



**CALIFORNIA STATE SCIENCE FAIR
2015 PROJECT SUMMARY**

Name(s) Monique A. Marquez	Project Number 35218
Project Title Local Comost Affects Plant Growth	
Objectives/Goals My goal is to show that farmers don't need to spend hundreds of dollars on fertilizers and in return can use local leaf compost. Methods/Materials My main materials include: grape leaf compost, orange leaf compost, peach leaf compost, native soil, water, measuring stick, and cups. Results My results were the orange leaf compost increased the growth the most, the peach and grape leaf compost were neck to neck most of the time and stayed in the middle, and my control variable (native soil) had a slower growth to the plant. Conclusions/Discussion My conclusion was that farmers in the central valley don't have to spend hundreds of dollars on fertilizers and use their own leaves from their crops to increase and/or enhance plants.	
Summary Statement My project is about increasging growth in plants without the high cost of fertilizers and using a more organic way to grow plants.	
Help Received My parents helped me gather the leaves from two different orchards and a vineyard in the central valley.	