

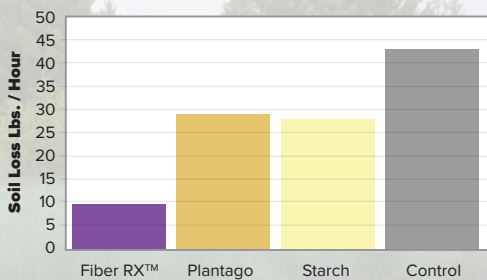
# INCREASES PERFORMANCE OF ALL HYDRAULICALLY APPLIED MULCHES

## IN FIELD ADDITIVE

- Proprietary Blend of Guar Gum Based Tackifiers
- Increases Performance of Hydraulically Applied Mulches
- Glues Fibers Together to Resist Movement from Rain & Wind
- Increases Viscosity for Easier & Uniform Application
- 3 Times More Effective Controlling Erosion Than Industry Alternatives

### Sediment Control

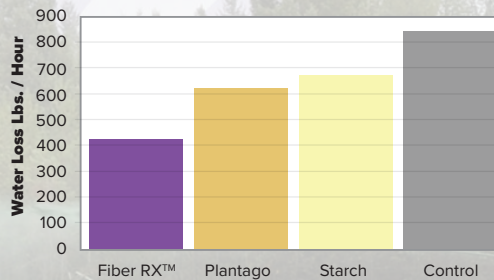
Based on Tackifier Rate of 60 lbs. / Acre (67 kg / Hectare)



**Binding Agents**

### Water Run Off

Increased Water Infiltration Results in Increased Erosion Control and Vegetation Establishment



**Binding Agents**

\*Test results completed at the Rainfall Simulation Facility at Utah Water Research Laboratory, Utah State University using a 2,000 lb / Acre (2,250 kg / hectare) Rate Wood Fiber slurry mix with 60 lbs / Acre (67 kg / hectare) named Tackifier. Products applied on 3:1 slope, allowed to dry, and rained on at 3 in. (7.6 cm) / hour rate, results recorded at 30 minutes.



**Profile<sup>®</sup>**

*Solutions for your Environment<sup>®</sup>*



**DESCRIPTION**

FiberRX® is a fine granulation guar gum specifically designed for the erosion control industry. This product meets or exceeds requirements for nonasphaltic tacking emulsions. FiberRX® increases flow and pumping volumes allowing equipment to run more efficiently and help reduce the need for reseeding while minimizing soil erosion.

**SPECIFICATIONS**

FiberRX® Tackifier is generally characterized as a 200-mesh powder, which typically yields a coldwater viscosity of 4100-4600 cps after hydrating for 2 hours. FiberRX® shall be of such character that it will disperse into a uniform slurry when mixed with water. FiberRX® shall be free from growth or germination inhibiting ingredients. FiberRX® shall be applied as a slurry solution by means of hydroseeder.

**MIXTURE RATES**

- 10 - 25 lbs per 1000 gallons (4.5 - 11 kg per 3,785 Liters) of water for Hydroseeding/Hydromulching work
- 40 lbs per 1000 gallons (18 kg per 3,785 Liters) of water for blown straw tacking.

It is imperative that FiberRX® is applied at the specified rate in a uniform manner for optimal performance. Add FiberRX® slowly into hydroseeder on low agitation after water has begun to cover the blades. Once FiberRX® is thoroughly mixed, add mulch, seed and fertilizer if necessary. When using as a Blown Straw Tackifier it is recommended to add 150 to 300 lbs (68 - 136 kg) of mulch fiber per 1000 gallons (3,785 Liters) of water for use as an aesthetic marker.

Physical Characteristics	
Toxicity	Non-Toxic
Applied Color	Clear
Surface Tension	Material will disperse and suspend when agitated in water
Absorbency	When sprayed uniformly at the recommended rate, the tackifier will form an absorbent cover which will allow percolation of water
Solubility	Water Soluble
Application Rate	Varies on Application
Granulation	
Through 100 Mesh	99% Minimum
Through 200 Mesh	90% Minimum
Viscosity (Brookfield Viscosity)	
15 Minutes	1800 - 2700
2 Hours	4100 - 4600

Packaging and Shipping Data	
Bag Weight	50 lb (22.7 kg)
Pallet	40 Bags
Full Truck	22 Pallets, 880 Bags
Packaging	Moisture Resistant Packaging

Composition	
Moisture	8.0% - 12.0%
Protein	4.5% Maximum
pH	5.2%-6.5%

Slope Gradient/Condition	lb/acre (kg/hectare)
< 2H:1V Slope	50 lb/ac (56 kg/ha)
2H:1V Slope	80 lb/ac (90 kg/ha)
Straw Tacking	90 lb/ac (101 kg/ha)



PHONE: 800-457-6748  
 www.profileproducts.com

For More Information Visit [www.hydrostraw.com](http://www.hydrostraw.com)

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