

# CWSF 2006 - Saguenay, Québec



## Josh Segeren

### ICI: Glycine Max (Imbibitional Chilling Injury of Soybeans)

**Division:** Biotechnology

**Category:** Junior

**Region:** Chatham-Kent

**City:** Chatham, ON

**School:** St. Ursula E.S.

**Abstract:** This experiment determined the required duration of soybean seed imbibing in a warm environment before cooling was applied in order for imbibitional chilling injury (ICI) to be resisted. Modern soybean varieties experienced minimal ICI, provided that the seed hydrated in a warm environment for at least the initial eight hours.

Awards	Value
Agriculture and Agri-Food Canada Award - Junior Sponsor: Agriculture and Agri-Food Canada	\$500
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Rx&D Health Research Foundation	\$700
<b>Total</b>	<b>\$2 700</b>