

Rainier Fiber™



RAINIER FIBER™ BFM *Bonded Fiber Matrix*

DESCRIPTION

RAINIER FIBER™ BFM consists of long strand virgin wood fibers along with a high strength, non-toxic, hydrocolloid-based binder giving the product extra holding power. The system sprays on like mulch and forms a blanket that adheres to the soil surface. When dry, the blanket matrix is porous, erosion resistant and protects the soil surface. The matrix retains its integrity and soil protection despite re-wetting.

When applied over the soil surface, the wood fibers twist and interlock with each other and the soil as they dry. With the added binder, the holding power of the fiber to the soil is much stronger, providing increased erosion protection. The BFM is 100% biodegradable and is non-toxic to fish and wildlife

ADVANTAGES

- Stronger bonding of the fibers to the soil, increasing erosion protection.
- Mat blanket retains integrity after repeated rains.
- Conforms to all surface contours. Eliminates tenting and rilling.
- Pre-mixed blended binder disperses quickly in the slurry for fast hydration.
- Has no germination or growth inhibiting factors.
- High temperature steam processing sterilizes the fiber.
- Binder additive is homogeneously mixed with the fiber. It's all in one bag.

RAINIER FIBER™ BFM is fast to load in hydroseeding equipment from easy-to-handle plastic bags. The fibers are sized for maximum loading in a tank, and they make a homogeneous slurry of water, seed and fertilizer. The fibers remain in suspension during agitation and pumping, and the slurry does not dewater when doing hose work.

The green color allows the operator to apply an even application of material over the soil surface. The green dye added to the fiber during manufacture is non-toxic.

PRODUCT FEATURES

- Made from selected, fresh cut, clean, whole wood chips.
- Fiber stays in uniform suspension and blends with seed and fertilizer.
- Goes into slurry quickly.
- Forms a stable erosion control mat.
- Provides favorable micro-climate for fast seed germination.
- Pumps easy in hydromulching machines.
- *BFM* has no growth inhibiting factors.
- Fibers decompose after plants have established.

PRODUCT SPECIFICATIONS

RAINIER FIBER™BFM is manufactured to specific fiber sizes in a heat controlled environment to provide best job-site performance. Clean wood chips are softened by high temperature steam, and the thermo-mechanical refining process produces long, soft fibers. Fibrils and fiber bundles have physical features that tend to intertwine with each other forming a more protective blanket.

- Composition: Refined wood fiber (total weight basis)..... .90%
- Proprietary cross-linked binder (total weight basis).....10%
- Moisture content (total weight basis).....12.0% ± 3%
- Water holding capacity (per 100 grams oven dry fiber)min 1,300 gms.
- ColorGreen

RAINIER FIBER™BFM is compressed and sealed in heavy duty plastic bags that have a UV inhibitor. Each bag weighs 50 lbs. (22.7 kg) net and measures 10 x 19 x 29 inches. There are 40 bags per pallet which makes into a tight, stretch-wrapped unit.

APPLICATION

- Recommended Rates: 3,000 lbs/acre -- 2H: 1V slopes.
- 3,300 to 4,000 lbs/acre – slopes steeper than 2H: 1V
depending on site conditions.

Apply the *BFM* to make a uniform mat. Green dye is added to help the applicator maintain uniform coverage. The spraying should be done in two passes. Allow enough drying time between applications so some dry spots are showing on the surface of the fiber. Spray from two directions to avoid light coverage, or shadowing, on the back side of ridges and depressions. Application should be made sufficiently in advance of rainfall to allow some drying time.

FOR MORE INFORMATION PLEASE CONTACT:

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