



## Specifications

**Product Name:** Second Nature® Wood Fiber Hydraulic Mulch  
**Revision Date:** August 2015

### 1. Product Identification

Second Nature Wood Fiber Hydraulic Mulch (HM) is manufactured from thermo-mechanically processed 100% virgin wood chips. It is non-toxic, 100% biodegradable and contaminant free. Applying the HM forms a porous bond with the soil surface, enhancing seed germination and growth.

### 2. Mixing

Mix Second Nature Wood Fiber Hydraulic Mulch with approximately 100 gallons of water per 50 pound bag. Seed, fertilizer, tackifier, and soil amendments may be added at specified rates for a one-step installation of hydro seeding and erosion control projects. Loading rates should be per the machine manufacturer's guidelines.

### 3. Application

Second Nature Wood Fiber Hydraulic Mulch can be applied after adding seed and fertilizer or as a separate application. Good soil preparation is essential. Slurry containing seed and fertilizer is best applied from the hose by pointing the nozzle (fan-type / 50° tip recommended) straight down to drive the material into the soil. The application should then be finalized by allowing the material to "rain" on the surface to achieve approximately 75% coverage. Use cross-directional application of material to achieve optimal surface coverage.

Recommended Application Rates*		
Slope Gradient	US	Metric
Moderate	1500lbs / Acre	1700kg / Ha
4:1 to 3:1	2000lbs / Acre	2300kg / Ha

*\*Rates represent typical site conditions; Not recommended for channels or high concentrated flow areas*

### 4. Equipment

Second Nature Wood Fiber Hydraulic Mulch is mixed and applied with a standard hydro seeding machine.

*Note:* A mechanically agitated hydro seeding machine is recommended. Follow equipment manufacturer's installation instructions and recommendations.

### 5. Product Composition / Property Values

Thermo-Mechanically Processed Virgin Wood Fiber	100% (minimum)
Moisture Content	12% (±3%)
% Effectiveness	75% (minimum [ASTM D6459])
Cover Factor	0.25 (maximum [ASTM D6459])
Eco-Toxicity	Non-Toxic (EPA 821/R-02/012)
Water Holding Capacity	1200% (minimum)
Applied Color	Green
Functional Longevity	Up to 3 Months
Ash Content	2% max
Organic Content (dried wt. basis)	96% min
Biodegradability	100%

### 6. Packaging and Shipping

Bag Dimensions, Net Weight	18" x 10" x 26", 50lbs (UV / Weather-Resistant Plastic)
Pallet Dimensions, Quantity	46" x 46" x 101", 40 Bags (UV / Weather-Resistant Plastic Stretch-Wrap)
Full Truckload	22 pallets, 880 Bags

### 7. Technical Assistance

Technical Department: (800) 654-6117