

CWSF 2012 - Charlottetown, Prince Edward Island



Aiden Schenkels

Sleep on This

Challenge: Discovery

Category: Senior

Region: Chignecto West

City: Stewiacke, NS

School: South Colchester Academy

Abstract: In Nova Scotia a new type of farm animal bedding system, called a compost pack system, is not working properly, resulting in higher costs for the farmers and fewer benefits for cows. This project will add inoculants such as active compost, bacterial inoculant, and perforated hose to the compost system in an effort to make this a more viable bedding system in Atlantic Canada.

Biography

I am Aiden Schenkels, a grade 11 student at South Colchester Academy in Brookfield, Nova Scotia. I work as the Co-head producer of our own live television station, SCA TV, and head of sound and lighting engineering for special events including musicals, concerts, and presentations. I play on the school's varsity volleyball team and StarCraft 2 team. In my spare time I volunteer at Stewiacke District Volunteer Fire Department where I am a junior firefighter. The school recently nominated me as the male recipient of the Lieutenant Governor's award. This summer I will be attending the Shad Valley program in Vancouver. Inspiration for my project came from my father informing me of a new development in agriculture, the compost pack system, and how a recently constructed barn was having problems. I commenced research and found that there were similar problems in other barns. I decided that I would focus my project on rectifying these problems in an attempt to make the compost pack system a more viable bedding system. I would tell a prospective student thinking of doing a project to go for it! It is a lot of work but it is so much fun!

Awards

Value

Excellence Award - Senior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$2 300