



12402 Hwy 2
Floodwood, MN 55736
www.matinc.biz

888-477-3028
Fax: 218-476-2039
matinc@matinc.biz

Quality Erosion Control Products

CERTIFICATE OF COMPLIANCE SPRAY GUARD® EROSION CONTROL SYSTEM

Mat, Inc. certifies that Spray Guard® has the properties and characteristics outlined below.

Spray Guard® is a Stabilized Mulch Matrix (SMM) style hydromulch produced by Mat, Inc. It is made from 87.5% wood, 4.5% synthetic fibers with an added binder for increased erosion control. The wood fiber is thermally pasteurized to 350° F and mechanically defibrated. Spray Guard® is manufactured to contain a specified range of fiber lengths, with a minimum of 25% of the fibers averaging .4 inches long and with 50% or more retained on a Clark fiber Classifier 24-mesh screen (a dry screening classification of fiber length). Mat, Inc. Packages Spray Guard® in durable plastic or paper bags measuring 9"x18"x36", weighing 50 pounds net each.

Spray Guard® disperses rapidly in water and remains in uniform suspension under agitation. It blends with seed, fertilizer and other approved and specified materials forming a homogeneous slurry. When applied with hydraulic planting equipment, the fibers form a continuous and strong, moisture holding mat.

The binder is formulated from Five elements:

1. A polysaccharide guar, commonly used in the erosion control industry
2. A standard agricultural fertilizer
3. A slow release fertilizer
4. A soil stabilizer
5. Dispersable synthetic fibers

Spray Guard's® cross-linking binder does not contain heavy metals in it's chemistry as compared to some other SFM style mulches. The binder provides added bonding among the fibers to hold soil, seed and fertilizer in place for rapid germination and growth. Upon drying, the binder becomes water insoluble and remains biodegradable, creating an effective temporary erosion control blanket.

Uniform application of Spray Guard® is facilitated by coloring the fibers green, using a water soluble, non-toxic dye. The product may be dyed yellow as per special orders.

Wood fiber:	> 89%
Guar gum tackifier:	<4.5%
Synthetic fibers	<2.5% ± 1
Trade secret:	<1%
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Green dye:	<1%
Moisture content:	12% ± 3

Spray Guard® is fully biodegradable and non-toxic. The material enriches the soil as it degrades leaving no residue. It is safe for wildlife and the environment.

Spray Guard® has been evaluated at the Mat, Inc. Quality Control Center in Floodwood, Minnesota. Product properties are determined using test methods that are scientifically sound and reliable to the best of our knowledge. Other test methods may produce slightly different results.

Joseph P. Karpik

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