

# CWSF 2008 - Ottawa, Ontario



## Patricia Berezowski, Marika Cameron

### The Effect of Scarification and Acid Bathing?

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

**Category:** Intermediate

**Region:** Regina

**City:** Regina, SK

**School:** Luther College High School

**Abstract:** This project explored two methods of scarification (mechanical and chemical) of the seeds of the *Ratibida columnifera*. Days to germination and total number of seeds germinated were the studied variables. A rock tumbler and lime juice were used to scarify the seeds. Both mechanical and chemical scarification resulted in improved germination of the *R. columnifera*. This may have important implications for prairie grasslands restoration projects.

#### Biographies

**Patricia** - Patricia Berezowski is a Grade 10 student at Luther College High School, Regina, Saskatchewan. Born and raised in Regina, Patricia enjoys playing basketball, and was a member of this year's Luther College Junior Girls Basketball team. Patricia enjoys music, and is currently taking piano lessons and studying music theory, and enjoys singing with the Luther College High School Girls Choir. Patricia is also heavily involved with church, singing on the praise and worship team. Patricia plans to attend university and become an engineer.

**Marika** - Marika Cameron is a grade 10 student at Luther College High School in Regina, Saskatchewan. Marika is a member of the Luther Girls Choir. She is actively involved in extracurricular activities both at church and at school, such as the Peer Support Group at Luther. She enjoys playing piano, and dances with the Youth Ballet Company of Saskatchewan.

#### Awards

#### Value

|   |              |
|---|--------------|
| Honourable Mention - Earth & Environmental Science - Intermediate | \$100        |
| Sponsor: Petro-Canada   |              |
| <b>Total</b>  | <b>\$100</b> |