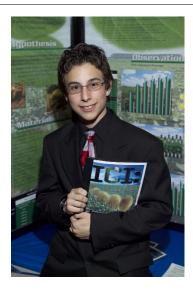




CWSF 2006 - Saguenay, Québec



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



