

# CWSF 2010 - Peterborough, Ontario



## The 'Moo-velous' Syringe Warmer

**Division:** Life Sciences

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** The Syringe Warmer is a portable device that allows cattle producers to use inoculants sensitive to sub zero temperatures at any time of the year. The syringe warmer prevents oil-based inoculants from cooling and, therefore, gelling to the point at which the inoculant can no longer be squeezed out of the needle. The battery-powered device makes it fully portable to use while processing cattle.

| Awards  | Value          |
|---|----------------|
| S.M. Blair Family Foundation Award - Junior<br>Sponsor: S.M. Blair Family Foundation  | \$500          |
| The University of Western Ontario Scholarship<br>Bronze Medallist - \$1000 Entrance Scholarship<br>Sponsor: University of Western Ontario | \$1 000        |
| Bronze Medal - Engineering - Junior<br>Sponsor: Youth Science Canada  | \$300          |
| <b>Total</b>  | <b>\$1 800</b> |