

## CALIFORNIA STATE SCIENCE FAIR 2004 PROJECT SUMMARY

Kevin C. Hall	Project Number <b>S1604</b>
Project Title Stimulating the Fruit Ripening Process	
Abstract	
Is the fruit ripening process in bananas, pears, and avocados acce amount of sunlight, ethylene gas exsposure, being in an open air of environment? <b>Methods/Materials</b> The materials that were used in the course of my project were 24 bananas, 12 brown paper bags, 24 ziploc bags, 18 open Tupperwa card table. <b>Results</b> The fruits that were in open containers with apples, and were eith tempertature ripened the fastest. The open containers containing f bag by a considerable amount. The slowest ripening condition wa the refrigerator. <b>Conclusions/Discussion</b> My conclusion is that the fruits that were exposed to an apple, wh were in an open air container ripened the fastest. The conditions t most were the fruits in a brown paper bag (no sunlight) and the fr to the fact that the exposure of the fruits to air, and all of its eleme really speed up the process. Fruits that are ripened with apples in or in a brown paper bag will ripen at the greatest speed.	lerated the fastest by temperature, environment, or being in an air tight apples, 16 pears, 16 avocados, 16 are containers, 1 digital camera, and 1 her in a brown bag or at room fruit rripened faster than those in a ziploc as the combinations that were inside of hich produces ethylene gas, and that that stimulated the ripening process the ruit at room temperature. I attribute this ents, mixed well with the ethylene to an open container at room temperature

My mother helped me by driving me to the store to buy the fruits, and also my sister for giving me good ideas on being creative.