

CWSF 2010 - Peterborough, Ontario



Oliver Jourmel

Evaluating the Effects of the Retention Properties of Charcoal on Plant Growth

Division: Life Sciences

Category: Senior

Region: Vancouver Island

City: Duncan, BC

School: Frances Kelsey Secondary

Abstract: Last year's project was Soil Amending Properties of Charcoal. This year I tested these properties on vegetative growth in different environments. How would charcoal affect the growth of radishes in dry, wet, nutrient poor, and nutrient rich conditions? I designed a series of five experiments to test these conditions and quantified the modifying factor of charcoal in relation to water and nutrient retention.

Biography

Oliver Jourmel is a grade 10 student at Frances Kelsey Secondary School on Vancouver Island, BC. He plays violin and piano, and sings in a choir, and enjoys soccer, fencing, juggling, and riding his bike. He is interested in politics, drama, debating and enjoys his self-paced school. He hopes to study law, science and music at university, to pursue a career in teaching and politics. He has done lots of Science Fair projects over the years, winning his division several times and is very happy to be on the BC team at the Canada-Wide Fair for the second time!

Awards

Value

Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 000
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$3000 Entrance Scholarship Sponsor: University of Ottawa	\$3 000
The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Silver Medal - Life Sciences - Senior Sponsor: Pfizer Canada	\$700
Total	\$9 700