



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



