



**CALIFORNIA STATE SCIENCE FAIR  
2004 PROJECT SUMMARY**

<b>Name(s)</b> <b>Blake L. Emberson</b>	<b>Project Number</b> <b>J0505</b>
<b>Project Title</b> <b>Which Orange Juice Contains the Most Vitamin C?</b>	
<b>Abstract</b> <b>Objectives/Goals</b> To find out which type of orange juice contains the most amount of vitamin C. I think Del Monte orange juice from fresh squeezed oranges will contain the most vitamin C. I think this because I believe fresher orange juice will contain more vitamin C. <b>Methods/Materials</b> First, I made a test solution of water, cornstarch, and 2% iodine. Then, I combined 1 tablespoon of the solution and 10 drops of orange juice into a test tube. I arranged the tubes from lightest to darkest, lightest containing the most Vitamin C. <b>Results</b> Minute Maid Original contained the most vitamin C. Bolthouse Farms came in second followed closely by Springfield High Pulp, Minute Maid Country Style, Fresh Navel Del Monte, Tropicana Concentrate, Fresh Navel Victor, Springfield No Pulp, and then came Tropicana Pure No Pulp. <b>Conclusions/Discussion</b> The answer to my question was Minute Maid Original. If I did this project again I would use the same test solution however, I would use different kinds of juices instead of just orange juice.	
<b>Summary Statement</b> The amount of vitamin C in different types of orange juice.	
<b>Help Received</b> Dad helped cook and make the test solution. Mother helped with pictures.	