

# CWSF 2005 - Vancouver, British Columbia



## Connor Emdin

### The Effectiveness of Environmentally Safe Herbicides on the Invasive *Vincetoxicum rossicum*

**Division:** Earth & Environmental Sciences

**Category:** Junior

**Region:** Quinte

**City:** Picton, ON

**School:** Harry J. Clarke Public School

**Abstract:** The efficacy of glyphosate, acetic, fatty acids and corn gluten meal as herbicidal treatments on *Vincetoxicum rossicum*, an invasive weed displacing native plants and animals, was tested under controlled conditions. Corn gluten meal was a very effective pre-emergent herbicide while the fatty acids solution was the most successful post-emergent treatment.

Awards	Value
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Gold Medal - Earth & Environmental Sciences - Junior Sponsor: Petro-Canada	\$1 500
Total	\$3 500