CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY

Name(s)
Joan O. Moorehead

Project Number
J1719

Project Title
Which Method Is Best for Sustaining Flower Color?

Abstract

Objectives/Goals
Goal: To find which method of preserving flowers is best for sustaining the true color of the flower.

Methods/Materials
I used four different methods to preserve the flowers: hanging, smashing, sand , and micro-waving. I took the flowers to the Behr Color Smart machine at Home Depot to test the color before and after I preserved them. I charted the level of color change using the sample color chart.

Results
The results proved my hypothesis correct. The flowers that were micro-waved stayed truest to their original color.

Conclusions/Discussion
The micro-waved flowers' color did not alter as much as the flowers preserved using the other methods; but the shape and strength of these flowers were changed dramatically. The flowers that were hung darkened by several hue levels, but they stayed closest to there original shape and strength.

Summary Statement
My project was focused on preserving the color in flowers.

Help Received
I used the Behr Color Smart machine at Home Depot