

Plant Growth

By M1-12

Question

- What types of variable will help the growth of plants?

abstract

- My experiment is mainly about the growth of plants and what I could do to make them grow faster in leaf growth and height. My main problem of my topic is the amount of time it takes for plants to grow and what could affect it the most. My purpose of the experiment is to see what can help plants grow and how we can make a difference in it. My hypothesis is, if I put the fertilizer in the plant then the plant will grow the most out of the other test variables, because I think that fertilizer will help the plant grow faster based on common sense and background knowledge. My results were correct the fertilizer is the fastest out of potassium and organic soil. I conclude that my hypothesis was right and the way to help grow plants are to apply fertilizer.

Hypothesis

- If I put the fertilizer in the plant, then that plant will grow bigger than the other test variable, because fertilizer has a certain chemical that help plant growth and people have been using it for plant growth for years.

Procedure

- I will be putting my organic soil in one cup and regular soil in my other test cups, then I will put the seeds in the soil and apply fertilizer to one other test cup and apply water, after that I will take my last test cup and apply potassium with the water. When done doing that I will put it in the sun for energy (photosynthesis), and wait for results to collect and write down my data.

material

- My independent variable consist of:
 - Potassium
 - Organic soil
 - Fertilizer
- My dependent variable is:
 - Plants
- My constant variables:
 - The amount Water
 - Sun light
 - The amount of soil
- 5. Materials:
 - 60 or more cups
 - Soil
 - Seed packets
 - Water
 - Fertilizer
 - Potassium

Experiment

Results and data

- My final results are that none of the plants made progress only one grew(the one that had fertilizer applied) the other ones did not grow so I can not show you the data

graph

- Since nothing grew and one died I cannot show you the graphing of the experiment

conclusion

- To conclude this experiment, I can tell you nothing grew and one died do to unfortunate events. Bu the one that grew and died was the fertilizer so that would have been the one that grew the most.

work cited

- <http://askbiologist.asu.edu>
- <http://www.mbgnet.net>
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