

## **Part 650 – Engineering Field Handbook**

### **Chapter 7 – Grassed Waterways**

#### **IL650.0705 (g) Guidance for Use of Erosion Control Blanket in Grassed Waterways**

- A. Establishment of vegetation is critical for the success of a grassed waterway. One tool to help with vegetation establishment is use of an Erosion Control Blanket (ECB). An ECB is recommended for use where vegetation establishment may be difficult, such as:
- (1) Areas where significant earthfill is to be placed in the center half of the channel during the construction of the grassed waterway.
  - (2) Waterways with easily erodible or erodible soils, such as:
    - (i) Soils with sand textural soil classification
    - (ii) Soils with silt textural soil classification
    - (iii) Soils with Plasticity Index (PI) less than 10
- B. The recommended minimum width of the ECB is  $\frac{2}{3}$  the top width of the waterway.