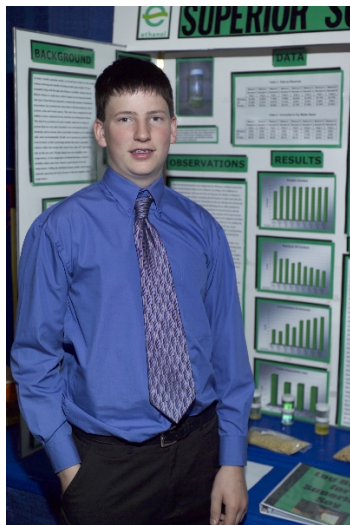


# CWSF 2006 - Saguenay, Québec



## Matthew Underwood

### Superior Soy

**Division:** Health Sciences

**Category:** Intermediate

**Region:** Avon Maitland-Huron Perth

**City:** Wingham, ON

**School:** F.E. Madill S.S.

**Abstract:** This experiment determined that ethanol could be an alternative solvent (replacing hexane) for soybean oil extraction. It proved that soy protein concentrates could be produced using a single ethanol extraction process. Benefits to agriculture and the environment were also evaluated. Ethanol was found to be an excellent environmentally friendly alternative.

Awards	Value
Agriculture and Agri-Food Canada Award - Intermediate	\$750
Sponsor: Agriculture and Agri-Food Canada	
Total	\$750