



California Science Center
CALIFORNIA STATE SCIENCE FAIR
2001 PROJECT SUMMARY

Your Name (List all student names if multiple authors.) Anna C. Melby	Science Fair Use Only <h1 style="margin: 0;">J1616</h1>
Project Title (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9) Cool Season Grasses	Division <u>X</u> Junior (6-8) _ Senior (9-12)
Preferred Category (See page 5 for descriptions.) 16 - Plant Biology	
Abstract (Include Objective, Methods, Results, Conclusion. See samples on page 14.) Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges.	
<p>Objective: I tested six varieties of grasses--five cool season varieties and Hybrid Bermuda. According to my research, the perennial rye grows well in our area, and I thought it would perform the best overall. My research also recommended avoiding grasses that were cheap and/or promised "quick" growth. One of the varieties was "Kwik Grass" which happened to be the least expensive at the store I visited.</p> <p>Materials and Methods: I planted 15 seeds of each variety--five in each peat pot. Each pot had the same amount of soil and water. Each pot was checked twice a day for new growth. At the end of two weeks each blade of grass was measured.</p> <p>Results: The Kwik Grass brand had the highest percent of germination (100%), it grew the fastest, and it had the highest average height.</p> <p>Conclusion: My results did not support my hypothesis. The perennial rye was not the best performer overall, but it was not the poorest either.</p>	
Summary Statement (In one sentence, state what your project is about.) Six varieties of grasses were tested for height, percentage of germination, and order of germination.	
Help Received in Doing Project (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4. I did my whole project, but my mother helped me use the paper cutter because she has seen children hurt themselves on them.	