

## CWSF 2007 - Truro, Nova Scotia



### Zuina Hamit, Sonia Parmar

#### Bug Off!

**Division:** Engineering & Computing Sciences / None

**Category:** Senior

**Region:** Rideau-St. Lawrence

**City:** Brockville, ON

**School:** Brockville Collegiate Institute

**Abstract:** This project studied the effectiveness of boric acid on Tenebrio beetles, which were a substitute for the Western Pine beetles. These beetles were a major issue affecting trees in Western B.C. Different concentrations of the acid, the life stages of the beetle, and three temperatures were tested. Higher concentrations of the acid at high temperatures took less time to completely eradicate the adult beetles.

#### Biographies

**Zuina** - I am a very easy going person and has a good sense of humour. I work at Giant Tiger and I love it, it is such a friendly environment. I am in many clubs in school like Math team, yearbook committee, grad club, and envirothon. My hobbies are to dance, swimming, and basketball. My post-secondary plans is to finish university in something in the sciences, possibly a career in medicine or pharmaceutical field.

**Sonia** - I am currently a grade 12 student at Brockville Collegiate Institute in Brockville and have been a honours student throughout high school. At school, I'm involved in the yearbook, grad club, Envirothon committees and various academic clubs. Outside of school, I enjoy cultural dance and for the past 5 years, I have trained a mixed range of children to perform East Indian dances. Furthermore, I enjoy traveling with my family, volunteering with various organizations such as the YMCA, the Brockville General Hospital and United Way, music and shopping. In 2003, I received an award from the Ontario Ministry of Citizenship for my active community in...