



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) David J. Anderson	Project Number 23107
Project Title Eggs n' Veins	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My objective was to find out if spider mites lay their eggs in the same areas on the leaves of different plants.</p> <p>Methods/Materials I selected three different types of plants and infested them with spider mites. I took four samples of leaves from each plant and viewed them under a microscope. In total I tested 36 leaves. My investigation is still continuing today as I am still studying leaves.</p> <p>Results I found that spider mites lay their eggs on the edge of the tomato plant leaves. They laid their eggs near the main veins of the other plants.</p> <p>Conclusions/Discussion I noticed that the tomato plant leaves had a heavy density of trichomes and that the other leaves didn't. I believe that this is the reason that they lay their eggs on the edges of the tomato plant leaves. My research is still continuing.</p>	
Summary Statement Trichomes on leaves seem to have an affect on where spider mites lay their eggs on leaves.	
Help Received Bobbie Orr, Syngenta, use of microscope and spider mites	