CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY

Name(s)

James D. Cobb

Project Number

33199

Project Title

Does Garden Safe Weed Preventer Hurt Plants?

Abstract

Objectives/Goals

Test if pre-emergents effect the growth the raddish plants.

Methods/Materials

Planted 3 raddish seeds (72 individual containers)
remove unhealthy plants, only one healthy plant per container.
broke 72 containers into 3 sections (24 a piece)
added pre emergent (recommended amount into one section) (2x recommended in second section)
(3rd section is the control)
allow plants to grow. (2 weeks)
measure root lengths

Results

Control averaged 9.75 cm (root growth)
recommended 11.25
2X 11.75

Conclusions/Discussion

I learned that the pre-emergent not only doesn't hurt the plant, but helps growth, while preventing weed growth.

Summary Statement

Does Pre emergent impact plant growth?

Help Received

Teacher taught scientific method, provided classroom help with experiment. Parents helped in purchasing materials. They also helped put board together.

Preliminary