



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Natalie M. Garcia	Project Number S1605
Project Title How Will Coca-Cola Affect the Growth of Plants?	
Abstract Objectives/Goals For my science fair experiment I wanted to find out how will Coca-Cola affect the growth of plants. I hypothesized that the plants would grow taller and grow more leaves. Methods/Materials In my experiment I got three groups of plants and gave one group Coca-Cola, one group water, and one group nothing. At the end of each week I would measure the growth of the plants by measuring how tall each plant was and how many leaves each plant had. I then compared the growth of the plants according to their height and the number of leaves on each plant. Results My results were that the Coca-Cola plants died quicker, grew smaller, and did not grow more leaves. The plants that were given water stayed about the same height and grew a few more leaves. The plants that were given nothing ended up dying very quickly and they dried up very quickly. Also Coca-Cola causes for a foul odor to develop in the soil of the plants and for flies and ants to come and invade the plants. Conclusions/Discussion In conclusion my hypothesis was not supported through my data and experiment. Coca-Cola does not cause for plants to grow taller and grow more leaves. In the end Coca-Cola is very bad for plants and causes for them to dry up faster, die quicker, grow smaller and not to grow as many leaves. My experiment showed that Coca-Cola is not good for plant growth.	
Summary Statement My project is about how will the growth of plants be affected by the plants being given Coca-Cola instead of water.	
Help Received I did my project all on my own. I did not receive help from anyone else.	