

Biodegradable Straw Blanket

Intended for use in channels or on slopes requiring erosion protection for a period up to twelve months.



- ♦ Temporary straw blanket is composed of 100% certified weed-free agricultural straw matrix, mechanically stitch-bonded on 2" centers to a single, synthetic photodegradable net.
- ♦ The net is secured to the top of the RECP to restrain the straw matrix once installed.
- ♦ Actual field longevity is dependent on soil and climatic conditions.

Each roll is manufactured under a quality assurance program to ensure a continuous distribution of fibers and consistent thickness.

Biodegradable Straw Blanket Properties:

Index Property	Test Method	Typical
Thickness	ASTM D6525	0.50 in. (12.7 mm)
Resiliency	ECTC Guidelines	78.8%
Water Absorbency	ASTM D1117	301%
Mass/Unit Area	ASTM D6475	9.76 oz/sy (332 g/sm)
Swell	ECTC Guidelines	15%
Smolder Resistance	ECTC Guidelines	Yes
Stiffness	ASTM D1388	6.31 oz-in
Light Penetration	ASTM D6567	6.0%
Tensile Strength - MD	ASTM D6818	122.4 lbs/ft (1.81 kN/m)
Elongation - MD	ASTM D6818	36.1%
Tensile Strength - TD	ASTM D6818	79.2 lbs/ft (1.17 kN/m)
Elongation - TD	ASTM D6818	26.8%
Biomass Improvement	ASTM D7322	301%



Standard Roll Sizes	
Width	8.0 ft (2.4 m)
Length	112.5 ft (34.14 m)
Weight ± 10%	50 lbs (22.68 kg)
Area	100 sq yd (83.61 sm)

Material Content		
Matrix	100% Straw Fiber	0.5 lbs/sq yd (0.27 kg/sm)
Netting	Top side only, lightweight photodegradable	1.5 lb/1000 sq ft (0.73 kg/100 sm)
Thread	Degradable	