

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.