



**School of Plant,  
Environmental &  
Soil Sciences**

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## Cordgrass for Coastal Restoration

**Inventors:** Carrie Knott, Michael Materne, Herry Utomo, Prasanta Subudhi, Niranjan Baisakh, Stephen Harrison

### **Description:**

AgCenter scientists have developed several fast-growing varieties of smooth cordgrass to promote stable, long-term coastal restoration. These new varieties increase genetic diversity and allow greater adaptation to environmental changes. The cordgrasses also produce a high number of viable seeds that could allow them to quickly establish a wide area and provide dense coverage. The varieties are most effective in natural brackish and saline marsh environments.

### **Advantages:**

- More effective coastal restoration
- Rapid growth
- Greater adaptability

### **Commercial Uses:**

- Coastal restoration

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