



EROSION CONTROL
TECHNOLOGY COUNCIL
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DIRECTING MEMBER



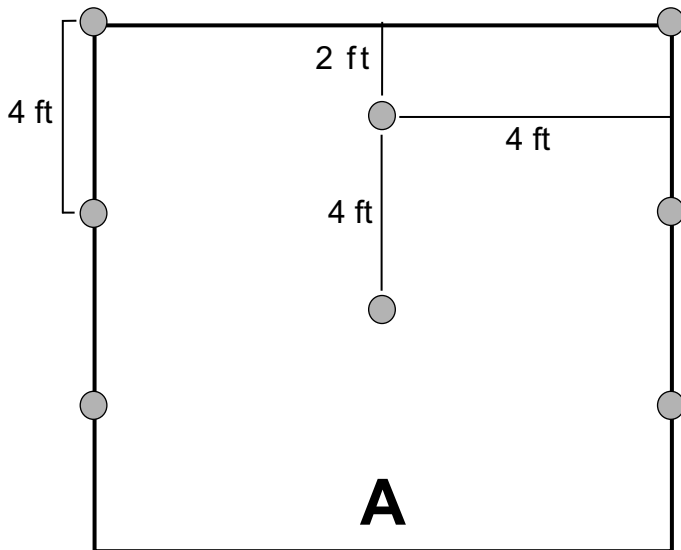
AEC Premier Straw[®] Staple Pattern Guide

For 8 ft wide AEC Premier Straw Erosion Control Blankets

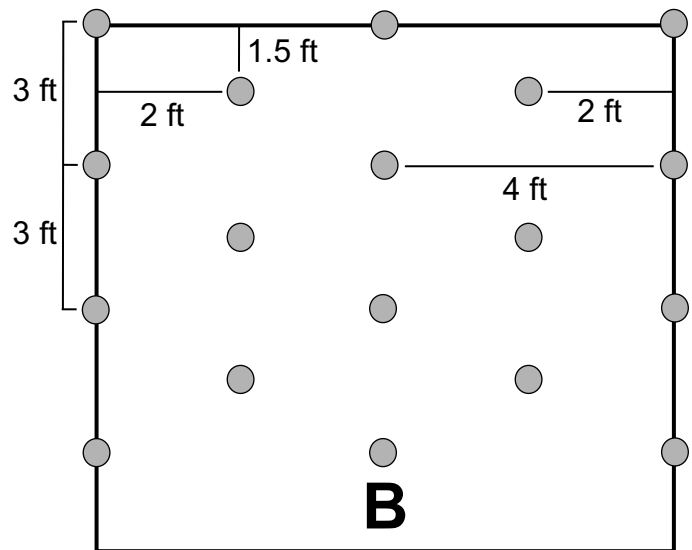
Adjust horizontal staple spacing for 16 ft wide AEC Premier Straw Erosion Control Blankets

Application	Slope			Channel ≤ 1.75 lb/ft ² (84 Pa) Shear Stress ≤ 7.0 ft/sec (2.1 m/sec) Velocity
	≤ 4H:1V	≤ 3H:1V	≤ 2H:1V	
Staple Pattern	A	B	C	C

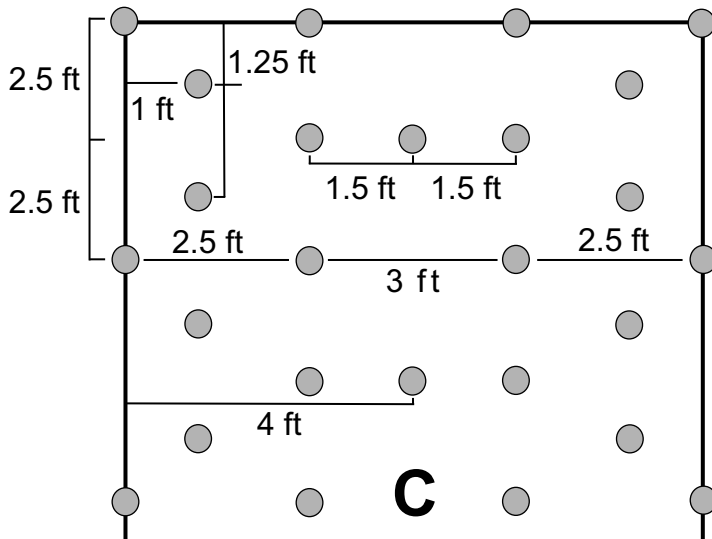
● = Staple Placement



0.9 Staples/yd²



1.9 Staples/yd²



2.5 Staples/yd²

Notes:

1. Recommended staples are a minimum 4 in biodegradable E-Staple[®], as provided by American Excelsior Company, or 6 in wire for cohesive soils and 6 in biodegradable E-Staple[®], as provided by American Excelsior Company, or 8 in wire for non-cohesive soils.
2. For best results insert staples so heads are parallel to the flow of water.
3. For additional pull-out resistance, consider using TL-TA2 Gripple twist anchors for tough/cohesive soils or TL-TA1 Gripple twist anchors for moderate/non-cohesive soils.
4. Adjust staple pattern so staples are placed in critical channel points (e.g. slope interface, channel bottom) as illustrated below:

Critical channel points are circled.

