

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