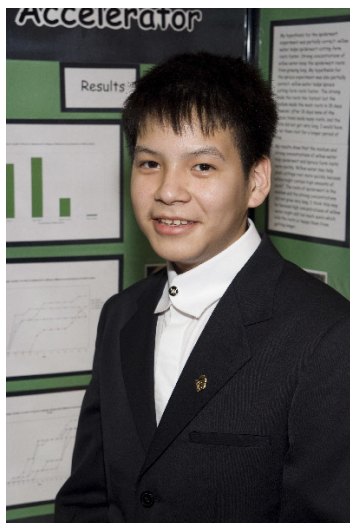


## CWSF 2008 - Ottawa, Ontario



### John Spence

#### Willow Water as a Rooting Accelerator

**Division:** Physical & Mathematical Sciences / Environmental Innovation

**Category:** Intermediate

**Region:** Manitoba First Nations

**City:** Nelson House, MB

**School:** Nisichawayasihk Neyo Ohtinwak Collegiate

**Abstract:** This project investigates the usefulness of willow water as a rooting accelerator. Weak (5 g/L), medium (10 g/L) and strong (15g/L) concentrations of willow water were used to treat spiderwort and spruce cuttings. Both spiderwort and spruce cuttings formed roots more quickly in the strong and medium concentrations. Spiderwort roots were the longest in the weak concentration and in the control.

#### Biography

Tansi- Hello my name is Johnathan Spence (John). I live in Nelson House, Manitoba with my family. I am a Grade 9 student in Nisichawayasihk Neyo Ohtinwak Collegiate, in Nelson House. My favorite subject in school is science. I like science because it's fun, exciting, I learn new things about the world and I like to challenge myself. I also like gym because it's challenging and fun. In the future I want to study science and go into army. I want to go to the army because I want help other people. In my free time I like cycling and lots of other sports like basketball and baseball.