



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Jessica S. Ng	Project Number 22078
Project Title Three Is a Crowd	
Abstract Objectives/Goals The objective of my experiment was to determine the effect of density, if any, on the growth and development of Chinese broccoli. Methods/Materials I used 15 pots, soil and broccoli seeds. I filled all the pots with 2000ml of soil. In five pots I placed 3 seeds in each, in another five pots I placed 10 seeds each, and in the last five pots I placed 20 seeds each. I repeated the experiment using the same materials, but instead of 10 seeds I put 15 and instead of 20 I put 50. Results I discovered in both parts of my experiment that pots with more seeds produced taller but thinner broccoli, and pots with less seeds produced shorter but thicker broccoli.	
Summary Statement I wanted to determine the effect of density on the growth and development of Chinese broccoli.	
Help Received Teacher helped take pictures; Teacher helped get some materials	