

M-BINDER

MULCH TACKIFIER / SOIL STABILIZER

A Naturally Perfect Tackifier

M-Binder is a botanical glue used as an aid in hydroseeding, to stabilize soils, and for dust control. M-Binder is unsurpassed as a tackifier setting the standard for the industry since the early 1970's. It is 100% organic, made from the plantago (*Plantago insularis*) plant. The material used to make the glue is the protective coating of the plantago seed, known as psyllium. This outer coating's purpose in nature is to stick the seed to the soil to improve germination. M-Binder is composed of the finely ground outer coating of this seed. It works perfectly as a tackifier, doing exactly the job that nature intended.

Where to use M-Binder

M-Binder may be used anywhere you need to tack straw or mulch, or control dust and erosion, such as for highway, mine and pipeline reclamation, for revegetation and restoration projects, fire rehabilitation, landscaping and beautification.

Application

M-Binder may be applied as a dry powder or as a wet slurry to dry or wet surfaces. It may even be applied during rain. It does not require set-up or drying time because when it is wet it is a heavy muciloid material and when dry it is a firm but rewettable membrane.

M-binder may be used at varying rates depending on factors such as slope, porosity of the soil and wind conditions. We have found that a good general rate is 150 lb./acre.

- To tack straw: Apply M-Binder at 150-200 lbs./acre. We also recommend mixing with wood fiber at a rate of 200-300 lbs. per acre (to help keep tackifier on top of straw) and sufficient water to produce good slurry flow.
- For use with mulch: Apply M-Binder at 100-200 lbs./acre and wood fiber or paper mulch as specified.
- For use in dust control: Apply M-Binder at 100-200 lbs./acre depending on site conditions.

M-Binder is distributed by

granite
 **SEED**

Cost Effective

Increases plant density and seed retention.

Easy...

to handle, to apply and easy to clean up.

Versatile

Used for dust abatement, hydroseeding, straw and fiber tacking.

Improves...

slurry suspension and slurry flow.

Durable

Forms a firm, resilient, rewettable membrane which fastens seed to soil surface.

Safe

All organic, non-toxic, non-corrosive, safe for animals and plants.

Technical Specifications

<i>Protein content</i>	<i>1.62</i>
<i>Ash content</i>	<i>2.70</i>
<i>Fiber</i>	<i>4.00</i>
<i>pH of 1% solution</i>	<i>6.80</i>
<i>Settleable solids</i>	<i>5.00</i>