

CWSF 2006 - Saguenay, Québec



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The Effect of a DC Field on the Germination and Development of the Alaska Pea, *Pisum Sativum*

Division: Physical & Mathematical Sciences

Category: Senior

Region: York

City: Markham, ON

School: Brother André Catholic H.S.

Abstract: Alaska garden peas were grown inside and outside a DC electric field, ceteris paribus, for 16 days in order to learn their effect on the germination and early development of peas, as measured quantitatively and qualitatively. Described are how the plants in the electric field fared worse than their counterparts and examples of how this knowledge can be applied.

Awards	Value
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Life Sciences - Senior Sponsor: Pfizer Canada	\$700
Total	\$4 200