

CWSF 2012 - Charlottetown, Prince Edward Island



Claire Bertens, Brooklyn McDonald

Crush That Thrush

Challenge: Health

Category: Junior

Region: Central Alberta

City: Olds, AB, Olds, AB

School: Deer Meadow School

Abstract: Thrush is a common disease of horses' hooves, caused by *Fusobacterium necrophorum* and *Candida albicans*. Our goal was to develop an effective, natural remedy to treat thrush. After comparing 26 products and combinations in laboratory tests we developed "Crush that Thrush"; a natural remedy consisting of orange peels, apple cider vinegar and oil of oregano that is more effective and less toxic than commercial products.

Biographies

Claire - I am a grade eight student at Deer Meadow School in Olds Alberta. Some of my hobbies are horse riding, soccer, volleyball, running, working on my dairy farm, I am in beef 4-H, I ski and sled in the winter, I love to water-ski, wakeboard and tube with friends, camping, and going on holidays with friends. I love to do Jumping and do dressage with my horse Moochie, I also enjoy going to Pony club and going to horse camps. My career plans for the future are to be a vet or a doctor. Brooklyn and I have enjoyed science fair for four years. In the past Brooklyn and I have done studies on Algae, wetlands, biodiesel, and pasteurization. This is the seco...

Brooklyn - I am a grade 8 student from Deer Meadow School in Olds Alberta. I enjoy riding my horse Calvin, and competing in Dressage, Stadium and Cross country shows and camps. I also really enjoy going to Pony Club with all my friends. In the winter I like to snowboard and sled. I like to play the clarinet in the school band, and I play soccer and volleyball too. My career plans for the future are to either be a doctor or a vet. I have a passion for science and my partner Claire and I have been in science fair together for five years now. We attended the Canada Wide Science fair last year in Toronto and are very excited to represent Central Alberta aga...

Awards

Value

Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	\$700
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 700