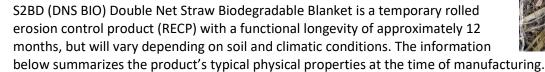


SPECIFICATION SHEET

DOUBLE NET STRAW BIODEGRADABLE EROSION CONTROL BLANKET





Size (WxL):	8' x 112.5'	16' x 112.5'	8' x 562.5'	16' x 562.5'		
Two Nets: Top & Bottom	Natural organic net with $0.5'' \times 1.0''$ net openings. Other net types, such as polypropylene and rapidly degrading, are available upon request.					
Stitch Spacing:	Degradable stitching is sp	Degradable stitching is spaced 1.5 inches apart.				
Matrix:	· '	Evenly distributed with 1000% agricultural cured weed-free straw is placed at a rate of 0.5 lbs/yd² between two nets and stitched together.				
Packaging:	All rolls are wrapped tightly with stretch wrap to protect the RECP from the weather and elements.					

TEST METHOD - DESCRIPTION	PARAMETERS	TEST RESULTS
ASTM D6475 - Mass per Unit Area	Index Test	8.45 oz/sq.yd.
ASTM D6818 - Ultimate Tensile Strength / Strain (MD & TD)	Index Test	15.8 lb/in 10.8 lb/in
ASTM D6525 - Thickness	Index Test	249 mils
ASTM D6567 - Ground Cover / Light Penetration	Index Test	88.5 % / 11.5 %
ASTM D1117 & ECTC-TASC 00197 - Water Absorption	Index Test	476 %
ASTM D7101 - Determination of Un-vegetated	50 mm (2 in.) / hr for 30 min.	Soil Loss Ratio _{a,b} = 38.42
RECP Ability to Protect Soil from Rain Splash and	100 mm (4 in.) / hr for 30 min.	Soil Loss Ratio _{a,b} = 22.33
Associated Runoff under Bench-Scale Conditions	150 mm (6 in.) / hr for 30 min.	Soil Loss Ratio _{a,b} = 9.71
ASTM D7207 - Determination of Un-vegetated	Shear: 1.14 psf for 30 min.	Soil Loss _b = 68.3 g
RECP Ability to Protect Soil from Hydraulically-	Shear: 2.05 psf for 30 min.	Soil Loss₀ = 328.3 g
Induced Shear Stresses Under Bench-Scale	Shear: 2.73 psf for 30 min.	Soil Loss₀ = 688.3 g
	Soil loss curve intercept =	2.32 psf @ 1/2-in soil loss
ASTM D7322 - Determination of Temporary	Top soil; Fescue (Kentucky 31)	
Degradable RECP Performance in Encouraging	21 day incubation; 27±2° &	553 % (germination improvement)
Seed Germination and Plant Growth	approximately 45±5% RH	

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