

# CWSF 2006 - Saguenay, Québec



## Thalia Nelson

### Effects of a Vacuum Chamber on Bananas

**Division:** Physical & Mathematical Sciences

**Category:** Junior

**Region:** North Channel

**City:** Elliot Lake, ON

**School:**

**Abstract:** 'Going Bananas' investigates an alternative method to decrease the ripening process of bananas to ensure a longer shelf life. The bananas were put into partial vacuum and non-vacuum chambers, and were monitored during ripening. The bananas in the partial vacuum chambers had significantly fewer sugar spots compared to those in the non-vacuum.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Life Sciences - Junior Sponsor: Pfizer Canada	\$300
Total	\$1 300