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## NaturesOwn High Density Specification Sheet

NaturesOwn High Density mulch is a hydraulically applied wood cellulose fiber mulch manufactured from quality hand sorted newspaper and other recycled paper products to eliminate the possibility of synthetic plastic or other foreign materials that could inhibit germination. The inclusion of a non-toxic green dye provides a tracing attribute during application. High density mulch easily disperses in water.

**Applications:** General landscape seeding; Straw tacking; Mine reclamation; short term flat to 2:1 slope erosion control

**Recommended Application Rate:** General Seeding/Erosion control: 1,500 – 2,500 lbs/acre depending on the slope conditions, grading method, ground moisture, and percent ground coverage requirements according to project specifications.

Slope	Mod to 3:1	3:1 to 2:1	> 2:1
Application Rate	1,500 lbs/acre	2,000 lbs/ acre	2,500 lbs/ acre

The use of a quality tacking agent is highly recommended by the manufacturer for all application.

**Straw Tacking:** 750-900 lbs/acre with tackifier according to project specification rate.

**Overseeding:** 1,100 – 1,200 lbs/acre for flat to moderate slope conditions.

**Installation:** NaturesOwn High Density mulch should be applied following the manufacturer’s recommendations. NaturesOwn High Density mulch will work in any type of hydro-mulching machines in good working condition. In addition to using NaturesOwn High Density mulch, the use of slope interruption and/or water diversion BMPs is recommended for slopes that are more than 25 feet in length.

**Tackifier:** For best results, the manufacturer recommends the use of NaturesOwn Triple Tac™ in conjunction with High Density mulch for all applications. Specifications and application rates for Triple Tac™ can be obtained by contacting Hamilton Manufacturing.

<b>Test Data:</b>	Water Holding Capacity	1377% ASTM D7367	USDA Bio-Preferred
	Moisture Content	12% +/- 3%	Non-Toxic (passed acute toxicity)
	Organic Matter Content	>93%	Trout-96-h LC50
	Ash Content	<7%	100% Bio-Based ASTM D6866-11
	pH Range	5.9 +/- 2	
	Boron Content	<20 ppm	

**Composition:**

Wood Cellulose Fiber Blend.....88% +/-3%  
 Moisture Content (includes water and green dye).....12% +/-3%

**Packaging:** NaturesOwn High Density mulch is packaged in 50 pound bags with a 1 year UVI protectant added.  
**Pallets:** 45 bags/pallet or 2250 lbs/pallet. UV resistant weather covers are available upon request.

**Contacts:**

For technical information or distributor locations contact:  
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