

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
Total	\$2 700