



## CWSF 2006 - Saguenay, Québec



## **Isaac Bacon**

## To Freeze or Antifreeze

**Division:** Physical & Mathematical Sciences

Category: Junior

**Region:** Rideau-St. Lawrence **City:** Smiths Falls, ON

School: St. James the Greater Catholic

**Abstract:** The wood frog's self defense against freezing was studied and this was

applied to plants. Lettuce was grown with concentrations of dextrose and propylene glycol. The plants were subjected to cold temperatures for varying amounts of time. Plants grown with dextrose were able to withstand

the cold the longest.

Awards	Value
Honourable Mention - Life Sciences - Junior	\$100
Sponsor: Pfizer Canada	
Total	\$100



