

CWSF 2006 - Saguenay, Québec



Cayley Linehan

Cones and Clones

Division: Biotechnology

Category: Intermediate

Region: Central Newfoundland

City: Grand Falls-Windsor, NL

School: Exploits Valley Intermediate

Abstract: Analysis of white spruce cone and seed traits from samples collected within Newfoundland's seed orchard revealed strong genetic variation between and within families. Understanding these differences will aid in selecting candidates for advanced breeding and insure research studies are designed correctly. Maternal control was apparent over all characteristics including fertilization.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Biotechnology & Pharmaceutical Sciences Intermediate Sponsor: Rx&D Health Research Foundation	\$300
Total	\$1 300