

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