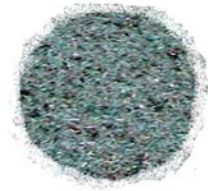




SUPPLEMENTAL SPECIFICATION



HydraCX²
Cotton Fiber Reinforcement Matrix

The North American Green HydraCX² Cotton Fiber Reinforcement Matrix (C-FRM) shall be a hydraulically-applied matrix composed of a patent-pending blend of mechanically processed cotton fibers, straw fibers, performance-enhancing tackifiers, and other proprietary additives. The HydraCX² requires no curing for soil erosion protection, and establishes an intimate bond upon application with the soil's surface to create a continuous, porous, absorbent and flexible erosion control matrix that allows for rapid germination and accelerated plant growth. The HydraCX² is 100% biodegradable, environmentally friendly, and consists of 90.9% organic matter.

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

<u>Property</u>	<u>Test Method</u>	<u>Typical</u>
Thickness	ASTM D6566	0.18 in (4.6 mm)
Mass per Unit Area	ASTM D6525	13.45 oz/yd ² (457 g/m ²)
Ground Cover	ASTM D6567	97.9%
Stiffness	ASTM D6575	612 mg/cm
Cure Time	Observed	No cure time
Color	Observed	Green
Functional Longevity	Observed	Up to 12 months
Performance		
Cover Factor (6 in/ hr event)	ASTM D6459	0.004
Percent Effectiveness	ASTM D6459	99.6%

Manufacturing: HydraCX² is manufactured and privately labeled for North American Green by Mulch & Seed Innovations, LLC. HydraCX² is manufactured within a set of quality guidelines established only after years of product development and rigorous testing in varying conditions.