

## CWSF 2008 - Ottawa, Ontario



### Sheldon Vissers, Emily Vissers

#### The Upright Silo Deicer

**Division:** Health Sciences / None

**Category:** Senior

**Region:** Chignecto Central West

**City:** Milford, NS

**School:** Hants East Rural High School

**Abstract:** We built an Upright Silo Deicer which sits on the frozen silage between feeding times to thaw the frozen feed built up on the walls of silos. We tested it with a small model (2 cubic foot bin) and a larger scale model (250 gallon barrel). The Upright Silo Deicer does thaw enough silage to meet the needs of the daily feed requirements.

#### Biographies

Sheldon - I am a Grade 12 student and I plan to attend Nova Scotia Agriculture College in the fall taking the Enterprise Management Technology (Dairy Farming) Program. I work on a dairy farm and recently purchased my first vehicle - a Dodge Ram black truck. I was a member of Scouting for several years and in 2005 I received the Queen's Venturer Award. I enjoy downhill skiing and playing basketball. I have travelled to Quebec on skiing vacations and have been to Toronto, Newfoundland, and the Dominican Republic with my family.

Emily - I am a Grade 11 student at Hants East Rural High School. I work several hours a week at the East Hants Swimming Pool, teaching lessons and lifeguarding. I want to attend the University of Waterloo, where I would like to study mathematics when I finish Grade 12. I want to become an actuary. I have achieved honors with distinction for the past 5 years at school. I have also received two REC medals for Education (top marks) at Riverside Education Center. I was on the HERH girl's basketball team for two years. I also played on the REC girl's basketball team and on the Tri- County basketball team. I swam competitively on the East Hants Sting Rays ...