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## NaturesOwn Evolution™ 70 Specification Sheet

NaturesOwn Evolution™ 70 is a hydraulically applied alternative fiber mulch for use as an erosion control Best Management Practice (BMP). NaturesOwn Evolution™ 70 is composed of long strand, long lasting agricultural fibers and wood cellulose fibers which when properly applied in combination with the manufacturer's recommended tackifier forms an intimate bond within the mulch-soil interfaces. NaturesOwn Evolution™ 70 forms a non-toxic, biodegradable and flexible mulch matrix that contains no foreign seed or any components that will inhibit seed germination.

**Recommended Application Rate:** 2,300 – 4,000 lbs/acre in a 1- or 2-step application depending on the slope conditions, grading method, ground moisture, and percent ground coverage requirements according to project specifications. For maximum mulch matrix effectiveness, a 2-step application is recommended by the manufacturer.

Consult manufacturer for recommended 2-step application procedure.

**Installation:** NaturesOwn Evolution™ 70 should be applied following the manufacturer's recommendations. Only mechanical agitated hydro-mulching machines in good working condition should be used to apply NaturesOwn Evolution™ 70. In addition to using NaturesOwn Evolution™ 70, the use of slope interruption and/or water diversion BMPs is recommended for slopes that are more than 50 feet in length.

**Applications:** Erosion and sediment control; Dust abatement; Straw tacking; Mine reclamation; Moderate to steep slope vegetative seeding.

**Tackifier:** For best results, the manufacturer recommends the use of NaturesOwn Triple Tac™ in conjunction with Evolution™ 70 for all applications. Specifications and application rates for Triple Tac™ can be obtained by contacting Hamilton Manufacturing.

<b>Test Data:</b>	Water Holding Capacity	>1200%
	Moisture Content	12% +/- 3%
	Organic Matter Content	>95%
	Ash Content	<5%
	pH Range	7.1 +/- 2

**Composition:**

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

**Packaging:** NaturesOwn Evolution™ 70 is packaged in 50 pound bags with a 1 year UVI protectant added.  
**Pallets:** 40 bags/pallet or 2000 lbs/pallet. UV resistant weather covers are available upon request.

For technical information or distributor locations contact:

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