

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