

### Cogongrass

This weed was not found in the resource inventory. It is included because it is known to occur in Florida and the effect it has on the natural plant communities it infests.

All treatments will be conducted according to the recommendations included in UF publication SS-AGR-52, WEEDS IN THE SUNSHINE: Cogongrass (*Imperata cylindrica* (L.) Beauv.) Biology, Ecology and Control in Florida – 1999.

Spot treatment with an approved chemical is the recommended method to control this weed, due to the scattered nature of the infestation. However, if dense stands are found the infestation may be treated with a broadcast applicator.

### Smutgrass

All treatments will be conducted according to the recommendations included in the UF publication SS-AGR-18, Smutgrass Control in Perennial Grass Pastures, or other applicable guidance.

When Velpar is used to control smutgrass, a 60-day cattle withdrawal period is required by the label instructions. Mowing after seed head development is an ineffective control of this weedy grass, as it tends to spread the seed over a larger area.

### Dogfennel

All treatments to control dogfennel will be conducted according to the recommendations provided in the UF publication WEEDS IN THE SUNSHINE: Weed Management In Pastures and Rangeland – 2001 or other guidance material.

#### Other Pest Plants

All fields will be inspected regularly to locate invasive and undesirable plants. When plants are located they will be managed using approved methods of control. Selection of control methods will be based on environmental and economic considerations. The UF publication WEEDS IN THE SUNSHINE: Weed Management in Pastures and Rangeland – 2000 will be used as guide to current control recommendations.

## **PLANNING CONSIDERATIONS**

The following guidelines will be followed when selecting methods of pest management.

1. Pest Management will be done within current environmental regulations.
2. Pesticide recommendations can change frequently.
  - Registrations may be canceled or added at any time. Recommended rates or products that were valid at the start of the growing season may change. Therefore, it is the producers' responsibility to check with the county extension agent for the most recent recommendations.
  - Select the proper pesticide based on the target species, effects to non-target species, and the soil leaching and runoff characteristics. Soil leach and runoff characteristics are found on the attached form FL-CPA-15. Use the following UF/IFAS circulars and Fact sheets when selecting and using pesticides;
    - Circular 992 - "Pasture: Managing Pesticides for Crop Production and Water Quality Protection" revised Jan., 1998.
    - SS-AGR-100 - "Principles of Weed Management" revised January 2000.
    - SS-AGR-16 - "WEEDS IN THE SUNSHINE: Approximate Herbicide Pricing – 2000."