



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Elizabeth Jimenez	Project Number S1609
Project Title The Effects of Gibberellic Acid on Seed Germination	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals Seed germination is the process in which a shoot and a root emerge from a seed thereby ending its dormant stage. Gibberellic Acid is a naturally occurring plant hormone that triggers germination of seeds by helping them sprout. By manipulating the level of Gibberellic Acid seeds are exposed to, farmers are able to better control when their crops will sprout. As a result, farmers are able to better gauge when to harvest their crops. In my experiment I decided to study the effect of Gibberellic Acid on seed germination. I hypothesized that if Gibberellic Acid is added to seeds when they are germinating, then the seeds will germinate faster than if they were treated with only water.</p> <p>Results For two weeks I recorded any changes that had occurred. However I was unable to collect enough data to definitely determine whether or not farmers should routinely use Gibberellic Acid.</p>	
Summary Statement My project focused on the effect of adding Gibberellic Acid to germinating seeds.	
Help Received Ms. Honeycutt helped revise my report and helped with statistical analysis.	