mount olive pickles mount olive pickles

Science Experiments

Salty Pickle Seeds

How would salt in soil affect cucumber crops? (Easy)

What you need:

10 cucumber seeds
Two cups
Cotton or wool
Salt
Plastic wrap

Steps:

1. Cover the bottoms of each cup with the wool or cotton.
2. Sprinkle some salt over the bottom of one of the cups, then label it “salt added.”
3. Wet the cloth in each cup and place five seeds in each.
4. Place plastic wrap over each cup to keep the moisture in and place the cups in a sunny area.
5. After four or five days, check and see how the seeds in each cup are growing.

Questions:

1. Which seeds grew the most?
2. What do you think that means for an area with a lot of salt in its soil, such as vast parts of Australia?
3. How would different amounts of salt affect the seeds?
4. If cucumber seeds don’t work well, how would wheat seeds work?

Taken from http://www.questacon.edu.au/html/salt__soil_and_seeds.html