

## CWSF 2012 - Charlottetown, Prince Edward Island



### **Grow with the Flow**

**Challenge:** Resources

**Category:** Intermediate

**Region:**

**City:** ,

**School:**

**Abstract:** Producing a sustainable fertilizer is critical in order to address the predicted global shortage of synthetic fertilizer. This project demonstrated that a sustainable fertilizer can be created out of diluted human urine. After comparing daily growth and biomass of corn plants fertilized with urine, synthetic fertilizer and a control, this experiment concluded that urine fertilizer is a superior replacement to synthetic fertilizer when growing plants.