

Angel

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For me, the topic of my Science fairs is how to grow cucumbers and ghost peppers fast. Also I will be showing the producer, note cards, bibliography, hypothesis and more. MY experiment is important because I will be showing you how to grow plants faster. How will the amount of water affect the growth of the cucumber and on a ghost pepper?

For my Background research I was thinking how can I make plants grow fast with the amount of water. For what I am going to study is the plant's diet, how they process and how they are going like how many leaves or how many leaves branches and coming.

For my 2th procedure, I had to put the plant in the pot and compost the soil. Also I put the seed in their separate pot and put it 2 inches deep. I put 3 drops on day one. It was sunny on day 1. On day 2, I put 3 drops of water in again. There was no sperm coming out of the soil. On day 3-4, I was a little rainy and I put 4 drops of water. There were still no sprouts.

For my Experiment talk, my IV is if The depth that I will put in the plant is 4 centimeters deep. My DV is that I will put at least 20-50 drops of each kind of drink. So my hypothesis is that the water and gatorade will produce more leaves and make the progress faster and healthier than the soda. The constant for my experiment is to have the same soil, drinks, pots, sunlight, water, temperature and the same time at night.

For my procedure I will start out be the thing i got for the experiment

- 12 pots
- 3 different kinds of drinks
- Compost soil
- A notebook and a pencil
- Instruction for the compost soil
- A stand
- A cup
- A measuring tape

First I started putting the compost soil on the 6 cups. Also I smush the soil with water. Then I put one of each cucumber and ghost pepper in there own cup. After that I put the seed 2 inches deep in the soil and then put sticky notes, so I know which is which. Also I gave them the first day 1 1/2 cup of soda, water and Gatorade. Then I waited for 2 day because It rained on the second day. Then I observed them and what I saw was a little (2) sperms coming out of the water on both ghost pepper and cucumber. Then I water them 30 drops for 2½ weeks and the sperm look like it was the same. So the plants look like they have changed a little 4 days after the 2½ weeks.

For the data and observations here are some pictures!!!



For my final paper, I learned in this experiment that plants need more water for them to grow. They take a lot of work to grow because they are fragial plants and have to treat them with care. Also my references were from the sites, " How to grow and things to know about ghost pepper and cucumbers." I used a lot of soil, water, soda, Gatorade, mesuare tools and the ghost pepper and cucumbers seeds. Finally, I have learned a lot of things on this adventure throughout the process of planting these plants. I hope you learn from my experiment and here is a tip, never give soda to a plant (Because my plant died on the third day).