CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY

Name(s)
Dylan P. Webster

Project Number
J1627

Project Title
Living With Drought

Abstract

Objectives/Goals
The objective was to determine the most drought resistant grass. I believed that Annual Ryegrass would grow the best, and prove to be the most drought resistant grass.

Methods/Materials
Four types of grass were tested in three different experiments. Experiments one and three measured growth of height of each grass. Experiment one received 150 ml of water per week for five weeks, and experiment three received 210 ml per week for three weeks. Experiment two measured number of seeds germinated, receiving 30 ml of water per week for three weeks. Experiments two and three were repeated twice each. The grasses were placed under growing lamps for 24 hours per day.

Results
Tall Fescue consistently grew the best in all of the experiments. Bermuda consistently grew the least.

Conclusions/Discussion
My conclusion is that Tall Fescue proved to be the most drought resistant grass out of the grasses I tested.

Summary Statement
My project was to find out the most drought resistant grass.

Help Received
Used growing lamps at Alta Sierra Intermediate lab under the supervision of Mr. Piercy; mother and father helped with matting of pages.