

Objective:

This session pertains to the knowledge of turfgrass, including history, varieties, benefits of usage, and survival needs. It also pertains to the establishment and death of turfgrass as well as usage needs within the City of Virginia Beach.

**I. Introduction of Instructor and Subject**

**II. Description of turfgrass**

**III. History of turfgrass**

**IV. Benefits of turfgrass**

**A. Environmental Benefits**

**B. Surface Benefits**

**C. Visual Benefits**

**V. Uses**

**VI. Varieties of turfgrass**

**A. Warm Season**

- 1. Bermuda**
- 2. St. Augustine**
- 3. Centipede**
- 4. Other Warm Season**

**B. Cool Season**

- 1. Fescue**
- 2. Bluegrass**
- 3. Rye**
- 4. Bentgrass**

**VII. Survival Needs**

- A. Sunlight**
- B. Water**
- C. Nutrients**
- D. Soil**
- E. Air**

**VIII. How We Supply it's Needs**

**IX. Establishment of Turfgrass**

- A. Seed**
- B. Sod**
- C. Plugs and Sprigs**

**X. Death of Turfgrass**

- A. Heat**
- B. Sun**
- C. Scalping**
- D. Fertilizer and Chemical Burn**
- E. Disease**
- F. Insects**
- G. Traffic and Compaction**

**XI. City of Virginia Beach Need for Turfgrass**