

CALIFORNIA STATE SCIENCE FAIR 2012 PROJECT SUMMARY

Name(s)	Project Number
Austin P. Ambrose	J1703
Project Title	
Bio-Friendly Ant Repellant	
Abstract	
Objectives/Goals The objective of this project iss to create an effective, bio-frien	ndly, ant repellant
Methods/Materials	ary, and rependint.
 This project uses 5 different spices, and water. The spices are placed in a garden area with sugar water on top are on a board, they are sprayed with the spice mixtures to check t away ants(several experiments are done with each spice mixtu computer are used to determine each spray's effectiveness (and Results Paprika diluted in water caused, on average, a greater percenta of spray compared to 4 other spices diluted in water, and plain Conclusions/Discussion The paprika mixture is environmentally friendly, and doesn#t drivea ants away. Creating sprays like this will hopefully contributed on the percenta of spray with the spice sprays like this will hopefully contributed in the spice sprays like this will hopefully contributed in the spice spray with the spice spices. 	ater, and then put into spray bottles. Cutting used to attract ants. When enough ants are he effectiveness of each mixture in driving re, and plain water). A video camera and I the effectiveness of plain water) age of ants to exit the boards within 1 minute water. Plain water was the least effective. kill, but rather quickly and effectively
Summary Statement	
The purpose of this project is to find a bio-friendly ant repellant that drives away ants without killing them	

Parents helped set up experiment areas