

# CWSF 2015 - Fredericton, New Brunswick



## Jordan Winter

### To Bee or Not To Bee: Overwintering Techniques and Losses of Honeybees in Algoma

**Challenge:** Resources

**Category:** Intermediate

**Region:** Algoma Rotary

**City:** Desbarats, ON

**School:** Korah Collegiate & Vocational School

**Abstract:** Research of overwintering techniques of 70 beehives in the Algoma District of Ontario. Overwintering variables included medications used, insulation materials, colony age and structure, and location ecology of hives. In total, 51 variables were identified. The survival of each hive in March was recorded and correlations were made between overwintering techniques and the survival of the hives.

#### Biography

I live on a 150 acre farm where I raise chickens, pigeons, peacocks, and many other fowl for showing. Recently we acquired honeybees and had no clue how to overwinter them, which is where the basis for my project came about. I am planning on extending my project for several years into the future. I recommend that any science fair project should be done involving something that you love and have a passion for. I attend an IB school in a nearby town, where I am currently in a pre-IB grade 10 program. I enjoy singing, playing trombone, and musical theater. I am a founding member of the Youth Algoma Poultry Association, and I am working towards becoming an internationally certified poultry judge. I travel all over Ontario competing at poultry shows. Occasionally I will assist in training alpacas.

#### Awards

#### Value

4-H Canada Award - Intermediate Sponsor: 4-H Canada	\$750
Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
<b>Total</b>	<b>\$1 750</b>