

CALIFORNIA STATE SCIENCE FAIR 2002 PROJECT SUMMARY

Name(s)		Project Number
George C. Konugres		J0919
Project Title Which Lettuce is C	Clean, Cleaner, Cleanest II	
Objectives/Cools	Abstract	
I predict that lettuce grown hy fewer surface bacteria; than le Methods/Materials 3 American Hydroponics kits water, recycled saopy water. Each water was tested for pH heights were measured in cm 48 and 72 hours. Results Of the hydroponically grown surface bacteria ,and the lettu used, the bacteria count was I however, this lettuce grew the Conclusions/Discussion My hypothesis was correct th bacteria, while still growing t	ydroponically using recycled soapy water wil ettuce gronw hydroponically using either gro s, pH test kits,Agar plates, chemical test kits,6 Ten lettuce planets were grown hydroponical I, nitrogen, copper, amonium, phosphate and i a. Each plant was cultured for bacteria. Bacter a lettuce, the lettuce grown with recycled water a lettuce, the lettuce grown with recycled water a lets than with grownd water, but much more to e tallest. The lettuce grown hydroponically with recycled to a good height and appering green and full.	Il grow taller, greener, and have und or rain water. 5L of each: ground water, rain ly in eahc of the three waters. iron. After 30 days the plant ia growth was measured at 24, er had the least amount of cteria. When rain water was than with the recycled water; I water had the least surface
Summary Statement Which type of water is best for	for growing lettuce with the least amount of su	urface bacteria.
Help Received		

Parents helped with the ordering and purchasing of some materials for the project