



**CALIFORNIA STATE SCIENCE FAIR  
2002 PROJECT SUMMARY**

<b>Name(s)</b> Genevieve G. Mount	<b>Project Number</b>  22185
<b>Project Title</b> Choosing a Vacation Home for Your Aphid	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> My goal was to test whether aphids, would live on their commercially grown summer host plants, if those hosts were planted in the winter.</p> <p><b>Methods/Materials</b> Replications of 6 commercially grown summer hosts were randomly planted outside. Every week the amount of aphids was counted (not estimated) and recorded. Winter hosts were also checked to make sure there were aphids present.</p> <p><b>Results</b> Aphids were found on all of the commercially grown summer hosts. There were more aphids on some hosts than others.</p> <p><b>Conclusions/Discussion</b> Aphids will live on commercially grown summer hosts in the winter if those summer hosts are available. some crops had more aphids than others. There were 4 crops in particular that hosted the most aphids. Aphids seem to prefer some hosts more than others. This would be an area for further study. This shows that aphids will go to summer hosts during the winter.</p>	
<b>Summary Statement</b> Testing whether aphids are attracted to their commercially grown summer hosts if the summer hosts are available during the winter.	
<b>Help Received</b> My Dad helped plant plants and helped to glue the papers on my display board.	