

CWSF 2008 - Ottawa, Ontario



Rebecca O'Connell, Amber MacLean-Hawes

Lingering Herbicides

Division: Engineering & Computing Sciences / Environmental Innovation

Category: Intermediate

Region: Chignecto Central West

City: Brookfield, NS

School: South Colchester Academy

Abstract: We studied two methodologies to gain first hand knowledge on how herbicides can be detected in water and in soil. In addition, we carried out a case study to determine if Velpar could be detected in local runoff water from tile-drained blueberry fields. We tested for presence of the herbicide in water samples using Thin Layer Chromatography.

Biographies

Rebecca - I have lived on a beef farm all my life in a small community. I take the beef, goat, and foods projects in 4-H. I have held the treasurer's position in my club for about 6 years. I have won several awards within the program, including top member, 1st place in public speaking, and lots of ribbons at shows. I have had honors with distinction, and been in the extended French class ever since grade 7. I was selected to attend the science camp last summer at St. FX University. I've played on my school's basketball team for 2 years, and won the "all around player award" last year. I am one of the Grade 10

Leadership Girls at my school, we organize ...

Amber - I live in a small community called Upper Stewiacke in Central Nova Scotia. I go to school at South Colchester Academy in Brookfield, N.S. I do well in school. I play school and club Volleyball. I also play on the school's Softball team. I belong to the Water of Life group at school and minor officiate Basketball. I am in the youth group in Upper Stewiacke. I love the outdoors. I like to bike, swim, play almost any kind of sport, and just have fun at whatever I do.

Awards

Value

Honourable Mention - Earth & Environmental Science - Intermediate Sponsor: Petro-Canada	\$100
Total	\$100