



## Specification Sheet – HydraWM™ Hydroseeding Mulch

### DESCRIPTION

The HydraWM hydroseeding mulch shall be a hydraulically-applied mulch composed of a proprietary blend of non-thermally refined wood fiber and high-strength flexible bast fibers. The HydraWM mulch requires no curing for soil erosion protection and establishes a close contour to the soil while maintaining the traditional cover of wood. As this product does not contain a tackifier, it's recommended that it be mixed with HydraTak for maximum performance.

The all natural fiber mulch shall satisfy the control performance criteria set forth in the Ceriodaphnia dubia, Daphnia magna and Pimephales promelas tests as described in EPA documentation (USEPA 2002) and the Region VIII Whole Effluent Toxics Control Program (EPA Region VIII 1997); therefore illustrating no significant toxicity for the mulch.

### Material Specifications

Contents	Blend of wood and flax-bast fibers
Packaging	50 lbs (23 kg) +/- 3%
Total Organic Matter	97.0% +/- 4%
pH at 25°C	7-8
Moisture Content	12% +/- 3%
Color	Natural Tan/Brown
Ground Cover @ 3000 lb/acre	95%
Functional Longevity	Up to 6 months
Acute Toxicity	Non-Toxic
Vegetation Establishment	400% improvement over bare soils
Water Holding Capacity	600-700%

*NOTE: Not for use in channels, swales, or other areas where concentrated flows are anticipated, unless installed in conjunction with a temporary erosion control blanket or permanent turf reinforcement mat. HydraWM may be applied on saturated surfaces. Do not allow foot traffic or grazing on treated areas until vegetated. Be cautious of slippery surfaces while applying. Warning: Do not store near an open flame or heat source. Use caution when stacking units. See Installation guide for more detailed information regarding application of the HydraWM.*

### Application

### Application Rate

Standard Hydroseeding	1,000 - 1,500 lbs/acre
Hydroseeding Rough Surfaces	2,000 lbs/acre

### MIXING

For optimal mixing, start filling the tank with water and purge spray tower, and recirculation lines. Once the water level has reached bottom of agitator, engage agitator in reverse at 1/2 to 3/4 throttle. Add seed and begin loading mulch into the tank. HydraWM should be mixed at a rate of one 50 lb bag to 90 gallons of water. Ensure all of the mulch is loaded by the time the tank is 3/4 full. Fertilizer should be added once all mulch is mixed consistently. Adjust the mixing ratio for optimal slurry thickness for your machine.

### Slope Gradient

### Tackifier Rate kg/Ha

### Tackifier Rate lbs/acre

< 4:1 (H:V) and basic reseeded	30-60	25-50
4:1 - 3:1 (H:V)	60-85	50-75
Dust Control, non-traffic areas	110-170	100-150

### Packaging

Bags are filled with 50 lbs (23 kg) of material and packaged in a UV and weather-resistant bag. Each pallet contains 40 bags or one ton of material with a plastic cover for enhanced protection from rain and UV rays.



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