



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Desiree B. Bagby	Project Number J1103
Project Title The Beet Goes On: Finding the Best Edible Dye	
Abstract Objectives/Goals The point of my project was to test whether coffee, beets, spinach, mustard, or blueberries make the best dye. I dyed cloths with these foods and saw which one faded the fastest. Methods/Materials My methods for testing were five washes and seven days of sun exposure. After all of this I compared the test subjects to a chart of shades and the shades varied from zero to ten. Results While the test subjects all faded throughout the experiment, beets faded the most while mustard faded the least. Conclusions/Discussion At the end of my project, I came to find that mustard had the best colorfastness and washfastness. I also found that beets were easily washed out and they were easily broken down by light exposure.	
Summary Statement The point of my project was to test the dying capabilities of various everyday substances.	
Help Received Michael Davis helped with report	