

## MATERIAL SPECIFICATION

### **800. Coconut Blankets**

#### **1. Scope**

This specification covers the quality of coconut fiber blankets and staples.

#### **2. Coconut Fiber Erosion Control Blanket**

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

- a. Weight – .50 lbs. per yd<sup>2</sup>,  $\pm 10\%$
- b. Material – Not less than 100 percent coconut fiber unless mixed with another product, then it shall be at least 30 percent coconut fiber.
- c. The coconut fiber shall be bound to the netting, sewn with stitching on 1½ inch centers.
- d. The top and bottom of each blanket may be covered with 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 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 meeting previously stated requirements.