

## CWSF 2007 - Truro, Nova Scotia



### Thomas Wiebe, Martin Driedger

#### The New Seed Cleaner

**Division:** Health Sciences / None

**Category:** Junior

**Region:** Peace Country

**City:** Fort Vermilion, AB, La Crete, AB

**School:** Hill Crest Community School

**Abstract:** This engineering project was designed to help farmers remove cleavers from grain crops after harvest. We hypothesized that fabric could be used to separate the cleavers from the grain. After testing a number of fabrics, we found that felt attracted the most cleavers. We successfully built a model using felt which proved our hypothesis.

#### Biographies

Thomas - I live on a grain farm in Canada's most northerly agricultural community. I am the fifth of eight children. I enjoy hunting, fishing and being in the outdoors. I often go skiing and snowmobiling and I have always loved to go snowboarding. I picture myself following my father's footsteps: raising a family and farming in Blumenort.

Martin - Born and raised in Canada's most northerly farming community, I am the second of six children. My hobbies include reading, running, biking, rafting, and quading. I have an interest in horses, and antique cars & trucks. Playing on my school's varsity volleyball and basketball teams, I enjoy being physically active. When I look into the future I see myself married with a family, farming cattle and horses.