

## CALIFORNIA STATE SCIENCE FAIR 2003 PROJECT SUMMARY

Name(s)	Project Number
Julia M. Reintjes	J1430
Project Title Crickets and Caffeine	
Objectives/Goals Abstract	
My project was to determine if caffeine could be used as a na <b>Methods/Materials</b> 90 live field crickets were separated evenly into nine disposal poked into the lids for ventilation. Vivarin, which is pure caf sprinkled onto the thin slices of juicy potato. Three slices we slices had 400 milligrams worth of caffeine on them. Three s on them. The potatoes were placed in the boxes with the cric 8:00 a.m. and 8:00 p.m. and the dead crickets were counted. <b>Results</b> The crickets that ate the caffeine had a much higher death rat 400 and 800 milligram groups, nine to ten crickets out of ten three, four, and six crickets dead by the sixth day. <b>Conclusions/Discussion</b> Caffeine does work as a natural pesticide for crickets. My ne amounts of caffeine to see the lowest amount that would be e	ble Tupperware containers. Holes were feine, was crushed into a fine powder and re left plain for the control group. Three slices had 800 milligrams worth of caffeine kets. The boxes were checked every day at e than the control group. By day six, in the were dead. The control groups only had
Summary Statement My project determines that caffeine is a natural pesticide for	crickets.
Help Received Mom and Dad helped sort crickets and buy supplies.	