

Student presents research on water use of bluegrass varieties on Capitol Hill

02/10/2016

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Water Use of Kentucky Bluegrass varieties

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I. Introduction

- As the drought continues in the West, water conservation is becoming a top priority for many homeowners and businesses.
- Water-efficient landscaping is a key to reducing water consumption in the home.
- Water-efficient landscaping can help reduce water consumption and help conserve water resources.
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II. Objective

- To determine water use, quality, and quantity of water used by different varieties of Kentucky bluegrass.
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III. Methods

- Water use was measured using a lysimeter system.
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IV. Results

- Water use was significantly lower for the water-efficient varieties.
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- Water use was significantly lower for the water-efficient varieties.

V. Conclusions

- Water-efficient varieties are a good choice for water conservation.
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Figure 1: Daily Average Water Use (mm)

Figure 2: Daily Average Water Use (mm)

Figure 3: Daily Average Water Use (mm)

Figure 4: Daily Average Water Use (mm)

Image 1: Kentucky Bluegrass Varieties

Utah State University

USU student Shawn Foster presents research on Utah's Capitol Hill in January 2016. His poster, titled 'Water Use of Kentucky Bluegrass Varieties', evaluates water-efficient varieties that may result in less irrigation, yet maintain quality and function of the turf.

Shawn Foster is an undergraduate plant science major with the Department of Plant Soils and Climate at Utah State University. He worked with Dr. Paul Johnson and graduate student Paul Harris. For more information about the Center for Water Efficient Landscaping turfgrass research, please visit: cwel.usu.edu/turf.