

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