

## CWSF 2007 - Truro, Nova Scotia



### Adrian Howie

#### Rotten to the Core

**Division:** Physical & Mathematical Sciences / None

**Category:** Junior

**Region:** Halifax

**City:** Halifax, NS

**School:** St. Agnes School

**Abstract:** I did experiments comparing Organically and Conventionally Grown Nova Scotia Apples. I tested the rate of browning over several hours using a series of photographs and comparing treatments such as lemon juice and various cutting methods. I also compared Courtland and Red Delicious apples. I tested the rate of decay over several weeks, using histology to examine the apples at the start and end.

#### Biography

My name is Adrain Howie, I'm 14 years old and I live in Halifax Nova Scotia. I'm in grade 8 at St Agnes Junior High. I have lived in Halifax most of my life except for grades 5 and 6 where I lived in Ottawa. My favourite sport is tennis, I play it all year round. I did the regional science fair for two years now, but this is the first time going to nationals. I am an alter server at St Agnes church, and have just received my Chief Scout award.

#### Awards

#### Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Life Sciences - Junior Sponsor: Pfizer Canada	\$300
Total	\$1 300

