



CWSF 2007 - Truro, Nova Scotia



Biography

I am a grade 10 student from Alberta, currently in the International Baccalaureate Program. I have always had a love for science and have competed in the Canada Wide Science fair in 2005 and 2006. I won honourable mention in 2005 and a bronze medal in 2006. I also enjoy multimedia development and have developed a website for my Junior Achievement Company this year. For my efforts, I was awarded this year's Outstanding Vice President for Information Technology. I currently volunteer at Lethbridge Community Networks, helping people with their computer needs. One of my favourite pastimes is playing chess. I have organized my school's chess club and have won a silver medal from the District Chess Tournament. I also like volunteering at various school functions, school sporting events and the public library.

Adil Adatia

Pathogenicity of a New Alberta Microbe Against Grasshoppers and Mealworms

Division: Category: Region:	Biotechnology / None Intermediate
City:	Lethbridge AB
School:	Winston Churchill High School
Abstract:	The efficacy of two new Alberta isolates of Metarhizium anisopliae var. anisopliae were investigated against the pest Melanoplus bivittatus and non-target organism, Tenebrio molitor. The results indicated that the isolates caused 90% mortality in M. bivittatus by day 7. They caused marginal mortality in T. molitor, which was not statistically significant. The results support further development of these isolates as biocontrol agents for commercial use.

Awards	Value
Agriculture and Agri-Food Canada Award - Intermediate	\$750
Sponsor: Agriculture and Agri-Food Canada	
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Biotechnology & Pharmaceutical Sciences	\$700
Intermediate	
Sponsor: Rx&D Health Research Foundation	
Total	\$2 950



Youth Science Canada PO Box 297 Pickering ON L1V 2R4 www.youthscience.ca / info@youthscience.ca 416-341-0040

