



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Katie L. Bakken	Project Number J1601
Project Title What Julian Apple Produces the Most Apple Cider?	
Abstract Objectives/Goals Coming from a small town in the mountains of San Diego, I wanted to see what locally grown apple from Julian would produce the most juice for apple cider. In the fall our little town sells alot of cider, and apple pies from the local orchards who grow the fruit. Methods/Materials Apple press, clock, newspapers, pots and pans, clear measuring cup with mL markings, scale that measures in pounds, knife, and paper and pen to record your data. Results When I did my apple pressing for my testing,it came out to be that the most apple cider to the least apple cider. Since I did my experiment three times the conclusion was that the Red Delicious with 560.3mL produced the most juice for cider. The results for the other varieties are as listed. Wine Sap with 501.67mL, Granny Smith with 486mL, Jona Gold with 471mL, and Golden Delicious with 447.1mL. Conclusions/Discussion In my conclusion it came to see that the Red Delicious prodoce the most apple cider. So my hypothesis of the Granny Smith was wrong and came in 3rd place. But even though the Red Delicious won, it does not mean it is the best tasting apple alone to make the best apple cider. To have the best tasting cider you have to mix varities together.	
Summary Statement What apple from locally grown orchards in Julian produces the most juice for apple cider.	
Help Received My neighbor allowed me to use their apple press machine for pressing apples, with guidance from my sister Kristin.. My mom and dad provided me with the camara, an helping me get my pictures developed. My parents also gave me dirction in how to lay my backboard.	