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Water Works

The purpose of my investigation was to answer the question “What type of water has the best effect on a pumpkin seed?” I predicted that Mountain Water would have a better affect than May Valley water, Tap water, Well water, and R-O water.

I tested each type of water on a group of 6 pumpkin seeds. I also tested a control of 6 pumpkin seeds that received no water. I then gave each pumpkin seed an additional watering of 12 cc’s of water and every water after I gave them half of that which would be 6 cc’s of water. Each type of water got its own syringe. I then made sure that each plant was the same depth, got the same amount of sunlight, was the same temperature, and had different types of water. They will do this process for 24 days. At the end of the month I will measure their overall height in centimeters.

My final results were that the Mountain Water grew a overall 11.75 in, the May Valley water grew an averaged off total of 6.875 in, Snow Melt had no growth at all, the Tap Water had an averaged off growth of 1.875 in, the Well Water grew an averaged off total off total of 7.125 in, and the R-O Water grew a averaged off total of 5.125 in.

In the end my hypothesis was correct. Mountain Water had the best effect on pumpkin seeds.