

Bad Bees



Planting Science
Report

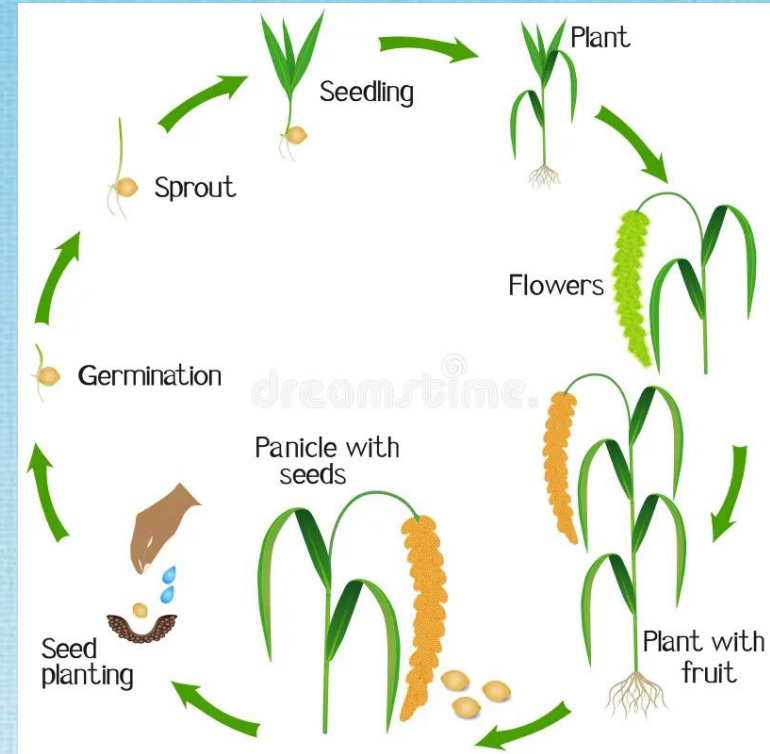
Bad Bees- Matea, Maris, and Ava Our scientist was Ruby Hammond

For our lab we chose to water pearl millet seeds with different types of liquid. We used coffee, tea, pickle juice, and water. Out of all the treatments the coffee plants grew the best. Specifically plant number three. We concluded that the coffee plants grew a lot better than the rest of the plants.



The Life Cycle of A Plant

The life cycle of a plant. First it is a seed in the ground. Then it sprouts. After it becomes a seedling it will grow into a plant. Then have flowers. Those flowers will turn into fruit. The fruit will then have seeds which you plant. Then germination will take place again. Then it repeats itself.



What A Plant Needs To Grow

Plants need water, light, and soil to grow. Plants need space so it can get bigger, a large pot not a small one. Plants also need air, so it can perform respiration.



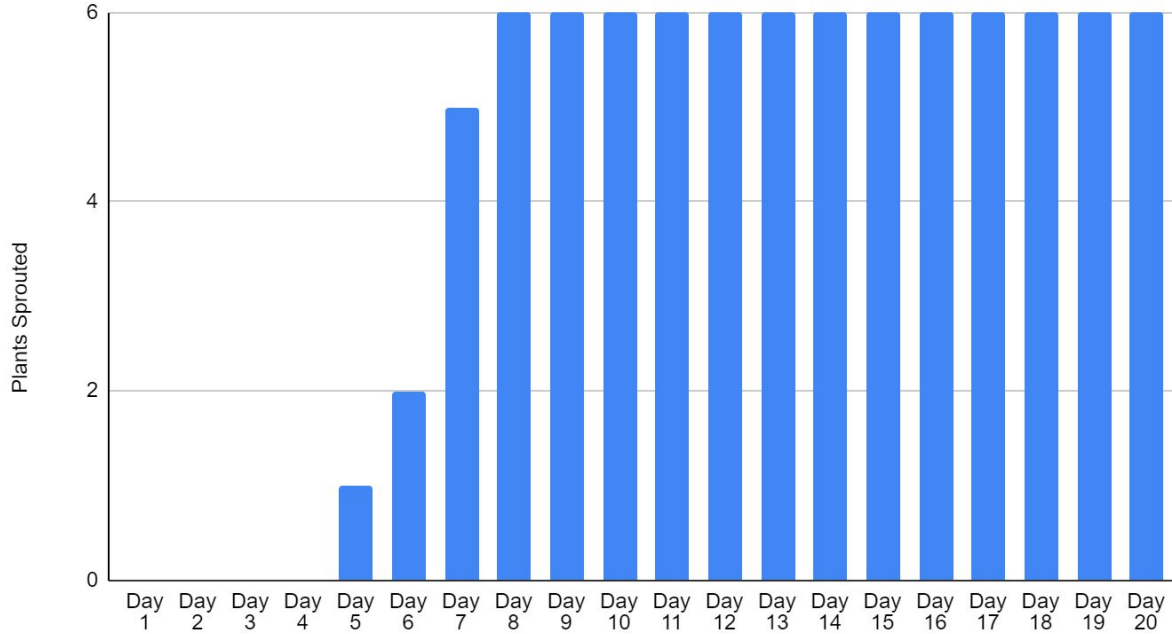
Factor That Can Affect A Plants Growth

If a plant does not get enough light it can die. If you overwater a plant it can not sprout. Also if it is to hot the plant will wither and not be able to grow.



Matea- Pickle Juice Bar Graph

Plants Sprouted

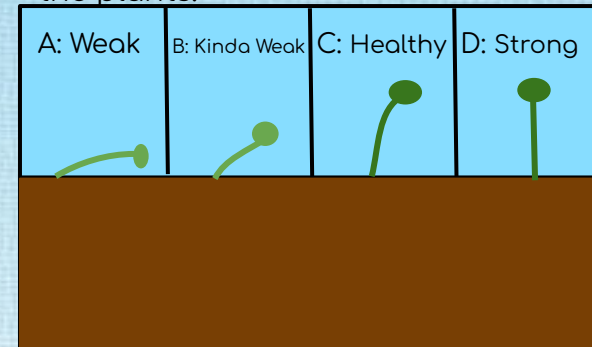


Pickle Juice Bar Graph

This is a bar graph on the pickle juice plants.

I had to water the plants with pickle juice every other day and collect data from the plants. I had to mark the plants between and A rate to a D rate.

This is our rating table for the plants.

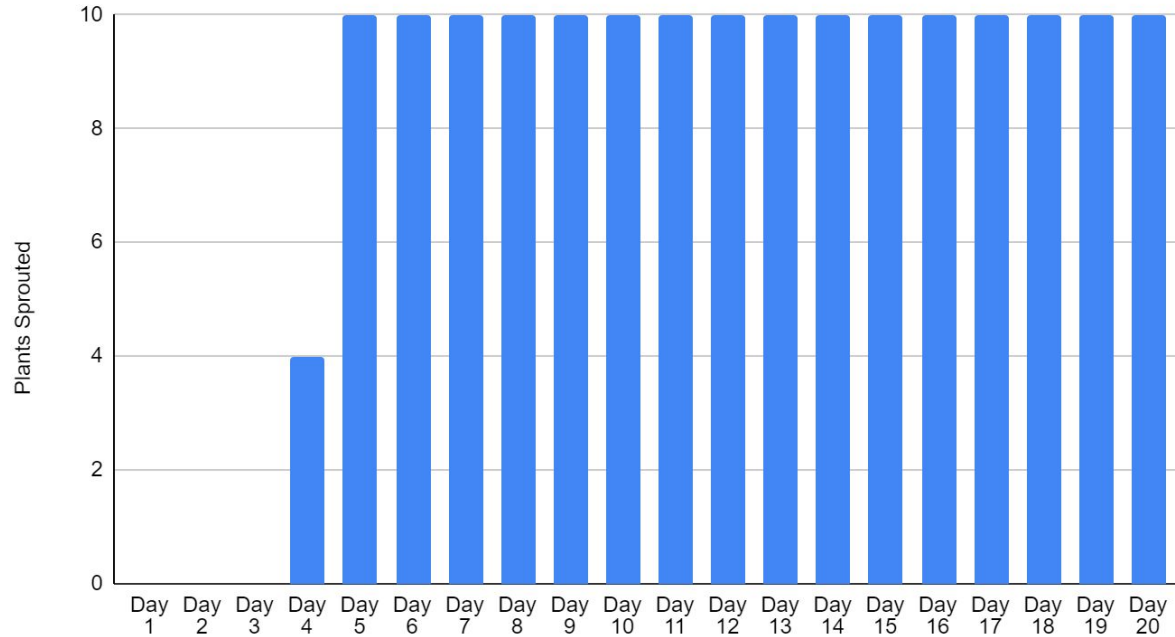


Matea- Tea



Plant Bar Graph

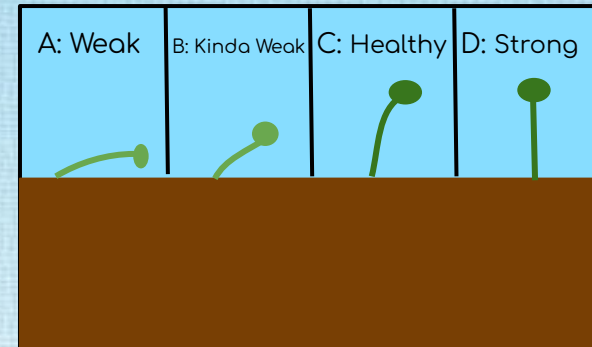
Plants Sprouted



Tea Bar Graph

This is a bar graph on the tea plants.

I had to water the tea plants every other day with tea. I also had to collect data by rating them on our chart.

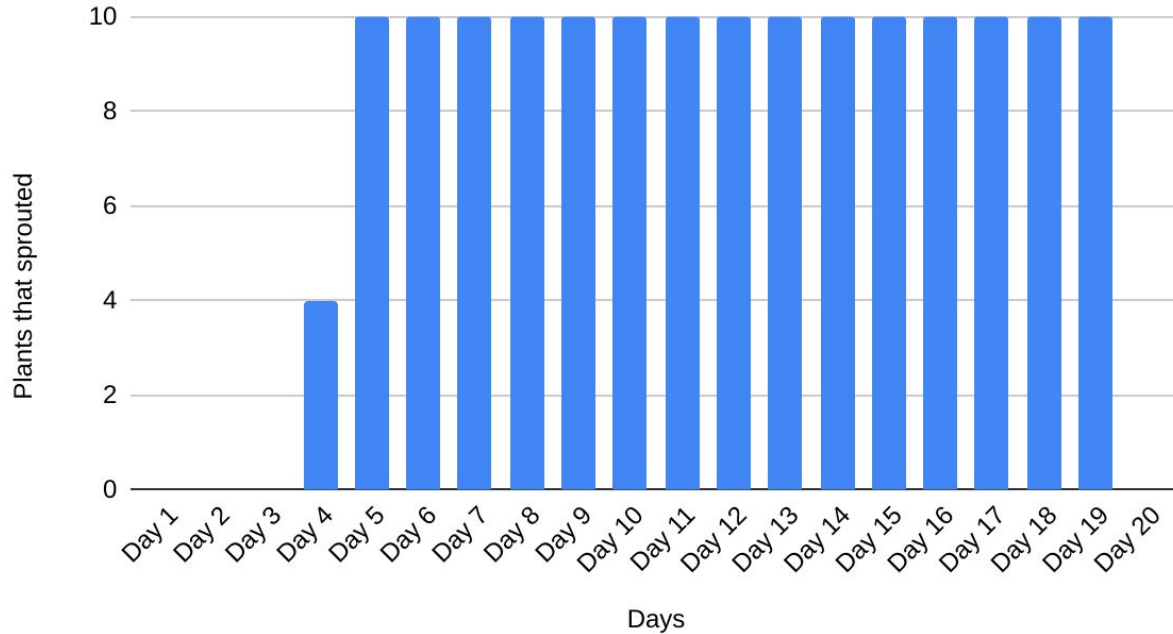


Maris- Coffee



Plant Bar Graph

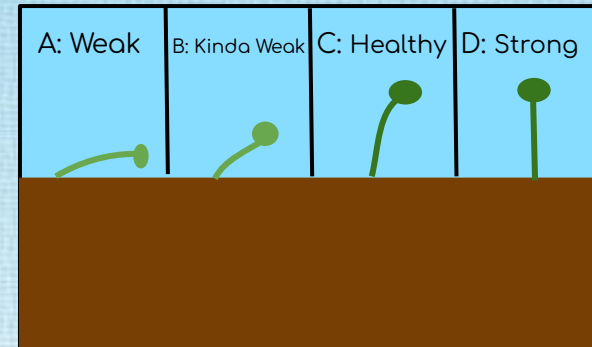
Quantitative Chart for Coffee



Coffee Bar Graph

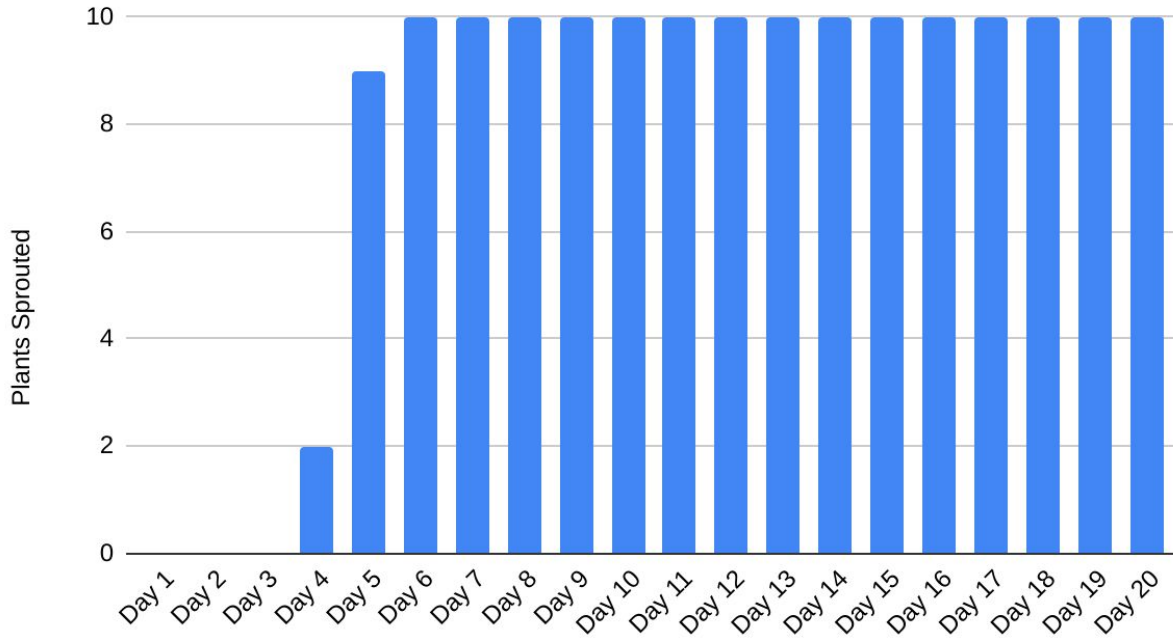
This is a bar graph on the coffee plants.

Maris had to water the plants every other day with coffee. Also collect data with our chart.



Maris- Water Bar Graph

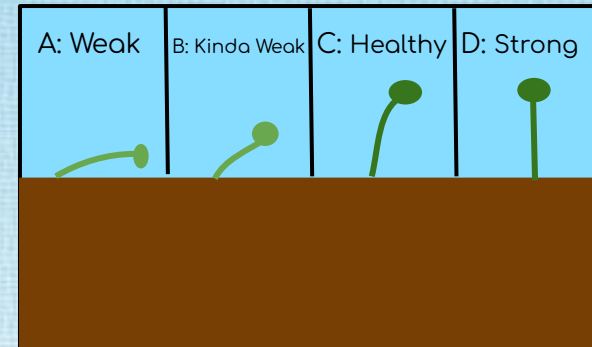
Quantitative Chart for Water



Water Bar Graph

This is a bar graph on the water plants.

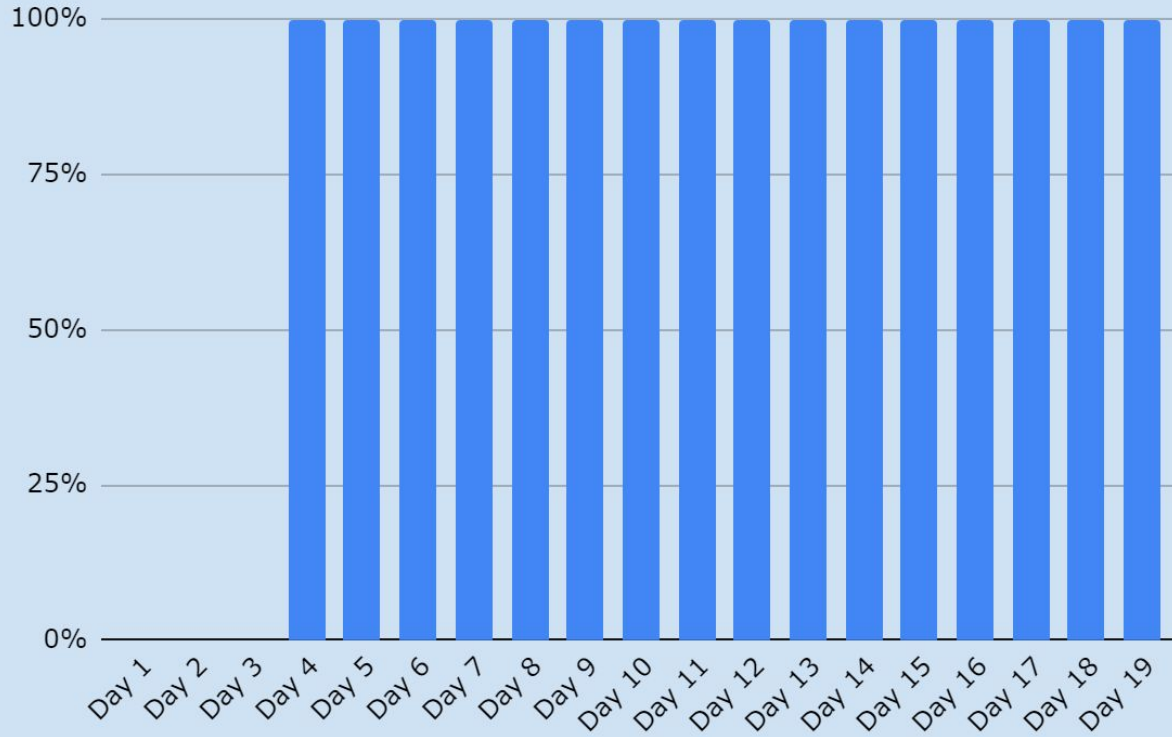
Maris had to water the water plants every other day. She also had to collect data using our data chart.



Ava- Dye



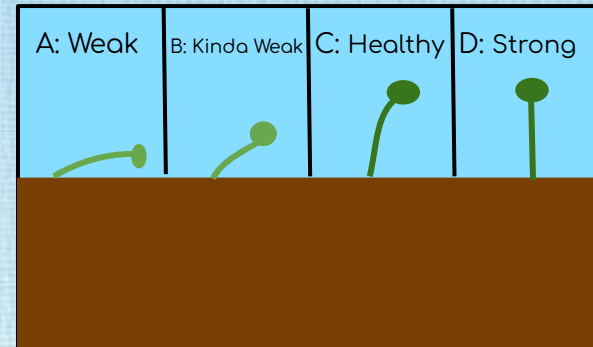
Bar Graph



Dye Bar Graph

This is the dye plant bar graph.

Ava had to water the plants with dye water every other day. She also had to collect data with our chart.



My Thoughts



I think working with my group was fun. It was a little stressful to water all the plants and take data. It took a while. Other than that it was really good.



List Of Materials

1	Jars
2	Containers
3	Pickle juice
4	Tea
5	Coffee
6	Dye
7	Markers

Conclusion

In conclusion Pickle Juice plants did not grow that well, but coffee thrived. This experiment can affect the world. Maybe we can start watering plants with coffee. I am now watering a plant in my house with coffee to see how well it does compared to a plant watered with water.

The End