



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) Omar B. Ozgur	Project Number J1720
Project Title Plants: Vitamins vs. Fertilizers	
Abstract Objectives/Goals My objective was to learn if vitamin C, vitamin E, or fertilizer has a greater effect on plant growth. Methods/Materials Four groups of 10 planted lima beans were used. The first group was the control group, which was given only water. The second group was given a solution of water with added vitamin C. The third group was given an equal solution of water with added vitamin E. The fourth group was given fertilizer and water. Results The plants that were given only water grew tallest by far. The group of plants given vitamin C grew second tallest. The third tallest group of plants were those given fertilizer. The group that had the least amount of growth was the one given vitamin E. Conclusions/Discussion My conclusion is that water alone had the greatest effect on lima bean plant growth.	
Summary Statement My project was done to test if vitamin C, vitamin E, fertilizer, or water alone had the greatest effect on plant growth.	
Help Received Mother helped get materials; mother helped with placement of some items on board.	