

MATERIAL SPECIFICATION

803. Straw Blankets

1. Scope

This specification covers the quality of straw blankets and staples.

2. Straw Erosion Control Blanket

The blanket shall consist of a machine produced mat of straw fiber and shall be furnished in rolls and meet the following minimum requirements:

- a. **Weight** – 0.5 lbs. per yd², $\pm 10\%$.
- b. **Material** – 100 percent weed free straw.
- c. The straw blanket shall be bound to the netting with a biodegradable thread sewn on 1½” centers.
- d. The top and bottom of each blanket may be covered with a 5/8 by 5/8 of an inch opening size biodegradable or non-biodegradable netting.
- e. All material shall be new and unused.

3. Staples

Staple length shall be chosen based on soil type and conditions. "U" shaped wire staples of 0.12 inch in diameter (No. 11 wire gage) or greater, with a minimum leg length of 6 inches and minimum crown of 1 inch shall be used. In sandy soils the minimum leg length of staples shall be 9 inches. Circle-top staples are also acceptable. They shall meet the material specifications previously stated.