

ESPC 2008 - Ottawa (Ontario)



Ben Underwood

Green Eggs and Beef

Division: Génie et sciences de l'informatique / Innovation environnementale

Catégorie: Junior

Région: Avon Maitland-Huron Perth

Ville: Wingham, ON

École: Turnberry P.S.

Sommaire: This project studied the production of methane in anaerobic digesters, in an attempt to create a "green" chicken barn. Different organic substances were used in combination to test the production of methane. A spreadsheet was used to determine if the project was financially viable. Alone, chicken manure wouldn't produce enough energy to operate the barn, but in combination with other organic substances, it was feasible.

Biographie

Ben Underwood is 13 years old and a grade 8 student at Turnberry Central Public School. He lives on a farm just outside Wingham, Ontario with his parents, two older brothers, and one younger sister. Ben has been a member of many school sports teams including soccer, basketball, and volleyball and is this year's student council President. In his spare time he plays hockey and lacrosse; and enjoys helping his Dad work on the farm. Ben is excited to be making his second trip to CWSF. Last year Ben's project Cultivating Cultivators captured the Gold Medal in the Earth and Environmental division and the Junior Platinum award. This year at the Regional Science Fair, Ben was awarded the Best in Fair for his project Green Eggs and Beef. Ben has enjoyed working with the Youth Science Foundation this past year to promote science. He will be attending the Premeire's Innovation Awards Gala in Toronto. Ben's future plans include attending high school and university with aspirations of becoming a Doctor, Scientist or engineer.

Prix

Valeur

Prix Agriculture et Agro-alimentaire - Junior Commanditaire: Fondation sciences jeunesse Canada	500,00 \$
Bourse d'études de l'Université Western Ontario Médaille de bronze - Bourse de début d'études de 1 000 \$ Commanditaire: Université Western Ontario	1 000,00 \$
Médaille de bronze - Innovation environnementale - Junior Commanditaire: EnviroExpo, présenté par VIA Rail Canada	300,00 \$
Total	1 800,00 \$