

# CWSF 2010 - Peterborough, Ontario



## Erick Vandenhurk, Jarika Penny

### Don't Flip Your Lid

**Division:** Life Sciences

**Category:** Senior

**Region:** Southeast Saskatchewan

**City:** Midale, SK

**School:** Midale Central School

**Abstract:** Who would have thought such a simple concept these days could potentially avoid problems for the future in agriculture. The design says it all, combining simplicity and practicality. The main idea is to completely eliminate the use of over centre springs and elasticity mechanisms found on all factory bins. Weight is used to collapse the lid with ease.

### Biographies

Erick - I was born and still living on the family farm. We farm a little over 10, 000 acres and run about 550 head commercial operation. I enjoy the farm and everything that comes along with it including fixing, designing and constructing. Being on the farm I have been involved in 4H showing steer calves for many years. I have already been accepted into Kelsey Siast in Saskatoon for Ag mechanic and I have also been accepted into welding. Well attending High School in Midale, all Grade 10-12 students are given 2 weeks out of the year to go work at a job they want to try out. So for me, I went to places that worked with Hydraulics, Ag equipment, people...

Jarika - I am currently in grade 12, and plan to attend university to achieve my Bachelor of Science. I enjoy sports such as hockey, volleyball, badminton, curling and golf. I also enjoy spending time on the farm working with my dad. Throughout highschool I have been involved in the mentorship program, and am currently SRC President.

### Awards

### Value

The Manning Innovation Achievement Award Sponsor: Ernest C. Manning Awards Foundation	\$500
S.M. Blair Family Foundation Award - Senior Sponsor: S.M. Blair Family Foundation	\$1 000
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 000
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$3000 Entrance Scholarship Sponsor: University of Ottawa	\$3 000
The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Silver Medal - Engineering - Senior Sponsor: Youth Science Canada	\$700
<b>Total</b>	<b>\$9 200</b>