

CWSF 2005 - Vancouver, British Columbia



Jonathan Zung

The Effect of Deficiencies and Supplements on Plants Grown in Hydroponic Solutions

Division: Life Sciences

Category: Junior

Region: Toronto

City: Toronto, ON

School: University of Toronto Schools

Abstract: This experiment tests the effects of various deficiencies and supplements on plants grown in hydroponic solutions. This information would allow farmers to recognize potential nutritional deficiencies in hydroponic solutions. Although some anomalies were more pronounced than others, definite differences were observable, including plant height, colour, leaf size, texture, and shape.

Awards	Value
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Life Sciences - Junior	\$700
Sponsor: Pfizer Canada	
Total	\$2 200