

CWSF 2015 - Fredericton, New Brunswick



Saisrihari Prithiviraj

Savior from the Sea!!!

Challenge: Environment

Category: Junior

Region: Chignecto West

City: Truro, NS

School: Bible Hill Junior High School

Abstract: Soil salinity is one of the major limiting factors in agriculture that reduce food production. Methods to mitigate salinity stress are limited. In this project, I developed an environmentally friendly method of imparting salinity stress tolerance in plants. I achieved this by applying bacteria isolated from seaweeds to roots of plant. The bacteria modulated the physiology of plant allowing better growth under high salt conditions.

Biography

My name Saisrihari Prithiviraj. I am a grade 8 student at Bible Hill Junior High School, Truro, NS. I am profoundly interested in science and had been participating in Science Fair since grade 5. I am interested in sports and play basketball, badminton, and hockey. This year I qualified for the provincial badminton championship. When I grow up I want to be a Dentist.

Awards

Value

| | |
|---|---------|
| Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada | |
| Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University | \$2 000 |
| Total | \$2 000 |