain the #1 choice of hydroseeding contractors.



Erosion control products that bear the Conwed Fibers brand are produced in a state-of-the-art manufacturing facility located in Conover, North Carolina. Advanced processing techniques and stringent quality control standards assure consistent product performance in every bag.

## ROADSIDES



*Conwed Fibers continues to be the brand more hydroseeders trust for DOT and other transportation projects around the country.*

## SLOPES



*The superior erosion control performance delivered by Conwed Fibers' wood fiber hydraulic mulch products is widely regarded as the industry standard.*

## GOLF COURSES



*Conwed Fibers delivers cost-effective turf establishment in high-profile, fine turf environments.*

## CONSTRUCTION



*Residential and commercial construction sites are common examples of how Conwed Fibers products are utilized to solve a variety of challenges.*

## Expanding on a proven record of superior performance

Conwed Fibers continues to evolve its portfolio of products to strengthen its industry-leading position as the hydraulic mulch of choice. Innovative components have been engineered into these products to enhance ease of application, on-the-ground performance, sustainability and lasting value. TriFlo™, for example, is integrated into Conwed Fibers® Hydro Mulch® 1000 to increase shooting distance and yield. Every hydro mulch product features 100% recycled and biodegradable components. It's no surprise contractors prefer Conwed Fibers over competitive products.

Conwed Fibers is always busy working on additional ways to increase the on-site value of its erosion control products by making them even more efficient, effective and environmentally responsible.



## Superior fibers make all the difference

Conwed Fibers® set the industry standard for outstanding erosion control and vegetative establishment with a Thermally Refined® wood process utilizing steamed heat in a high-pressure vessel to create long and highly absorbent fibers. These fibers, when combined into a matrix, are proven to provide unique performance.

**Better yield:** Thermally Refined wood fiber mulch delivers up to 30% more yield than competitive products. Seven bags of Conwed Fibers mulch yields as much fiber mass as 10 bags of competitive mulch.

**Better coverage:** Thermally Refined wood fiber mulch provides superior coverage with greater loft, resulting in more air and water holding potential to support more complete germination and faster vegetation establishment. The larger volume of fiber more effectively reduces soil surface evaporation and resists erosion.

### Faster germination and establishment:

Thermally Refined wood fiber mulch has significantly more water-holding capacity to enhance more rapid vegetative establishment.

**Greater productivity:** Thermally Refined wood fiber mulch mixes more completely and shoots more smoothly so you'll get more done in less time. Clogs that often occur when applying competitive mulches are significantly reduced.

**Better for the environment:** Conwed Fibers products are 100% biodegradable and made from recycled fibers that are weed and pathogen free, leave no nets or threads, and are non-toxic to fish and wildlife.

When you add everything up—the overall performance, the advantages and the value—

*“It’s all about the fibers”*

## Putting Thermally Refined wood fibers to the test

Competitive wood fiber mulches typically use an atmospherically refined wood process, which creates shorter, coarse fibers with minimal loft. This significantly impacts yield, coverage and water-holding capacity.

### Thermally Refined Wood Fiber



### Atmospherically Refined Wood Fiber



Thermally Refined wood fiber has dramatically more surface area which generates greater yield, loft and coverage, compared to the coarse and shorter fiber produced from atmospherically refining the wood.



Thermally Refined  
Wood Fibers



Atmospherically Refined  
Wood Fibers

The photos above illustrate the 30% yield advantage of Conwed Fibers—both bowls contain 14 grams.



Applied at same rate

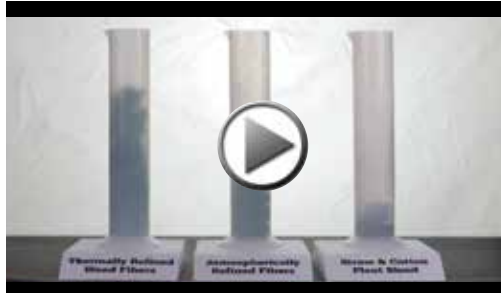


Compared to the same amount of other mulches, Conwed Fibers (above) provide better coverage with greater loft.

Fibers magnified 45 times by independent lab specializing in fiber analysis »

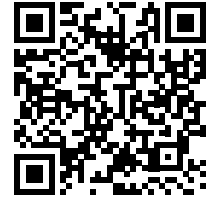
## Yield and coverage

**In the real world:** The increased volume of Thermally Refined wood fibers provides better soil surface coverage and loft for outstanding erosion control, seed germination and plant establishment.



Greater loft equals greater coverage

Visit [ProfileEVS.com/yield](https://ProfileEVS.com/yield) to view side-by-side yield and coverage comparisons between Thermally Refined wood fibers and competitive fibers.

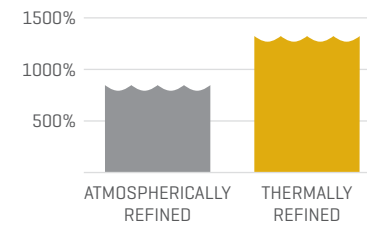


Scan to see video now

## Water-holding capacity

**In the real world:** Easier to shoot, better germination and establishment—Thermally Refined wood fibers absorb water well to create a more fluid slurry that stays in suspension longer, resulting in fewer clogs, better shooting distance and more uniform coverage. The added water in the mulch, and the ability to reabsorb and hold more water, greatly enhances seed germination and vegetation establishment.

### WATER-HOLDING COMPARISON TYPICAL ANALYSIS



«This graph shows that Thermally Refined wood fiber holds 13.5 times its weight in water. Atmospherically refined wood fiber has up to 50% less water-holding capacity.



50% more water-holding capacity

Visit [ProfileEVS.com/capacity](https://ProfileEVS.com/capacity) to see why the water-holding capacity of Thermally Refined wood fibers is so much greater than competitive fibers.



Scan to see video now



## Leading performance and outstanding value, right down the line

Conwed Fibers® wood and wood/cellulose hydraulic blend mulches are ideally suited for a wide range of erosion control and turf establishment applications, including:

Golf Courses  
Pipelines  
Landfills

Airports  
Highway Projects  
Recreational Areas

Commercial Development  
Reclamation  
Residential Properties

### Conwed Fibers® Hydro Mulch® 1000 with TriFlo™

- Contains 100% Thermally Refined® wood fiber and all of its unique advantages.
- Thermally Refined wood fiber mulch delivers up to 50% more water-holding capacity than atmospherically refined wood mulch for superior, more cost-effective performance.
- TriFlo additives provide better yield, easier shooting and increased distance.

### Conwed Fibers® Hydro Mulch® 2000

- 100% wood fiber just like Conwed Fibers Hydro Mulch 1000 with the addition of a premium tackifier.
- Tackifier is a pre-blended, high-viscosity, organic polysaccharide tackifier for superior erosion control performance.
- All-in-one package eliminates the extra step and potential errors associated with mixing tackifiers.

### Conwed Fibers® EnviroBlend® with TriFlo™

- The #1 selling wood and cellulose blend in the industry.
- TriFlo provides easier application and better yield; less hose clogging and more ground coverage.

### Conwed Fibers® EnviroBlend® with Tack

- Same product as EnviroBlend with the addition of a premium tackifier.
- Tackifier is a pre-blended, high-viscosity, organic polysaccharide tackifier for superior erosion control performance.
- All-in-one package eliminates the extra step and potential errors associated with mixing tackifiers.

### Conwed Fibers® Cellulose

- High-quality, recycled 100% cellulose fiber mixes in water at an accelerated rate and stays in suspension for more uniform consistency, reducing the maché effect which increases establishment.
- An exclusive defibration manufacturing process increases the water-holding capacity by 22% for excellent seed germination.
- Provides erosion control that is superior to straw, so a great choice for general seeding.
- Darker, richer green color than competing brands gives you ideal visual metering and provides a more professional look from the very beginning.
- Shoots great, allowing hydraulic equipment to run efficiently while providing excellent ground coverage.

### Conwed Fibers® Cellulose with Tack

- Same product as Cellulose with the addition of a premium tackifier.
- Tackifier is a pre-blended, high-viscosity, organic polysaccharide tackifier for enhanced erosion control performance.
- All-in-one package eliminates the extra step and potential errors associated with mixing tackifiers.



## Soil test before selecting the right mulch for the job

Conwed Fibers offers the broadest range of hydraulic mulches. Each has properties and performance characteristics that are best suited for different sites. Each can be customized to meet specific project requirements. However, the quality of the soil these mulches cover is critical to the project's success. To ensure the mulches you choose produce the best results, you need a soil analysis. To assist you with that, Conwed Fibers offers a free soil test. **To get yours, visit [ProfileEVS.com/free-soil-test](https://ProfileEVS.com/free-soil-test).**

PRODUCT	APPLICATION	SLOPE	CONTINUOUS MAX. SLOPE LENGTH* <small>(without slope interruption devices)</small>	CONDITIONS	APPLICATION RATE LB/AC (KG/HA)
Conwed Fibers® Hydro Mulch® 2000	Erosion Control	≤ 4H:1V > 4H:1V and ≤ 3H:1V	30 ft (9.1 m)	Moderate	2,000 (2,240) 2,500 (2,800)
Conwed Fibers® Hydro Mulch® 1000 with TriFlo™	General Seeding	≤ 4H:1V > 4H:1V and ≤ 3H:1V	20 ft (6.1 m)	Moderate	2,000 (2,240) 2,500 (2,800)
Conwed Fibers® EnviroBlend® with Tack	General Seeding	≤ 4H:1V > 4H:1V and ≤ 3H:1V	20 ft (6.1 m)	Mild	2,000 (2,240) 2,500 (2,800)
Conwed Fibers® EnviroBlend® with TriFlo™	General Seeding	≤ 4H:1V > 4H:1V and ≤ 3H:1V	15 ft (4.6 m)	Mild	2,000 (2,240) 2,500 (2,800)
Conwed Fibers® Cellulose with Tack	General Seeding	≤ 4H:1V	15 ft (4.6 m)	Mild	2,000 (2,240)
Conwed Fibers® Cellulose	General Seeding/ Reclamation/ Straw Tacking	≤ 4H:1V	15 ft (4.6 m)	Mild	2,000 (2,240)

*Note: Using less than 2,000 pounds per acre (2,240 kg/ha) may compromise performance and results. For applications on steeper slopes, the maximum slope length may need to be reduced based on actual site conditions.*

## Use ProPlus® additives for improved performance

With a soil test, you will know if additives are needed to modify the soil's chemistry to create the best environment for rapid establishment and vegetative growth. ProPlus accessories offer the most comprehensive line of hydraulic mulch additives to improve the soil's composition, and to assure effective on-site results.

**Prescriptive Agronomic Formulations** to correct deficiencies indicated through soil testing.

- » Seeds germinate more quickly and more completely.
- » Plants develop deeper roots for more sustainable results.



**Fiber Mulch Amendments** improve application efficiencies and performance of base mulches.

- » Hydraulic slurries shoot farther and spread more evenly.

**Tackifiers, Moisture Management and Dust Control** allow you to get the most out of your application on the ground.

- » Mulches bond to soil more securely.

For more detailed information, consult with your Conwed Fibers representative or visit [conwedfibers.com](https://conwedfibers.com).





[conwedfibers.com](http://conwedfibers.com)

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[facebook.com/profileEVS](https://facebook.com/profileEVS)

## Two trusted names, one industry-leading combination

The bag says Conwed Fibers®. What's inside was developed and manufactured by Profile Products, the world's largest manufacturer of hydraulic mulch. Profile® is widely recognized for developing innovative product solutions that deliver superior erosion control through faster and more dense vegetative establishment.



Green Design Engineering™ is a holistic approach that combines agronomic and engineering expertise with advanced technologies to provide cost-effective and earth-friendly solutions. Profile strives to deliver Green Design Engineering across our team of consulting professionals, innovative products and educational resources.

PS<sup>3</sup> is a free, comprehensive 24/7 online resource you can use to design a project and select the right products that address both the physical and agronomic needs of your site. It will help you develop holistic, sustainable solutions for cost-effective erosion control, vegetation establishment and subsequent reductions in sediment and other pollutants from leaving disturbed sites. Because good plans start with the soil, PS<sup>3</sup> offers free soil test to ensure this critical step is considered. To access the site, design your project and take advantage of a free soil analysis, visit [profileps3.com](http://profileps3.com).



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